

FREE DVD 50 minutes of model railway **ACTION!**

EXCLUSIVE FIRST REVIEW
HORNBY'S PECKETT
0-4-0ST Full details of this 'OO' marvel



HORNBY

magazine

Issue 115 **January 2017** USA \$12.99 · CAD \$13.99 · AUS \$12.95 **UK £4.40**

www.hornbymagazine.com

FULL REPORT

HORNBY REVEALS NEW

'DUCHESS' '87' AND 'IEP' FOR 2017!

Plus 'Toad' brake van and more for 'OO' gauge

WARLEY 2016



16 PAGES OF NEW MODELS AND PRODUCTS



REVITALISE MODELS

How to overhaul old locomotives



DECODERS ON TEST

Our guide to 8-pin DCC chips



DETAIL YOUR LAYOUT

Bring your lineside to life



PLUS

- Three stunning feature layouts
- Staff Projects
- Dapol Class 08 first review
- Full event listings

KEY



9 771753 246076

Cobalt Alpha

By DCCconcepts



Alpha-Power

Cobalt Alpha-Power is a top quality Power supply for use with DC or DCC systems and it is also perfect for the Accessory power bus.

Alpha-Power has fast-acting overload protection that will instantly turn power off in the case of significant overload, giving you both audible and visible indication of overload or wiring problems and a reset is simple - Just turn the power switch off and on again.

Properly regulated for consistent results it will deliver a stable 18v DC at 5 amps irrespective of your local mains power levels.

CE and FCC approved and usable with mains voltages from 100 to 240v AC, Alpha Power is suitable for use in most parts of the world.

The natural partner for Alpha-Box, Alpha-Power has both DC output plug and screw terminal connections, so it is also an ideal choice for most DCC systems as well as DC users needing more power.



Alpha-Box

Initially conceived as a way to bring the magic of Cobalt Alpha to ALL modellers, DC or DCC, Alpha-box really IS something special. In fact we think that Alpha-Box is the best power booster available!

We really wanted maximum cross-brand compatibility so Alpha-box is very versatile ... as a result it's perhaps best described as the "Swiss Army Knife" of DCC power boosters because it offers so much more than ANY other power booster you can buy anywhere.

Alpha-Box has inputs at track power and command bus level plus a powerful 5 amp output that's well protected by fast acting short circuit overload protection. As a result it is the perfect upgrade for ALL brands of DCC start set from Bachmann EZ command to other train-set DCC controllers as well as those from more specialised brands.

NCE users really love it. Power Cab and Power Pro plug straight in, becoming fully "Cobalt Alpha" compatible systems with the addition of 5 amps of very clean track power. Other brand users really like it too... and "interface adapters" are available where needed!

Cobalt Alpha products are DCC compliant & are carefully designed from the ground up to make the wiring of your control panels very simple. Using them can reduce wiring between the control panel and layout to a single cable.

The Cobalt Alpha range and all other DCCconcepts products are distributed world-wide by DCCconcepts Pty Ltd. Our products are also distributed in the UK by Gaugemaster Controls Ltd.

Alpha Central



It just does NOT get any easier than this!

Cobalt Alpha Central is literally a complete and ready-to-use digital control panel for 12 points... in a box!

It's so simple instructions could read "Unpack-Plug in-Change points"

Alpha Central can be connected directly to any model NCE system - however the other brands are not forgotten. Alpha central will work well with any DCC system at all if used in combination with the very clever Alpha-Box, with the combination adding 5A of clean power AND full digital accessory control to the most basic of starter sets. With Alpha-Box it improves the power & performance of basic systems such as Prodigy & Prodigy Express. They also add the luxury of almost wire-free manual control-panel operation to systems from EZ Command to Z21 or ECoS.

Multiple Alpha-Central units can be linked together to control up 2000+ Accessories and addressing your Accessory decoders becomes incredibly simple once you have installed Cobalt Alpha in ANY of its forms as your DCC control interface.

Alpha

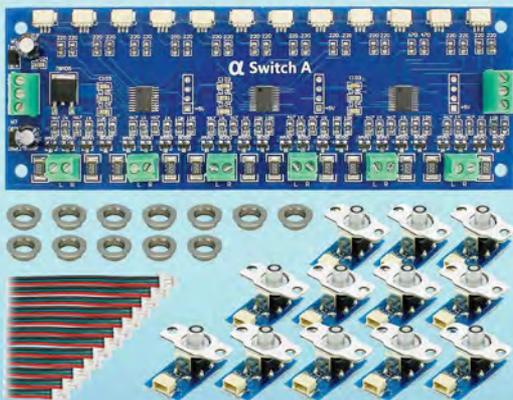


The very Heart of Alpha. Cobalt Alpha interprets commands from ANY momentary switch & turns them into a digital signal.

Cobalt Alpha allows you to connect ANY form of switch from "Stud and Probe" to a simple push-button. Alpha is of course also ideally suited for Cobalt-S Levers and the sophisticated, "Easy-to-connect" Alpha-Switch-D shown below.

No matter what choice you make for your switches, the wiring is greatly simplified and reduced as Alpha will digitise all of the switch commands, meaning that nothing needs long direct wiring. Because of this your ENTIRE Control panel could then need as little as ONE cable to connect it to the layout.

For quality "Mimic" panels without soldering and no complex wiring if any kind, we recommend that you take a look at Cobalt Alpha and Alpha-Switch-D. It really IS as easy as using LEGO!



Alpha-Switch-D

Cobalt Alpha-Switch-D is a sophisticated but super-easy to install switching system for Mimic panel control of DCC Accessories.

Usable on its own with Accessory decoders that have added switch connections or just combined with Cobalt Alpha itself, it is the SIMPLEST form of Accessory switch wiring you'll find anywhere.

Each switch includes its own indicator LED and connects simply and directly to the control PCB.

Wiring a panel takes no time at all and it really IS as simple as assembling Lego! Full instructions are supplied - we even show you a simple way to create a top quality control panel for them!

The little things really CAN Make a big difference!



A 6-wire curly Cord is often supplied with the appropriate Cobalt Alpha models.

This 6-wire cord is also available as a separate item of course. (The part number is DCD-ACL).

NCE / ROCO users will love it as it can easily replace inconvenient flat cables that are supplied with those DCC system brands as it is much more convenient to use.

Cobalt Alpha makes the wiring of control panels quick and easy!

DCC thinking outside the square
concepts

HORNBY magazine

January 2017

Editor: Mike Wild
Assistant Editor: Mark Chivers
Senior Designer: Steve Diggle
Sub-editor: Andrew Roden
Contributors: Evan Green-Hughes, Brian Stephenson, Trevor Jones, Tim Shackleton, Nigel Burkin, Graham Gaches, Paul Chetter, Julia Scarlett, Mike Bisset, Peter Midwinter, John Thompson, Jeff Wetherell and Robbie McGavin.

EDITORIAL ADDRESS

Hornby Magazine, Key Publishing,
PO Box 100, Stamford, Lincolnshire PE9 1XQ
Tel: 01780 755131
Email: hornbymagazine@keypublishing.com
Website: www.hornbymagazine.com

ADVERTISING

Advertising Manager: Sarah Jarman
Email: sarah.jarman@keypublishing.com
Telephone: 01780 755131
Mobile: 07969 471756
Sales Executive: Liz Ridge
Email: elizabeth.ridge@keypublishing.com
Telephone: 01780 755131
Advertising Production: Rebecca Duffy
Tel: 01780 755131 **Fax:** 01780 757261
Email: rebecca.duffy@keypublishing.com

ADVERTISING ADDRESS

Hornby Magazine, Key Publishing Ltd,
Po Box 100, Stamford, Lincolnshire PE9 1XQ

SUBSCRIPTIONS/MAIL ORDER

PO Box 300, Stamford, Lincolnshire PE9 1NA, UK
Tel: 01780 480404
Email: Subscriptions - subs@keypublishing.com
Email: Mail Order - orders@keypublishing.com

PUBLISHING

Publisher: Adrian Cox
Managing Director: Adrian Cox
Commercial Director: Ann Saundry
Group Marketing Manager: Martin Steele
Chairman: Richard Cox
Webmaster: Simon Russell
Registered Office: Units 1-4, Gwash Way Industrial Estate,
Ryhall Road, Stamford, Lincolnshire PE9 1XP

PRINTING

Precision Colour Printing Ltd, Haldane, Halesfield,
Telford, Shropshire TF7 4QQ.

DISTRIBUTION

Seymour Distribution Ltd.,
2 Poultry Avenue, London. EC1A 9PP
Tel: 020 7429 4000

Having difficulty obtaining your copy of *Hornby Magazine*?
Please contact the subscriptions team using the details above.



© Key Publishing Ltd 2016

All rights reserved. No part of this magazine may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without prior permission in writing from the copyright owner. Multiple copying of the contents of the magazine without prior written approval is not permitted.

Material sent to the Editor, whether commissioned or freely submitted, is provided at the contributor's own risk; Key Publishing Ltd cannot be held responsible for loss or damage howsoever caused.

The opinions and views expressed by authors and contributors within *Hornby Magazine* are not necessarily those of the Editor or Key Publishing.

We are unable to guarantee the bona fides of any of our advertisers. Readers are strongly recommended to take their own precautions before parting with any information or item of value, including, but not limited to, money, manuscripts, photographs or personal information in response to any advertisements within this publication.

HORNBY is a registered trade mark of Hornby Hobbies Limited and is used under licence.



Audit Bureau of Circulation 30,846
newsstand and digital sales.

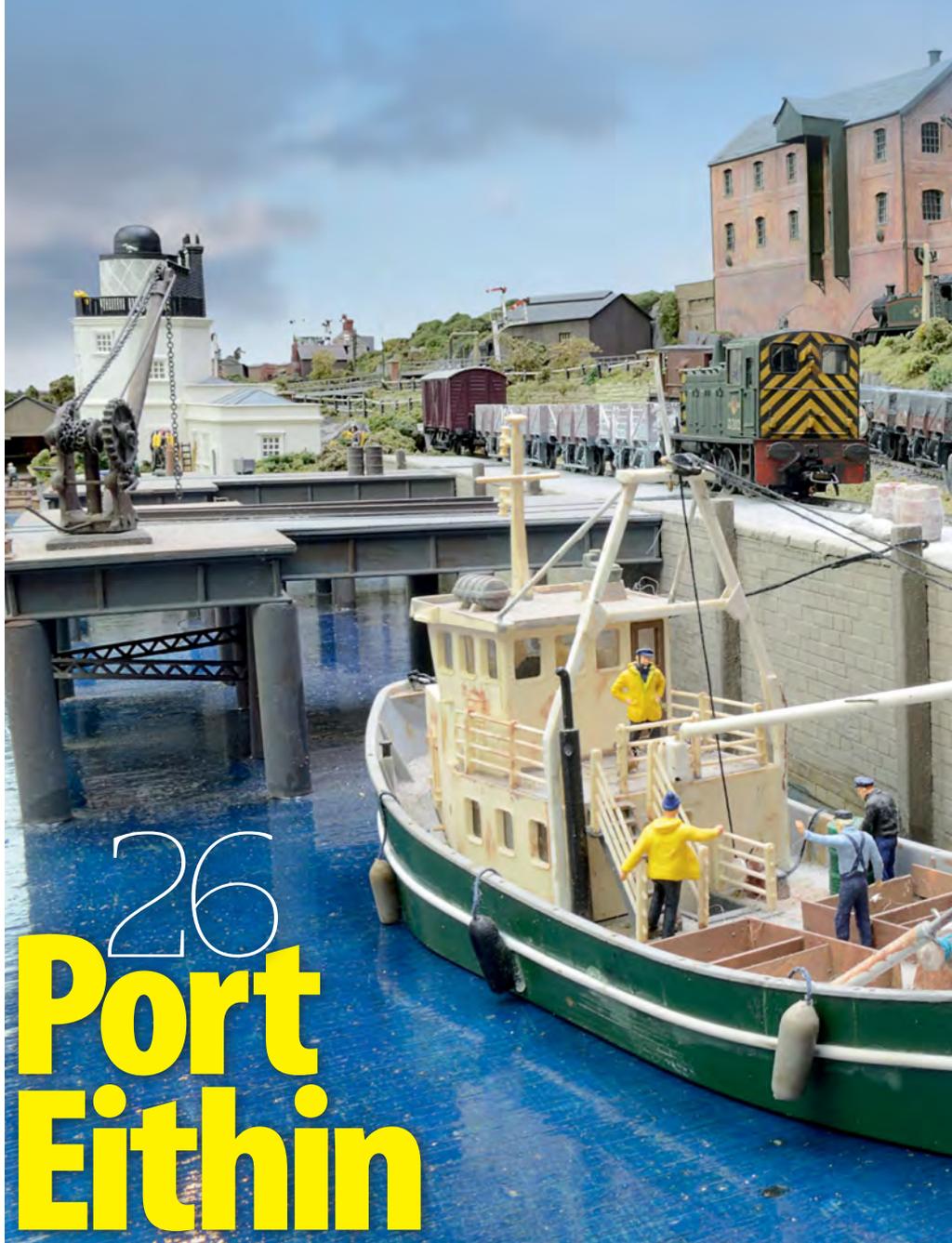
Hornby Magazine is published on
the second Thursday of each month
preceeding the cover date.

ISSUE
115

HORNBY magazine

LATEST OFFERS

See pages 66-67 for full details.



26 Port Eithin

WE SHOW YOU HOW!

36 WORKBENCH
Tim Shackleton takes a pair of 'OO' Lima Brush Type 2s and improves the appearance and running characteristics of these veteran models with simple upgrades.

48 CONSTRUCTION
Small details can make such a difference to a layout as Nigel Burkin illustrates while adding Wills' point rodding and ground frame kits to his 'OO' gauge project layout.



96 DCC SOUND
Paul Chetter takes a retrospective look at installing DCC sound and more within older locomotive chassis, starting with Hornby's 'OO' gauge Stanier 2-6-4T.



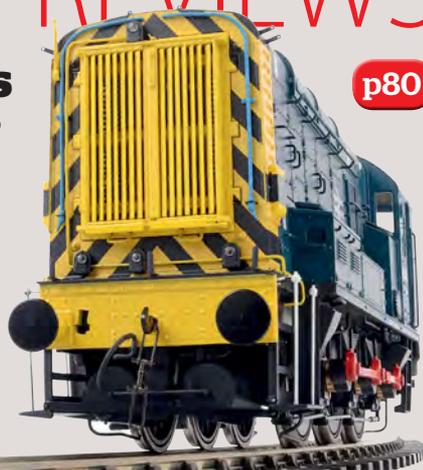
WE'VE GONE SOCIAL!
Follow us on your favourite social media sites.
You'll find the latest news, images and exclusive videos! Search *Hornby Magazine*.

Inside...

- 7 EDITORIAL**
Mike Wild reflects on the promises of the Warley National Model Railway Exhibition.
- 8 UPDATE**
Hornby reveals three new locomotives for 2017 plus all the latest news from the Warley National Model Railway Exhibition in Birmingham.
- 26 PORTHEITHIN**
Peter Midwinter looked to Cornwall for inspiration when developing this stunning 'OO' gauge BR Western Region layout, set in the 1950s and 1960s on a fictitious china clay harbour branch.
- 42 EQUIPMENT GUIDE**
With interest in digital operation on the up, Mark Chivers looks at a selection of 8-pin Digital Command Control (DCC) decoders from the popular brands.
- 54 HORNBY POST**
Your views, opinions and comments from the *Hornby Magazine* postbag.
- 58 KILBOWIE**
John Thompson opted for 1962 as the timeline for his outstanding 'OO' gauge exhibition layout, modelling Glasgow's industrial suburbs with plenty of steam and diesel traction.
- 72 REALITY CHECK**
Peckett and Sons of Bristol was a prolific supplier of locomotives to industry, including the popular 'W4' 0-4-0ST, as Evan Green-Hughes explains.
- 88 MODEL ART**
Art comes in many forms, as Robbie McGavin reveals with this sensational selection of digitally manipulated photographs of his 'OO' gauge models set in prototypical landscapes.
- 104 CAXTON GIBBET**
An idyllic branch line in Cambridgeshire is the setting for Jeff Wetherell's 'OO' gauge slice of 1950s East Anglia, a scene far removed from his usual industrial modelling.
- 112 RAILWAY REALISM**
With more than half a century of railway service under its belt, the Class 08 diesel shunter is amongst the most successful designs introduced under British Rail, as Evan Green-Hughes recalls.
- 116 STAFF PROJECTS**
Always up for a challenge and with the Warley National Model Railway Exhibition rapidly approaching, Mike Wild re-engineers a selection of locomotive sound installations with dramatic effect.
- 118 READER PROJECTS**
Hornby Magazine presents your latest model building and layout projects.
- 120 SHOW GUIDE**
Hornby Magazine's guide to forthcoming events.

FIRST REVIEWS

68 Hornby's Peckett 'W4' 0-4-0ST for 'OO'
80 Dapol's 'O' gauge Class 08



p80

ALSO REVIEWED

68 All the latest models including Hornby's diminutive 'OO' gauge Peckett 'W4' 0-4-0ST, Dapol's 'O' gauge Class 08 diesel shunter, Hornby's stunning 'OO' gauge Gresley Collection and much more.



p68

Don't follow
the crowd.
Let the crowd
follow you.



Designed,
manufactured
and tested by
hand in Vienna.

LEADING THE DIGITAL REVOLUTION

PREMIUM SOUND DECODERS

A family of reliable, powerful and highly specified DCC sound decoders and accessories to suit all scales and gauges. ZIMO's legendary silky-smooth motor control achieves optimal performance from all mechanisms, including coreless.



MX649 Micro-sized sound	MX658 Next 18 option	MX648 Ideal for 'N' gauge	MX644 The 21-pin solution	MX645 Best seller in 'OO'	SC68 supercap Stay alive for MX645	MX699 New for 'O' gauge
----------------------------	-------------------------	------------------------------	------------------------------	------------------------------	---------------------------------------	----------------------------

NEXT GENERATION SPEAKERS

A range of miniaturised speakers, with matching resonance chambers, provide unrivalled sound quality for their size. We offer optimised solutions for 'N' gauge through to several 3D printed twin speaker arrangements ideal for 'OO' gauge.



LS 12x08x08 Micro cube 1W	LS 15x11x12 Sugar cube 1W	LS 18x13x13 Cube 1W	LS 26x20x08 3D optimised 1W	LS 40x20x09 3D optimised 1W	LS 40x22x09 Twin speaker 2W	LS 50x15x14 Twin speaker 2W	LS 55x22x09 Twin speaker 2W
------------------------------	------------------------------	------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------	--------------------------------

COMPREHENSIVE SOUND LIBRARY

A comprehensive collection of British steam, diesel and electric locomotive sound projects is available from these established specialists. Your choice of project will be loaded on to a ZIMO sound decoder, with full customer support provided as standard.

Digitrains	www.digitrains.co.uk	01522 527731
YouChoos	www.youchoos.co.uk	08447 725052
Coastal DCC	www.coastaldcc.co.uk	01473 710946
Mr Soundguy	www.mrsoundguy.co.uk	01983 531443

ASK FOR ZIMO BY NAME

Relax in the knowledge of a decoder brand chosen as standard by **Roco, Fleischmann & Sutton's Locomotive Workshop** plus a three-year manufacturing warranty. The flagship MX10 command station, decoders, speakers and accessories are available only from all these approved retailers. RAIL EXCLUSIVE (Distributor) 01780 470086; DCC Train Automation 01823 429309; EDM Models 01904 331973; Wickness Models 01387 738175; Garden Rail Specialists (large scale service only) 01844 345158.

WELCOME

THE EDITOR'S PAGE



THE DUST is settling on the 2016 Warley National Model Railway Exhibition where Hornby revealed its plans for new models in 2017 - and with a distinct leaning towards express motive

power. Topping the bill is an all new Stanier 'Duchess' 4-6-2 which is to be joined by a Class 87 Bo-Bo electric and the new Hitachi Class 800 'IEP' units - all for 'OO' gauge.

The 'Duchess' and Class 87 are great additions which model two important West Coast Main Line express locomotives. Both have been produced before - in fact the 'Duchess' has been a staple since Hornby Dublo days - while the '87' was once produced by Lima. However, these new items bear no relation to their predecessors other than that they model the same class. Both are being produced from scratch.

Moreover the new 'Duchess' is bringing something new with it too. Not only will it model the 'classic' Stanier designed locomotives, but also the final two which were built to a revised design overseen by

Ivatt. This will be the first time that these two locomotives have ever been produced in a mainstream ready-to-run model.

These three new items join the Wainwright 'H' 0-4-4T, two new variations on the BR Mk 1 carriage and a makeover for the GWR 'Toad' brake van to create the start of a bustling range of new items for the year ahead. However, that isn't all as Hornby will be launching its full catalogue in January and we will be bringing you a full report on its contents in the next issue of *Hornby Magazine*.

Back to Warley, and what a weekend it was. The *Hornby Magazine* team debuted Grosvenor Square on the magazine stand and it was great to meet so many readers and get their feedback on the latest project layout. Next year it will be bigger still!

This show is always exceptionally busy - and not just in visitor numbers. A stunning range of new products were announced and on show during the weekend covering all manner of locomotives and rolling stock. Highlights included the first sample of the Bachmann Brighton 'Atlantic', Heljan's Class B tankers and new DMU announcements from Realtrack models in the form of the Class 142 and 156 - all for 'OO' gauge. Plus Kernow Model Rail Centre had its

GWR '1361' samples on display together with its latest version of the London and South Western Railway Gate stock.

In 'O' there was the chance to inspect Heljan's first sample of its Class 128 Diesel Parcels Unit while in 'N' gauge Bachmann showed the latest samples of its Class 40 and autococh for the Graham Farish range amongst others.

This issue we have put together full coverage of the event and all the announcements for a special 16 page 'Update' section, but that isn't all. We've got an exclusive first review of Hornby's new Peckett 'W4' 0-4-0ST too which will be arriving in the shops during December. Plus we have three superb feature layouts and a range of projects from the *Hornby Magazine* team to sink your teeth into.

All that remains is to wish each and every *Hornby Magazine* reader a Merry Christmas and Happy New Year. See you in 2017.

Happy modelling!

Mike Wild
Editor, *Hornby Magazine*

IN YOUR MAGAZINE THIS JANUARY

FREE DVD

Indulge in 50 minutes of exclusive model railway footage compiled by the *Hornby Magazine* team including feature layouts, projects and more.

FIRST REPORT

08 Hornby has announced three new locomotives and more for its 2017 range. Get the full story

EQUIPMENT GUIDE

42 We investigate the world of 8-pin decoders and assess their abilities side-by-side.

REVIVE YOUR MODELS

36 Discover how to refresh and revive old locomotives with our guide to the Lima Class 31.

PLUS

Feature layouts, Staff Projects, a full review of Dapol's 'O' gauge Class 08, Reader Projects, the Show Guide and much more.

FREE DVD 50 minutes of model railway ACTION!

EXCLUSIVE FIRST REVIEW HORNBY'S PECKETT 0-4-0ST Full details of this 'OO' marvel

HORNBY magazine

Issue 115 January 2017 USA \$19.99 CAD \$19.99 AUS \$12.95 UK £4.40

www.hornbymagazine.com

FULL REPORT HORNBY REVEALS NEW 'DUCHESS' '87' AND 'IEP' FOR 2017! Plus 'Toad' brake van and more for 'OO' gauge

WARLEY 2016 16 PAGES OF NEW MODELS AND PRODUCTS

REVITALISE MODELS How to overhaul old locomotives

DECODERS ON TEST Our guide to 8-pin DCC chips

DETAIL YOUR LAYOUT Bring your lineside to life

PLUS • Three stunning feature layouts • Staff Projects • Dapol Class 08 first review • Full event listings

FIRST REVIEW

68 Hornby's new Peckett 0-4-0ST for 'OO' gauge headlines the review section for an exclusive viewing. We reveal all in our full test of this tiny saddle tank.

WARLEY 2016

Bachmann: Get the latest on the Brighton 'Atlantic', 'Coal Tank' and more.

Heljan: 'OO' and 'O' gauge highlights including the '1366' 0-6-0PT and Class 128 Diesel Parcels Unit.

Dapol: The latest Class 68 and 122 samples and more.

Plus: Highlights from Oxford Rail, Hatton's, Realtrack Models, Kernow, Locomotion Models, Revolution Trains and more.

LINESIDE DETAILING

48 We show you how to bring life to your trackside using readily available products and simple steps.

Stanier 'Princess Coronation' leads Hornby into 2017



STANIER 'DUCHESS' MODEL SPECIFICATION

Cat No:	R3553 – 6231 <i>Duchess of Atholl</i> , LMS crimson R3555 – 46256 <i>Sir William A Stanier FRS</i> , BR lined maroon R3509TTS – 46235 <i>City of Birmingham</i> , BR lined green (TTS)
Scale:	'OO'
Price:	£189.99
Period:	1937-1964
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets
Motor:	Five pole
Lighting:	None
DCC sound:	Provision for a 28mm round speaker to be installed

HORNBY IS TO PRODUCE a brand new model of the Stanier 'Princess Coronation' 4-6-2 for release in 2017 in 'OO' gauge.

The announcement came at the Warley National Model Railway Exhibition, and the model is planned for release in the third quarter of the new year and will allow Hornby to model all of the class after removal of the streamlined casing including the final two delivered under Ivatt.

The class was introduced to the LMS by Sir William Stanier with construction of the fleet of 38 locomotives taking place between 1937 and 1948. All were built at Crewe Works with the final two, to a modified design by George Ivatt, delivered in 1947 and 1948. All were withdrawn by 1964 and three have been preserved: 6229 *Duchess of Hamilton* at the National Railway Museum in streamlined form, 6233 *Duchess of Sutherland* with the Princess Royal Class Locomotive Trust and 6235 *City of Birmingham* at the Thinktank museum. Only 6233 is currently in operational and main line registered condition.

Hornby's new model is to be released as 6231 *Duchess of Atholl* in LMS lined crimson (Cat No. R3553), 46256 *Sir William A. Stanier FRS* in BR lined maroon (R3555) and 46235 *City of Birmingham* in BR lined green with a Twin Track Sound (TTS) decoder installed from the factory (R3509TTS).

Hornby Researcher Paul Isles said: "The 'Duchess' has always been a Hornby locomotive, but previously

we haven't had the tooling to do the last two and that is what has driven the choice. This is a completely new tooling from the ground up and the old tooling has been withdrawn."

The new tooling caters for all variations without streamlined casing including 'semi' streamlined locomotives with the original slope fronted smokebox, with and without smoke deflectors, Ivatt locomotives and more. Paul



New 'Toad' from Hornby

The Great Western Railway 'Toad' brake van is to be the subject of a new model from Hornby in 2017 for 'OO' gauge.

The model will cover the 378 diagram AA15 four-wheel vehicles which were built between 1918 and 1926 in six different lots. It will feature NEM coupling pockets, turned metal wheels and separate handrails throughout. Hornby Researcher Paul Isles said: "The 'Toad' will have the same level of detail as we would put into a locomotive."

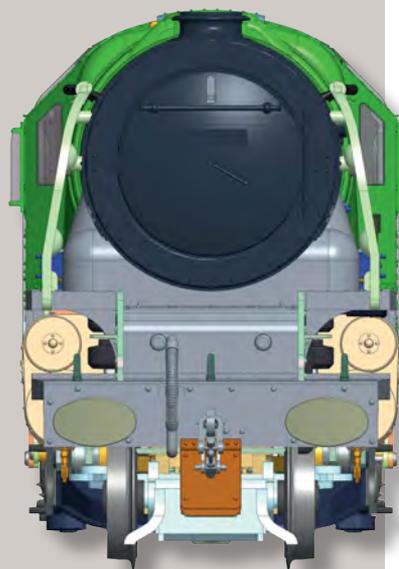
Initially the new 'Toad' will be released in GWR grey as 56866 with Rogerstone lettering (Cat No. R6823) and BR freight grey as W68571



(R6824). The price per van will be £21.99 with delivery anticipated towards the end of 2017.

This new version of the 'Toad' will replace the former Airfix model which has been part of the Hornby range for many years.

● Visit www.hornby.com for more information.



Isles added: "There are around half a dozen different tenders which we have tooled for."

The new 'Duchess' will feature a five-pole motor mounted in the locomotive with a tender mounted 8-pin Digital Command Control decoder socket. Space will also be provided for installation of a 28mm round speaker in the tender while NEM coupling pockets will be provided front and rear. Other items on the specification include coal pusher detail in the tender, a removable plastic coal load and a fully detailed cab interior.

CAD drawing and stereo sampling have already been completed for this model with work to create the new 'Duchess' moving from design to tooling at the end of 2016.

● Visit www.hornby.com for more information.

Stanier 'Princess Coronation' 4-6-2 46242 City of Glasgow climbs Camden bank with a down express on September 16 1960.

Rail Archive Stephenson.



Hornby shows 'MN' livery samples

Hornby has released the first images of the decorated samples of its new 'OO' gauge model of the Bulleid 'Merchant Navy' 4-6-2.

First in are Southern Railway liveried 21C1 *Channel Packet* (R3434) and 21C3 *Royal Mail* (R3435) which display detail differences in their colour schemes as well as differences

to the air-smoothed casing.

Two BR liveried examples are also on the way covering 35028 *Clan Line* (R3436) in DCC ready format and 35023 *Holland-Afrika Line* with a Twin Track Sound decoder (R3382TTS).

The original condition 'Merchant Navy' is due to be released in the first quarter of

2017 with the specification including a five pole motor in the locomotive and an 8-pin DCC decoder socket in the tender.

The price per model is £164.99 for the DCC ready versions and £184.99 for the TTS sound fitted version.

● Visit www.hornby.com for more information.

'B17' joins RailRoad



Hornby has revealed that the Gresley 'B17' 4-6-0 will be the next addition to its popular 'OO' gauge RailRoad range of rolling stock designed to offer a lower price

entry to the model railway hobby.

The 'B17' will be based on the 1980 introduced body, but with a brand new DCC ready chassis featuring

a locomotive drive mechanism. The first version will be released as 2864 *Liverpool* in LNER lined apple green priced at £84.99 (Cat No. R3588). Delivery is currently scheduled for October 2017.

Hornby is currently developing the CAD drawings for the new chassis design which will include a weight increase, driven by the centre axle from a firebox mounted motor and compatibility with Digital Command Control through an 8-pin decoder socket in the tender. Reduced decoration, compared with main range models, will be a feature of the RailRoad model helping to maintain its lower price point.

● Visit www.hornby.com for more information.



Hornby goes overhead with CLASS 87

FIRST REPORT

HORNBY HAS REVEALED that it will be producing a brand new model of the BR Class 87 Bo-Bo overhead electric for release in the fourth quarter of 2017.

Announced at the Warley National Model Railway Exhibition, the new Class 87, which owes nothing to the former Lima product, will retail at £169.99 with pre-orders open now through Hornby direct and its retailer network.

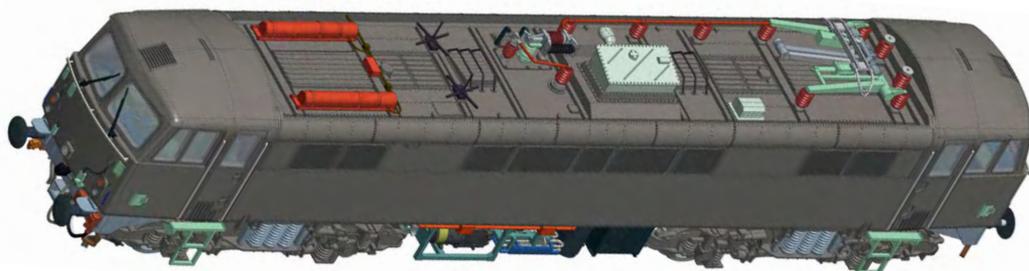
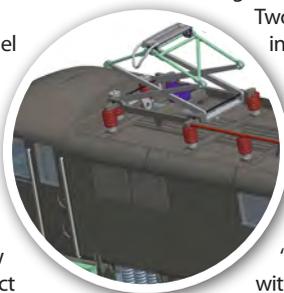
The Class 87 25kV AC overhead electrics were introduced in 1973 and 36 were built over a two year period by BREL Crewe. They were designed for use on expresses from London Euston to Glasgow via the West Coast Main Line and the last were withdrawn from passenger service in 2006, although one remains in use by Caledonian Sleeper as a standby locomotive and for hauling empty coaching stock at London Euston.

Hornby's new model will cater for original and later modified locomotives including changes to the jumper cables on the cab front, early cross-arm and later high-speed pantographs and the addition of Halon fire extinguishing cylinders on the roof in their later careers. The tooling will allow for all major UK variations apart from the unique 87101 *Stephenson*.

Hornby Researcher Paul Isles commented: "We've been talking about doing an overhead electric for some time. It was a choice

between doing the Class 87 or the Class 91. The Class 87 goes with our existing Mk 1, Mk 2 and Mk 3 stock. It fulfils all of our criteria – named locomotives, different liveries – and it goes with our range."

Two versions are planned initially: 87035 *Robert Burns* in BR blue in original condition with a cross-arm pantograph (Cat No. R3580) and 87010 *King Arthur* in BR Intercity 'Executive' livery with a high-speed pantograph (R3582). Both will feature directional lighting, an 8-pin DCC decoder socket, provision for adding a 28mm



The new tooling for the Class 87 will cater for most major variations. This is a later period locomotive with high-speed pantograph and Halon fire extinguishing cylinders on the roof.

round speaker and a heavy die-cast chassis with all wheel drive.

Development of the Class 87 has been aided by Crewe Heritage Centre, which is home to preserved 87035 as a static exhibit. This locomotive, which is to be repainted into BR blue in 2017 to mark the 30th anniversary of the Crewe Heritage Centre, was subject to a full photographic and measurement

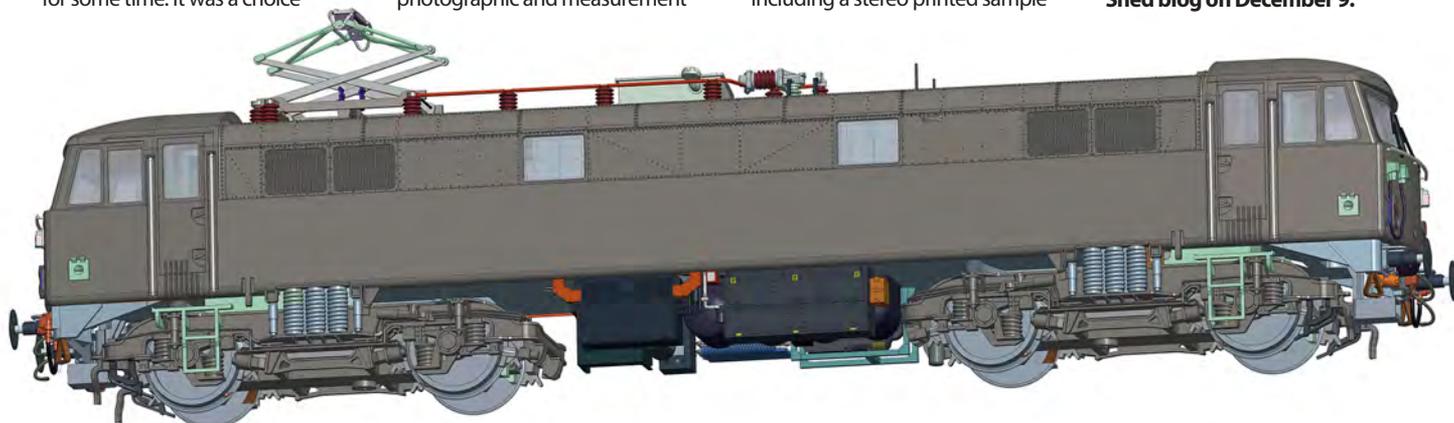
survey by the Hornby development team for creation of the new model.

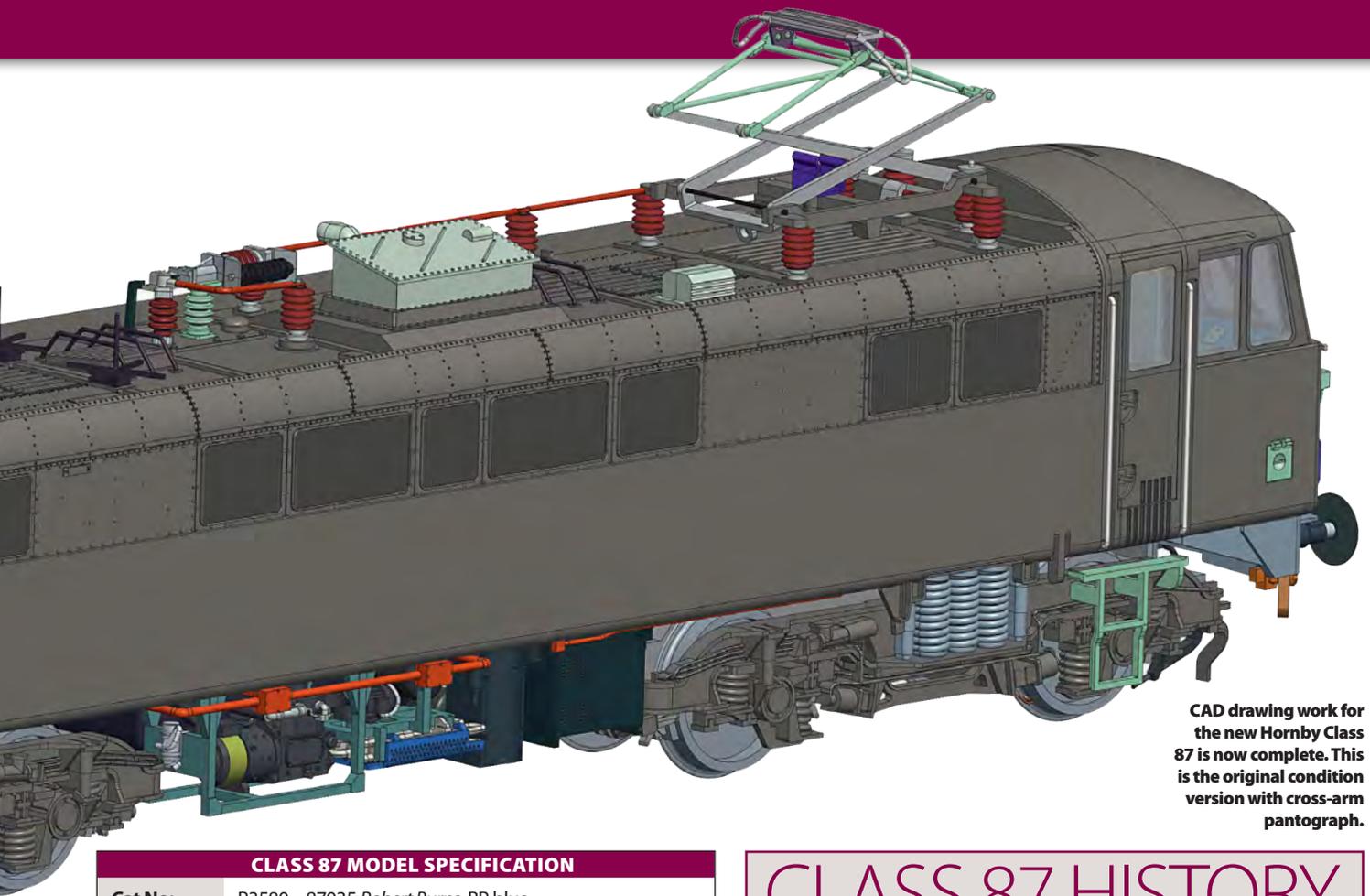
In addition Hornby also undertook a survey of 87001 *Stephenson/Royal Scot* at the National Railway Museum.

At the product launch at the Warley show Hornby took the opportunity to show the latest development of the model including a stereo printed sample

of the body and a 7mm scale 3D printed model of the cab produced to check the curves and profiles at a larger scale. The model is currently in the queue for tooling work to start at Hornby's Chinese factory site.

● Visit www.hornby.com to pre-order the new Class 87 and read more on the development story in Hornby's Engine Shed blog on December 9.





CAD drawing work for the new Hornby Class 87 is now complete. This is the original condition version with cross-arm pantograph.

CLASS 87 MODEL SPECIFICATION

Cat No:	R3580 – 87035 <i>Robert Burns</i> , BR blue R3582 – 87010 <i>King Arthur</i> , BR Intercity 'Executive'
Scale:	'OO'
Price:	£169.99
Period:	1973-2016
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets
Motor:	Five pole with flywheels
Lighting:	Directional with manual switching of taillights
DCC sound:	Provision for a 28mm round speaker to be installed



CLASS 87 HISTORY



On May 2 1984 Class 87 87017 arrives at Wolverhampton with a West Coast Main line express. Brian Robbins/Railphotoprints.co.uk.

The Class 87 overhead AC electrics were introduced in 1973. In total 36 were built by 1975 to serve on West Coast Main Line expresses between London Euston and Glasgow – their introduction following completion of electrification north of Crewe to Carlisle and Glasgow.

The '87' was derived from the Class 86 externally, although they differed most obviously in having a two window cab front and no central headcode box. They were designed for a maximum in service speed of 110mph and developed 5,000hp.

One locomotive differed from the rest: 87101. This locomotive had thyristor power control and was used, partly, as a testbed for equipment later used in the Class 90s. On entering service in 1976 it operated alongside the rest of the Class 87 fleet,

but it later transferred to the Railfreight Distribution sector before passing to freight operator EWS after privatisation.

In the 1980s the Class 87s had their multiple working equipment replaced with a new Time-Division Multiplex (TDM) system to allow them to operate with new Mk 3 Driving Van Trailers in push-pull formation.

Working alongside the Class 86s and Class 90s, the '87s' continued to provide daily service on the West Coast Main Line into privatisation when they passed into Virgin Trains service. However, the arrival of the Pendolino EMUs spelled the end for the fleet with the last of the class withdrawn in December 2006. Three have been preserved, including 87001 at the National Railway Museum, while 21 have been exported to Bulgaria and 12 have been scrapped.

IEPs for 'OO' with

ONE OF BRITAIN'S newest trains is amongst the range of new projects announced by Hornby at the Warley National Model Railway Exhibition in November – the Hitachi-built Class 800 Intercity Express Programme (IEP) trains for 'OO' gauge.

Hornby is beginning its new range of Class 800 models with the GWR Great Western Railway (GWR) operated bi-modal units (overhead 25kV electric and MTU diesel engines) which are set to enter traffic on the Great Western Main Line from London Paddington to the West in 2017. The first units are currently undergoing main line testing.

Hornby has worked closely with Hitachi Rail Europe in delivery of this new model with the manufacturer providing full CAD data to Hornby which it used to create the 'OO' gauge model.

The Class 800 is scheduled for release in October 2017 when it will be made available as a five-car train pack, provisionally numbered 800004 (Cat No. R3514) and priced at £374.99, in GWR livery together

with a two-car train pack containing Hitachi test train power cars in their unique pre-service livery (Cat No. R3579) which will be limited to 250 units and priced at £254.99.

The five-car unit represents a full length bi-mode Class 800/0 train for the GWR franchise. In total it will measure 1,706mm in 'OO' scale. Hornby Researcher Paul Isles commented: "Our plans are centred around the GWR sets which are first into service, but we do plan to produce further liveries in the future including Virgin Trains East Coast."

The model will feature one motorised car in each of the train packs with directional lighting being provided in each driving car. Two 8-pin DCC decoders will be required to operate the unit on a digital layout and space has also been provided for installation of a 40mm x 20mm rectangular speaker.

The first hand-painted stereo samples of the IEP models were displayed on Hornby's stand at the Warley show with the model currently in development for fine tuning of the mechanism.

● Visit www.hornby.com for more information.



Hitachi 'IEP' Class 800 800004 pauses at Reading during main line testing on October 4 2016. Christopher Wilson.

THE IEP STORY

Hitachi was awarded the manufacturing and maintenance contract in July 2012 for a total of 866 cars over 27½ years. The deal, which is reported to be the largest in the history of British railways and valued at £5.8billion, covers manufacture and delivery of the trains, new maintenance depots and infrastructure upgrades. Hitachi has invested £82 million in a manufacturing facility, at Newton Aycliffe in County Durham, to assemble the bulk of the trains, as well as covering maintenance and servicing of the fleet.

There are three sub-classes: the Class 800 bi-mode powered from either the 25kV overhead electric or 750hp MTU 12V 1600 R80L engines the Class 801 operating from the 25kV overhead supply and the Class 802 bi-mode, powered from either 25kV overhead or upgraded MTU 12V 1600 R80L engines that deliver 940hp per engine.

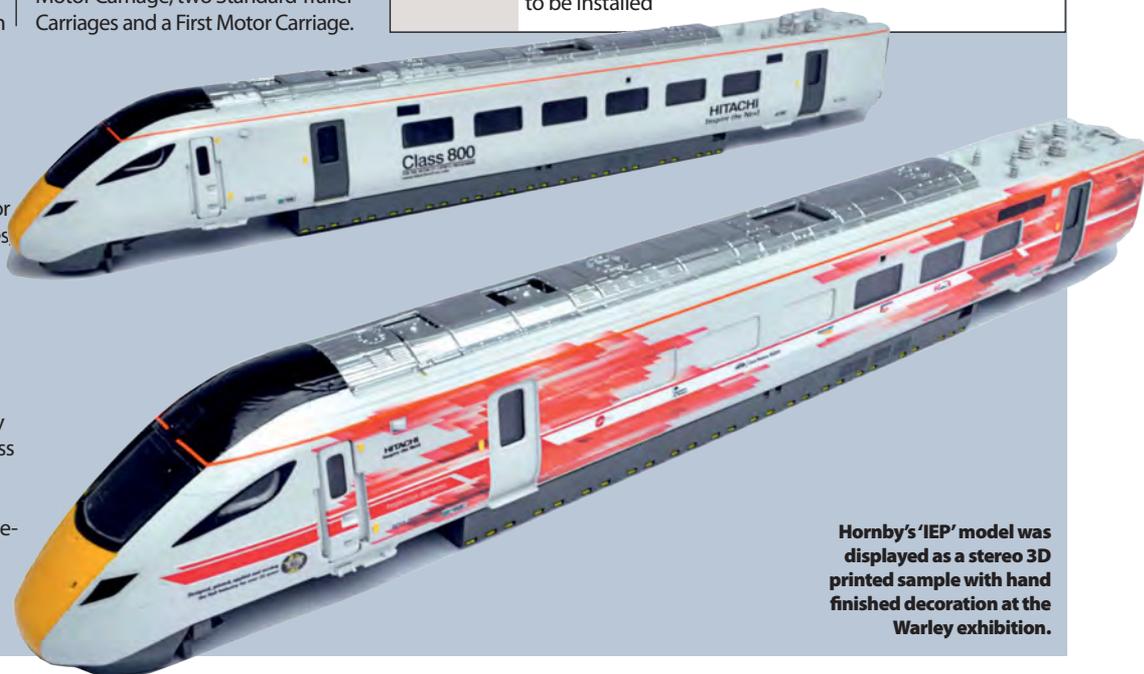
The roll-out begins between May and July 2017 with the five-car Class 800/0 sets on the Great Western Main Line and will be followed by the introduction of Class 800/1 nine-car sets and Class 800/2 five-car sets on the East Coast Main Line.

The five-car Class 800/0 has a seating capacity of 45 in First Class

and 270 in Standard Class, with the nine-car Class 800/1 having a seating capacity of 101 in First Class and 526 in Standard Class. Five-car sets are made up from a Standard Driving Car, two Standard Motor Carriages, a Composite Motor Carriage and Composite Driving Car, with the nine-car versions having an additional Standard Motor Carriage, two Standard Trailer Carriages and a First Motor Carriage.

HITACHI CLASS 800 MODEL SPECIFICATION

Cat No:	R3514 – 800004 in GWR green, five-car formation R3579 – 800002 in Hitachi test livery, two-car train pack
Scale:	'OO'
Price:	£374.99 and £254.99 respectively
Period:	2017 forwards
DCC:	DCC ready, 8-pin socket (x2)
Couplings:	NEM pockets with close couplings
Motor:	Five pole
Lighting:	Directional head and tail lights
DCC sound:	Provision for a 40mm x 20mm rectangular speaker to be installed



Hornby's 'IEP' model was displayed as a stereo 3D printed sample with hand finished decoration at the Warley exhibition.

Hornby



Wainwright 'H' first sample



Hornby has received the first running sample of its recently announced South Eastern and Chatham Railway (SECR) 'H' 0-4-4T for 'OO' gauge (HM113).

The model is planned for release in late 2017 with a price of £109.99

per model. Two versions are on the cards covering SECR and BR liveries although exact locomotive numbers had yet to be confirmed as *Hornby Magazine* closed for press.

● Visit www.hornby.com for more information.

Hornby first quarter releases

Hornby has updated details of the models which are to be released during the first quarter of 2017. Models to arrive are:

JANUARY 2017

Peckett 0-4-0ST, Huntley and Palmers blue	R3429
LNER 'B12' 4-6-0 61580, BR lined black, late crests	R3432
SR 'Merchant Navy' 21C1 <i>Channel Packet</i> , Southern Railway green	R3434
SR 'Schools' 4-4-0 921 <i>Shrewsbury</i> , Southern Railway black	R3458
Four-plank wagon, Westleigh Stone and Lime Co	R6743
Four-plank wagon, North Bitchburn Coal Co	R6744
Four-plank wagon, Hingley and Sons Ltd	R6745
Four-plank wagon, Stephens and Co	R6746
Five-plank wagon, Walter Burt	R6747
Five-plank wagon, Foster Wilson	R6748
Five-plank wagon, Farndon	R6749
Five-plank wagon, Shap Tarred Granite	R6750

FEBRUARY 2017

SR '0415' 4-4-2T 3125, Southern Railway black	R3422
SR 'West Country' 34032 <i>Camelford</i> , BR lined green, early crests	R3445
SR 'Battle of Britain' 34077 <i>603 Squadron</i> , BR lined green, late crests	R3468
Class 08 13363, BR green	R3484
LNER Thompson non-corridor Composite, LNER teak effect	R4572A
LNER Thompson non-corridor Third, LNER teak effect	R4573A
LNER Thompson non-corridor Brake Third, LNER teak effect	R4574A
Eight-wheel Pullman Parlour First <i>Lydia</i>	R4738
Eight-wheel Pullman Parlour Second No. 34	R4739
Eight-wheel Pullman Kitchen First <i>Argus</i>	R4740
Eight-wheel Pullman Kitchen Second No. 58	R4741
Eight-wheel Pullman Brake Second No. 162	R4742
EWS 100ton bogie tank wagon	R6772
BR VIX Ferry Van, BR bauxite	R6773
BR VJX Ferry Van, BR Railfreight, weathered	R6774
SR 12ton vent van, SR bauxite	R6775

MARCH 2017

SR '0415' 4-4-2T 30583, BR lined black, late crests	R3423
Class 08 08644 <i>Laira Diesel Depot: 50 years 1962-2012</i> , BR blue	R3485
Class 20 20163, BR blue (RailRoad with Twin Track Sound)	R3394TTS
Stanier Period III 68ft Restaurant Car, BR maroon	R4131C
Stanier Period III 57ft Corridor First, BR maroon	R4234B
Stanier Period III 57ft Corridor Second, BR maroon	R4235C
Stanier Period III 57ft Corridor Brake Second, BR maroon	R4236C
Hornby 2017 20ton tanker	R6798
LMS horse box, LMS crimson	R6799
LMS horse box, BR crimson	R6800
BR Seacow ballast hopper, 'Dutch' grey and yellow	R6832
Skaledale off licence	R9844
Skaledale butchers	R9845
Skaledale ironmongers	R9846
Skaledale greengrocers	R9847

TWIN TRACK SOUND GOES SOLO

Hornby is to release 10 of its Twin Track Sound (TTS) Digital Command Control (DCC) decoders as separate items allowing modellers to introduce the manufacturer's budget sound decoders to existing locomotives.

All will be provided with an 8-pin DCC decoder socket making them a direct fit into Hornby locomotives as well as other products supporting the 8-pin socket. Each TTS

decoder will be supplied with a 28mm round speaker.

The initial phase of releases will cover the LNER 'A1', 'A3' and 'A4' 4-6-2s, GWR 'King' and 'Castle' 4-6-0s plus the Class 31, 37, 47, 60 and 67 diesel locomotives.

Prices for individual decoders are £39.99 and each comes with a comprehensive manual explaining its abilities.

● Visit www.hornby.com for more information.



Brighton 'Atlantic' headli



THE FIRST ENGINEERING samples of Bachmann's 'OO' gauge model of the London, Brighton and South Coast Railway (LBSCR)

Marsh 'H2' class 'Atlantic' broke cover at the Warley National Model Railway Exhibition in November. The 4-4-2 was one of a collection of new product samples displayed by the manufacturer.

The 'H2' is expected to be released in 2017 priced at £179.95. Two versions are planned covering 2426 *St Alban's Head* in Southern Railway olive green (Cat No. 31-920) and 32424 *Beachy Head* in BR black with early crests (31-921).

Joining the 'Atlantic' for 'OO' were the first decorated samples

of the London and North Western Railway (LNWR) Webb 'Coal Tank' which is scheduled to arrive in March/April 2017.

The 0-6-2T will be available as 1054 in LNWR black (35-050), 7841 in LMS black (35-051) and 58900 in BR black with early crests (35-052). The price is £114.95 per

TMC launch new 'OO' bolster and plate wagons



TMC has revealed that it has commissioned Bachmann to produce models of the LMS/LNER 22ton four-wheel double bolster and plate wagons for release in 2017.

The models were shown as complete engineering samples at the Warley National Model Railway Exhibition with the full range comprising LMS/LNER 22ton double bolster wagon and LMS/LNER 20ton plate wagon in original, engineers and departmental guises.

Each vehicle is priced at £24.95 (£49.95 for twin packs) and will be available exclusively through TMC. Liveries will comprise LMS bauxite, LNER and BR freight grey, engineers black and olive green. The tooling suite offers three

types of axlebox together with riveted and welded sides or ends.

Also on display from TMC were decorated samples of a triple pack of 'OO' ale wagons with weathered finish. These Bachmann produced models (Cat No. 38-191Y) are priced at £59.95 each while a separate single weathered ale wagon is also available (38-191X) for £17.95. All use existing Bachmann 10ton non ventilated vans as their basis.

Announced during the show was a Southern Region cycle van limited edition using Bachmann's 2015 introduced four-wheel PMV van. Priced at £33.95 (39-526Z), the van features cycle logos above the vehicle numbers.

● Visit www.themodelcentre.com for more information.



nes Bachmann showcase



locomotive and each will be fitted with a Next18 decoder socket.

Current samples of the 'Warflat' bogie flat and South Eastern and Chatham Railway 'Birdcage' carriages were also on display (HM112).

In 'N' gauge Bachmann displayed new decorated samples of its 'N' gauge Hawksworth autococh together with the

undecorated samples of its Class 40. The autococh is expected in February/March 2017 priced at £34.95 while the Class 40 release

date has not yet been confirmed. It is anticipated as a 2017 arrival.

● Visit www.bachmann.co.uk for more information.

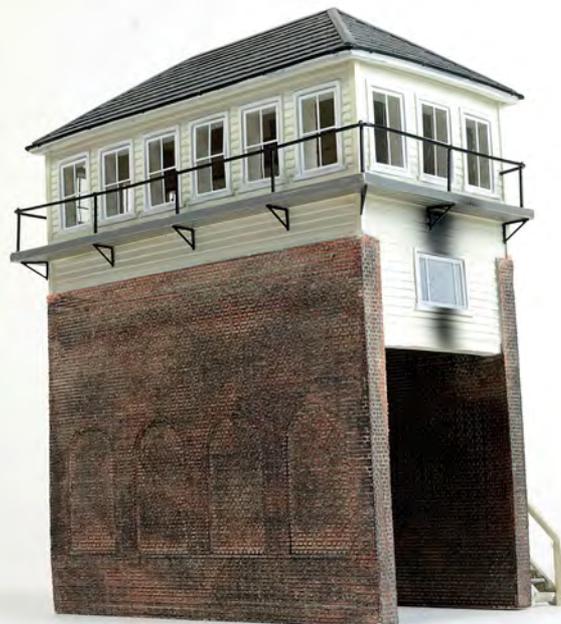
Limited 2-10-0

TMC has commissioned a Bachmann 'OO' model of BR's lowest numbered '9F' 2-10-0 92000 in BR black with late crests. The new release costs £169.95 (Cat No. 32-859Z) as a pristine model and TMC offers a range of custom weathered finishes together with renumbering, crew, coal load and decoder installation.

● Visit www.themodelcentre.com for more information.



Over-rail signalbox for 'OO'



TMC has commissioned an exclusive over-rail signalbox for 'OO' gauge from Bachmann. Produced by the manufacturer's Scenecraft arm, the building is priced at £69.99 and is available now (Cat No. 44-172Z). A number of options are available for additional cost. These include construction and installation of a signalbox interior, fitting of a custom nameboard and addition of a signaller at the levers.



● Visit www.themodelcentre.com to see the full range of options.

December-January

THE NEW GWR '1366' 0-6-0PT is expected to arrive in the shops during December with Heljan reporting that the new model was complete and shipping from China at the end of November.

Five versions of the '1366' are being produced covering a range of GWR and BR period locomotives and they are to be followed in the New Year by the manufacturer's five GWR '1361' 0-6-0STs.

Each locomotive has a 6-pin DCC decoder socket and the price is £159.95 per locomotive.

Also arriving soon from Heljan for 'OO' gauge is the 2015 announced models of the Class B and Class A four-wheel tankers. These are expected to arrive in January 2017 covering Class B oil tankers in Esso, Regent, Mobil and United Molasses liveries together with Class A fuel tankers in Esso, unbranded and weed control schemes. The wagons are priced at £24.95 each.

● Visit www.heljan.dk for more information.

Heljan's '1366' (left) is due to arrive in December followed by the '1361' (right) in January.



Class 07 first look

Heljan offered a first glimpse of its 'OO' gauge model of the BR Class 07 diesel shunter at the Warley National Model Railway Exhibition. The early engineering sample, which was to receive further work, showed bonnet detail and an under development cab. The '07' is expected in 2017, although pricing is yet to be confirmed.

● Visit www.heljan.dk for more information.



L&B 2-6-2T due February

The first ready-to-run 'OO9' offering from Heljan, the Lynton and Barnstaple Railway 2-6-2T, is expected to arrive in February 2017. The new locomotive was displayed as a fully decorated sample at the Warley exhibition in November and will cost £189.95. This decorated sample is 760 Exe in Southern Railway olive green (Cat No. 9951).

● Visit www.heljan.dk for more information.



Next18 decoder from Hatton's

Hatton's Model Railways is producing its own Next18 Digital Command Control decoder in conjunction with DCC Concepts.

The new decoder is to operate with Bachmann models which are now being fitted with this latest generation Next18 decoder socket. The new decoder measures 15mm x 9.5mm x 2.8mm – Cat No. DCR-18Pin-Direct.

It will use DCC Concepts firmware, as per previous Hatton's decoders, but with the latest updates. The first delivery was expected in November priced at £13 per decoder.



The specification includes four functions, 1.1A continuous rating, 32 light features, LED light control, support for advanced consisting, automatic adjustment of Back EMF, slow speed running, operation on DC and DCC control and more.

● Visit www.hattons.co.uk for more information.

Heljan '00' releases



The Class B oil tankers for '00' are due to be released in January...



... together with the Class A petrol tankers in the same scale.

Class 128 leads Heljan 'O' gauge display

A first pre-production sample of Heljans Class 128 Diesel Parcel Units (DPU) was the highlight of its 'O' gauge product display at the Warley National Model Railway Exhibition.

The 128, shown in grey plastic, was joined by factory decorated samples of the Class 05 diesel shunter and the GWR 'Large Prairie' 2-6-2T together with an unpainted Class

37 and a hand decorated Class 45.

Both the Class 05 and 'Prairie' are expected to arrive in Spring 2017 between May and June while the Class 37 is expected in the first quarter of the year with the Class 45 following in the third. The Class 128 is programmed for release towards the end of 2017.

● Visit www.heljan.dk for more information.



This is the latest decorated sample of the Heljan GWR 'Large Prairie'.



The first sample of the Class 128 DPU for 'O' gauge.



The Hunslet Class 05 is making good progress in 'O'.



The centre headcode Class 37 is expected in the first quarter of 2017.

Dapol reveals latest



Above: 'OO' Class 122 decorated samples.

THE latest decorated samples of Dapol's 'OO' and 'O' gauge projects were on show at the Warley National Model Railway Exhibition including the debut of its 'OO' gauge Class 122 single car Diesel Multiple Unit (DMU).

The Class 122 was shown in BR green, BR blue, BR blue and grey and Regional Railways colour schemes ahead of its expected release in the first half of 2017. The Class 122 was joined by decorated samples of the 'OO' GWR streamlined railcar and final decorated samples of the Class 68. The '68' is now expected to arrive during December/January.

In 'O' gauge Dapol showed decorated samples of the ex-Lionheart Trains GWR 'B-set' brake in BR carmine together with the latest version of the former Lionheart Trains' GWR autotrailer. Both are due to be released with Dapol branding in the New Year alongside a new '64XX' 0-6-0PTs.

Dapol also confirmed that its 'O' gauge BR ventilated vans and open wagons are currently in transit from China to the UK.

● Visit www.dapol.co.uk for more information.



Above: 'O' gauge 'B-set'.



Above: Decorated GWR railcar sample for 'OO'.

HATTON'S SHOWS WEATHERED '14XX's



● Visit www.hattons.co.uk for more information.

Hatton's has received the latest decorated samples of its 'OO' gauge Great Western Railway (GWR) '14XX' 0-4-2Ts showcasing the weathering effects planned for its DJ Models produced locomotives. The first batches are due to arrive during December and January priced at £99 each. All are fitted with a 6-pin Digital Command Control (DCC) decoder socket and the model covers the '14XX', '48XX' and '58XX' variants with a choice of pristine and weathered finishes.

First look: 'OO' gauge ICI hopper

The first engineering samples of the Hatton's commissioned 'OO' gauge ICI bogie limestone hoppers arrived at the end of November through manufacturer Oxford Rail. The first samples showed the two different bogie styles as well as the vehicles with and without ICI lettering on the hopper sides. The range of models will cover the wagons' lifetime from 1936 through to withdrawal in 1997. In total 20 versions are being produced costing £24 pristine and £25 weathered.

● Visit www.hattons.co.uk for more information.



'OO' and 'O' samples



Above: 'O' gauge GWR autorailer.

Below: 'OO' gauge Class 68.



Hatton's 'Warwell' develops

Hatton's Model Railways has received the final CAD drawings of its recently announced 'OO' gauge model of the War Department 'Warwell' bogie well wagons.

The model will cover the 1942 introduced 'Warwells' in four stages of their careers: as built condition, London Midland & Scottish Railway (LMS) modified form as a bogie bolster wagon, LMS modified form as a track panel carrier and 1970s overhauled vehicles with Gloucester bogies and oval buffers.

The price per wagon is £33 (£37 with a weathered finish) with release anticipated in the fourth quarter of 2017. The 'Warwell' is also being developed in 'O' gauge by Hatton's.

The specification includes turned metal wheels, NEM coupling pockets and many separately fitted detailing components. Hatton's has produced the 'Warwell' CAD drawings using original Ministry of Supply drawings as well as measurement surveys.

With CAD drawing work complete the model is to move into the tooling phase of the production process.

● Visit www.hattons.co.uk for more information.



Original condition 'Warwell' for 'OO'.

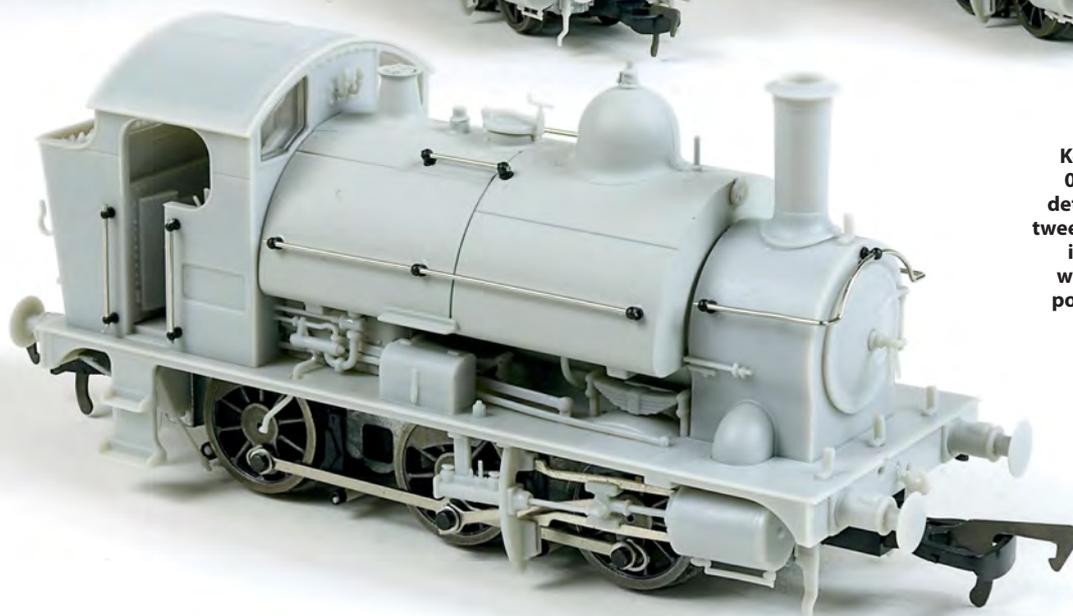


LMS 'Warwell' as a bolster wagon.



Rebuilt 'Warwell' with Gloucester bogies

Kernow receives '1361' samples



Kernow's '1361' 0-6-0ST accommodates detail differences between the locomotives including chimney, water filler, handrail positions, smokebox doors and more.

KERNOW Model Rail Centre has taken delivery of the engineering prototypes for its six 'OO' gauge models of the Great Western Railway (GWR) '1361' 0-6-0ST for evaluation.

Each model, produced by DJ Models for Kernow, features detail differences suitable

for the prototype. They are 1361 in BR black with late crests (Cat No. K2201), 1361 in works photographic grey (K2201A), 1362 in BR black with early crests (K2202), 1363 in GWR green with 'shirtbutton' crests (K2203), 1364 in GWR green (K2204) and 1365 in BR black with late crests and a weathered finish (K2205).

The price per model is £134.99 (£144.99 for the weathered version) and each is fitted with a 6-pin Digital Command Control decoder socket and a coreless motor for power. An exact release date has not yet been set.

● Visit www.kernowmodelrailcentre.com for more information.

Oxford Rail debuts decorated Carflats

Oxford Rail's 'OO' gauge model of the BR Carflat made its debut in full decoration at the end of November ahead of its expected first quarter release in 2017. On display were a BR bauxite pristine version (Cat No. OR76CAR001) and a weathered version from the same era (OR76CAR002) with a BR blue version with Motorail branding set to follow.

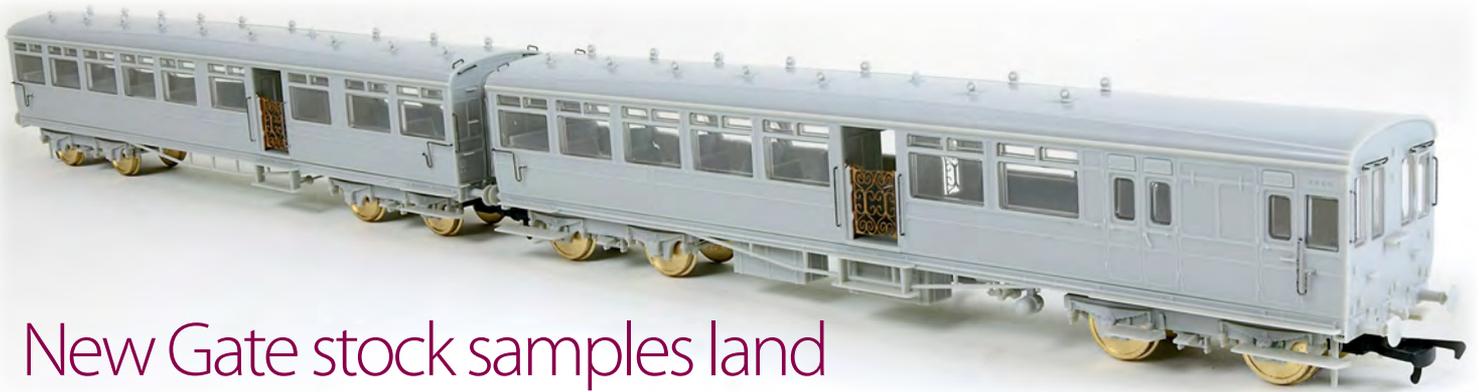
● Visit www.oxfordrail.co.uk for more information.



Kernow scans GWR railmotor

Laser scanning on the Great Western Society's GWR steam railmotor has been completed by Kernow Model Rail Centre, taking the project forward to the CAD drawing stage. The railmotor was scanned at Didcot Railway Centre in November. The railmotor will cost £149.99 and is available to pre-order through KMRC.

● Visit www.kernowmodelrailcentre.com for more information.



New Gate stock samples land

Kernow Model Rail Centre has taken delivery of a new engineering sample of its 'OO' gauge

London and South Western Railway Gate stock. The latest version includes alterations to the

window frame patterns, improved glazing and different handrail designs to suit different sets.

A release date has not been set, but the push-pull carriages are available to pre-order for £129.99.

'Tiger' hoppers for 'OO'

The first pre-production samples of Kernow Model Rail Centre's (KMRC) 'OO' gauge PBA/JIA 'Tiger' china clay covered hoppers have been received for inspection.

The fleet of 35 wagons was built in 1982 with the code PBA and was reclassified as JIA following modifications in the early 1990s. The KMRC model covers original and modified wagons with eight PBAs and



eight JIAs planned for release.

The price per wagon is £39.99 with delivery timescale to be confirmed.

Neville Hill HST barrier vehicle

Kernow Model Rail Centre has taken delivery of a new limited edition model of Neville Hill allocated BR Mk 2a Brake First Corridor High Speed Train barrier vehicle for 'OO' gauge from Bachmann. 250 pieces are being produced as ADB975654 priced at £29.99 and it is available to buy now (Cat No. 39-411Y).

Also released by Kernow is a Network SouthEast branded BR blue and grey Mk 2a Brake Second Open. Costing £29.99, this



vehicle carries number W9426 and is limited to 500 pieces (39-380Z).

● Visit www.kernowmodelrailcentre.com for more information.

Revolution 'OO' TEA

Revolution Trains has received new pre-production samples of its crowd-funded 'OO' gauge model of the TEA 100ton bogie tanker showing the latest detailing of the wagon. The model caters for detail differences between vehicles and covers EWS, VTG and Greenergy/GB Railfreight operated wagons. The order book remains open for the TEA with wagons priced at £40 for single vehicles and £124 for triple packs.

● Visit www.revolutiontrains.com for more information.



DJ paints its 'Mermaids'

Decorated samples of the DJ Models 'N' gauge 'Mermaid' ballast tippler were on show at the Warley show. The wagon is currently expected to be released in the first half of 2017 with a choice of BR black, Indian red, BR olive green and 'Dutch' grey and yellow liveries on offer. The price per model is £19.95.

● Visit www.djmodels.co.uk for more information.



'Sprinter' and 'Pacer' are next



REALTRACK models has revealed that its next 'OO' gauge ready-to-run Diesel Multiple Units (DMUs) will be the Class 156 'Super Sprinter' and Class 142 'Pacer' for release in 2017 and 2018 respectively.

The two units are being produced through Canadian manufacturer Rapido Trains and come as a follow up to Realtrack's debut model – the Class 143/144 DMUs – and will follow a similar specification

including a low-profile chassis design with a single 21-pin Digital Command Control (DCC) decoder socket per unit, interior and exterior lighting, DCC operated door lights and flush glazing.

The Class 156 is first to be developed with the initial batch expected to arrive in Spring 2017. Five limited editions of 250 models are being produced

covering 156445 and 156494 in ScotRail Saltire livery (Cat Nos. RT156-111 and RT156-112) plus 156477, 156467 and 156453 in First ScotRail livery (RT156-113, RT156-114 and RT156-117). These will be followed in 2018/2019 by versions in East Midlands Trains,

Regional Railways and Strathclyde Passenger Transport liveries. A hand decorated sample was displayed at Warley and the 156 will cost £200.

The Class 142 is set to follow in 2018 and will closely follow the design of the Class 143/144

Train Tech expands with new signalling products



A new range of junction signals and an automatic signalling system are amongst the highlights of Train Tech's new range of products for 2017.

New signals include two, three and four aspect colour lights with feather route indicators together with the same range of signals available with a customisable theatre indicator box. The new signals follow Train Tech's previous connection design and can be connected direct to the track

for a no-wire installation. They can be operated with analogue or digital control systems.

Adding further to its range is a new line of signals with built in sensors to allow automatic sequencing of colour lights. As with the standalone signals, no additional wiring is necessary to connect the signals, with the sensor built into the base which sits by the side of the sleepers. Single wires can be used to link signals together using Train Tech's new 'Layout Link' design.

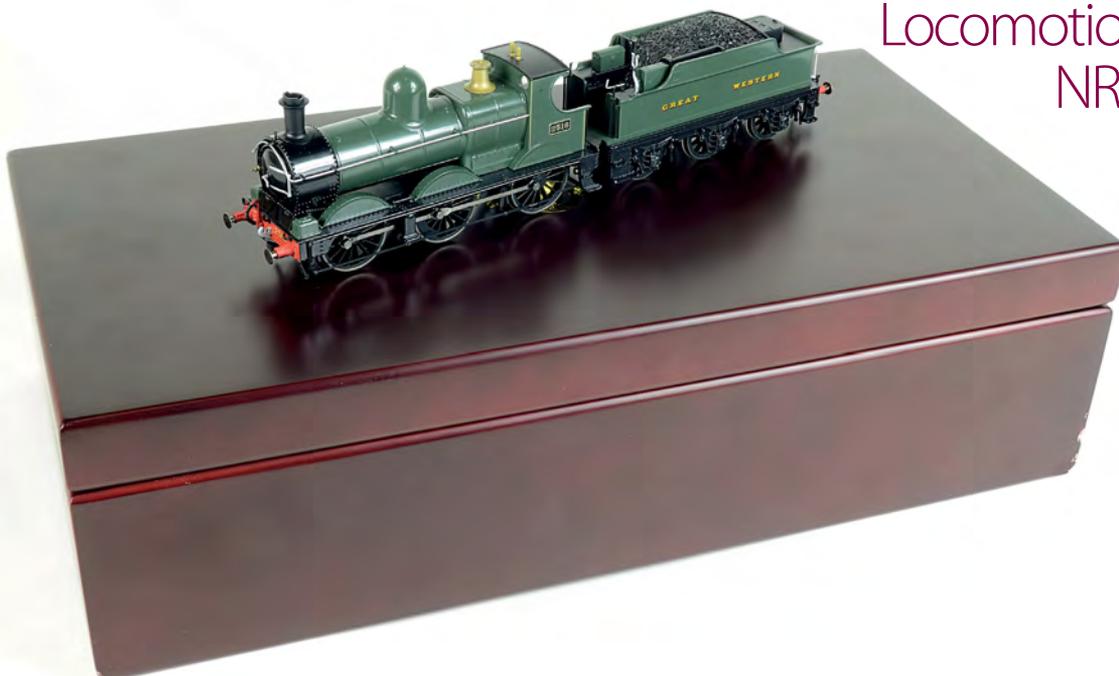
Also new for 2017 are a range of 'Smart Lights' which can be used to

introduce lighting effects including welding, flicking fires, televisions and more. Each is built on a 10mm square circuit board and can be controlled either by a direct connection to a 9-18v DC supply or DCC.

Completing the range of new products are ready to install traffic lights which automatically sequence through red, amber and green lighting and a level crossing light and sound kits which are pre-assembled into the Peco kit. The latter can be automated via a track sensor and Train Tech's 'Layout Link' system.

● Visit www.train-tech.com for more information.

Locomotion commissions NRM 'Dean Goods'



Oxford Rail has been commissioned to produce a 'OO' gauge limited edition model of the National Collection's GWR 'Dean Goods' 0-6-0 2516 in as preserved Great Western Railway green livery.

The model will be produced with a gloss finish and be delivered in a wooden presentation box. Prices start at £125 for a Digital Command Control (DCC) ready model rising to £225 for a sound fitted version. Each will be delivered with a limited edition certificate. It is expected to be available from Easter 2017.

● Visit www.locomotionmodels.com for more information.

for Realtrack



units. Two liveries are planned initially covering Northern Rail and early chocolate and cream 'Skipper' colours. The tooling is to allow for detail differences

between early and later build units, including roof styles.

● Visit www.realtrack.co.uk for more information.

Revolution targets HOA hopper next

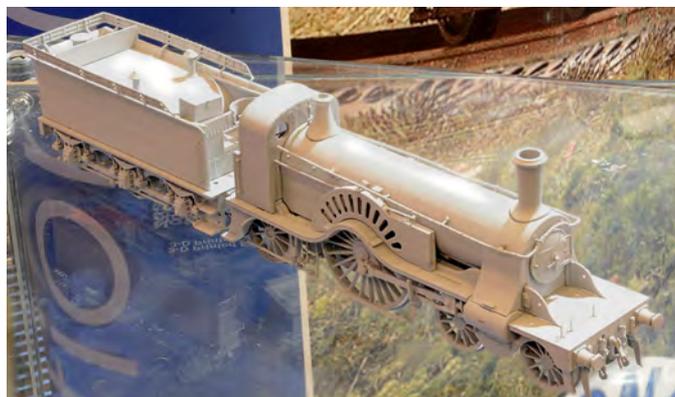
The 2005 HOA bogie aggregate hopper has been selected as the next ready-to-run 'N' gauge crowd-funding project for Revolution Trains. The project was announced at the Warley National Model Railway Exhibition at the end of November.

The HOAs were built in Romania for EWS originally for service from Peak District quarries with further orders being placed by VTG in 2016 for vehicles to operate on Tarmac and Mendip rail flows in the Midlands and Somerset.

The HOA is expected to cost £29 per wagon and will be made by

Rapido Trains for Revolution. Plans are to offer single and triple packs covering EWS, Cemex, DB red, Tarmac and Mendip rail liveries, but the project will only go ahead if sufficient interest is gained.

● Visit www.revolutiontrains.com for more information.



Locomotion restarts Stirling 'Single' project

The Locomotion Models project to produce a 'OO' gauge ready-to-run model of the National Collection's Stirling 'Single' 4-2-2 has restarted with the order book reopening in November.

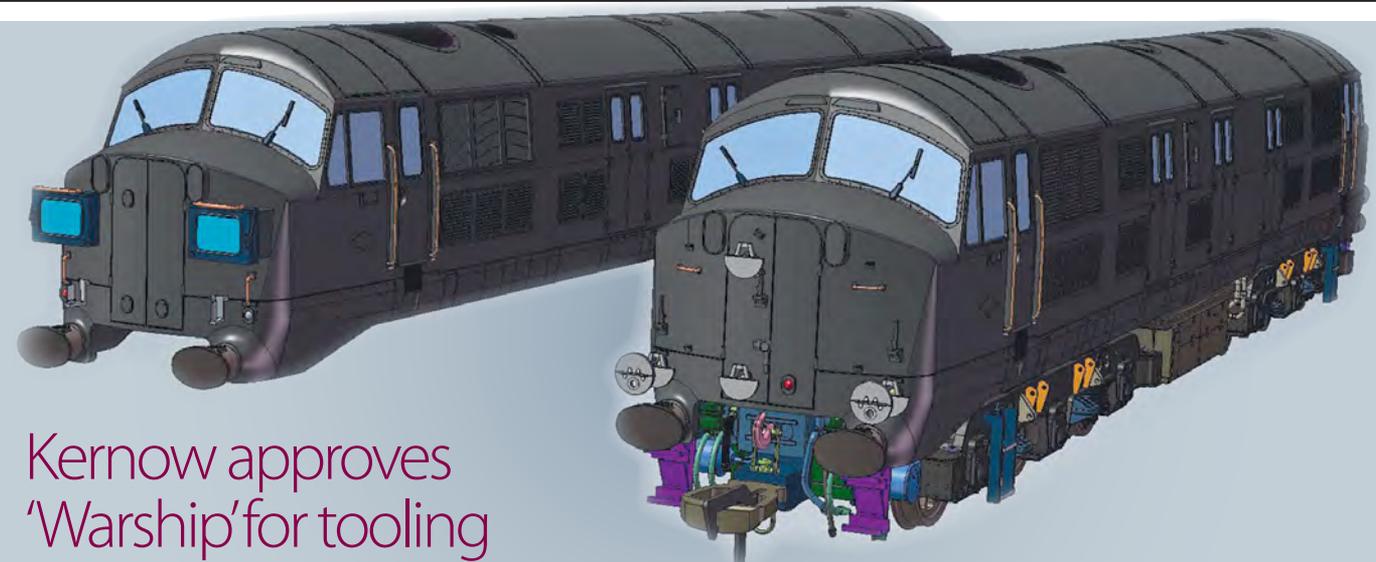
Showing progress with the model, a 3D model from the current CAD drawing work was produced and shown at the Warley National Model Railway Exhibition in November.

Locomotion stated in a press release that the project had been held up by a backlog at Rapido Trains' factory together with changes in the exchange

rate, adding that "issues have now been resolved, and the Locomotionmodels.com team is once again taking orders for this exciting model of the locomotive."

The price per model is set at £229 for a Digital Command Control (DCC) ready version and £329 for a DCC sound version with pre-orders being accepted online and by phone. In a change to the original plan, the 'Single' will not be available with a Sturrock tender – instead it will now only be produced with its original and preservation tenders.

● Visit www.locomotionmodels.com for more information.



Kernow approves 'Warship' for tooling

Kernow Model Rail Centre has approved the CAD drawings for its 'OO' gauge model of the North British built original D600 series

'Warships' for the start of tooling work. Five locomotives are planned covering both original disc headcode and later split headcode front

end designs. The price per model is £139.99.

● Visit www.kernowmodelrailcentre.com for more information.

GAUGEMASTER.com

The Online Home of The Engine Shed

DCC CONTROL

DIGITAL CONTROL SYSTEMS



DCC01 Prodigy Express System £158.95



DCC02 Prodigy Advance2 System £289.95
DCC03 Prodigy Advance2 Wireless System £479.95

DECODERS

- DCC18 OMNI Next18 Decoder £19.95
- DCC22 CLASSIC 2 Function Micro £25.95
- DCC23 CLASSIC 6 Pin Plug-in Decoder £25.95
- DCC26 Compact 8 Pin Decoder w/Harness £14.95
- DCC27 OMNI 21 & 8 Pin Decoder £18.95
- DCC28 OMNI 6 Pin Decoder with Harness £20.95
- DCC29 OMNI Direct Plug Decoder £19.95
- BPDC18 OMNI Next18 Decoder £39.95
- BPDC27 OMNI 21 & 8 Pin Decoder (5) £39.95
- BPDC28 OMNI 6 Pin with Harness (5) £39.95
- BPDC29 OMNI Direct Plug Decoder (5) £34.95
- DCC30 Accessory Decoder 4 Accessories £62.95

DCC ACCESSORIES

- DCC11 Prodigy Extension Plate £39.95
- DCC13 Prodigy Adv2 Wireless Walkaround £179.95
- DCC14 Prodigy Adv2 Backlit Walkaround £134.95
- DCC15 "Decoder Doctor" Decoder Tester £84.95
- DCC40 Auto Reverse Module £42.95
- DCC49 Prodigy DCC Booster Unit 8 Amp £189.95
- DCC51 Prodigy Wireless Conversion Set £259.95
- DCC55 Prodigy Wired Computer Interface £54.95
- DCC60 Spare plug for Prodigy £3.45
- DCC61 Medium NEM 652 Socket (5) £7.95
- DCC62 Prodigy Universal Lead (2m) £5.50
- DCC63 Prodigy Adv Power Supply Unit £25.95
- DCC64 Prodigy Power Pack Lead £8.95
- DCC65 Prodigy Express Power Supply Unit £25.95
- DCC71 Prodigy Decoder Tester £9.95
- DCC72 8 to 21 Pin Adaptor £4.65
- DCC77 Prodigy Walkaround Adapter £9.95

DCC AUTOFROG



DCC80 DCC Autofrog £5.50
BPDC88 DCC Autofrog (3) £14.50

The DCC80 Autofrog is a simple switch that automatically changes the frog polarity on your DCC layout. In most situations, the use of electrofrog points is recommended on digital layouts to ensure reliability but this can make extra switching more complicated than it needs to be. Visit our website for more information on this innovative solution. Thousands sold so far!

ANALOGUE CONTROL

MAINS POWERED CONTROLLERS



- GMC-COMBI Single Track Controller £39.95
- GMC-100M Single Track £84.95
- GMC-100MO Single Track O Scale £84.95
- GMC-101GB Single Track G Scale £99.95
- GMC-101GBSF Single Track G Scale Fan £169.95
- GMC-P Single Track Simulation £99.95
- GMC-PO Single Track Simulation O Scale £104.95



- GMC-D Twin Track £39.95
- GMC-DO Twin Track O Scale £169.95
- GMC-DS Twin Track Simulation £169.95
- GMC-TS Three Track Simulation £174.95



GMC-Q Four Track £179.95

PANEL MOUNT CONTROLLERS



- GMC-100 Single Track £34.95
- GMC-100 O Single Track O Scale £44.95
- GMC-100LGB Single Track G Scale £54.95
- GMC-U Single Track Simulation £44.95
- GMC-UF Single Track Feedback £39.95
- GMC-UO Single Track Simulation O Scale £59.95
- GMC-UD Twin Track £54.95
- GMC-UDF Twin Track Feedback £59.95
- GMC-UDS Twin Track Simulation £69.95
- GMC-UJS Three Track Controller Sim. £79.95
- GMC-UJQ Four Track £84.95

HANDHELD CONTROLLERS

- GMC-W Single Track £39.95
- GMC-HH Single Track Feedback £39.95
- GMC-WM Single Track Simulation £59.95

MAINS POWERED TRANSFORMERS

- GMC-M1 Output 2 x 16v AC £49.95
- GMC-M1DC Output 2 x 12v DC £54.95
- GMC-M2 Output 1 x 18v DC (2.5a) £54.95
- GMC-M3 Output 1 x 24v AC (1.25a) £54.95
- GMC-M4 Output 2 x 12v AC (1.25a) £54.95

WALL MOUNTED TRANSFORMERS

- GMC-WM1 Output 1 x 16v AC or 12v DC £19.95
- GMC-WM2 Output 1 x 9v DC (0.6a) £14.95
- GMC-WM3 Kato Unitrack UK Power Supply £14.95
- GMC-WM4 Output 12v DC (Regulated) £14.95

OPEN TRANSFORMERS

- GMC-T1 Output 2 x 16v AC (1a) £24.95
- GMC-T2 Output 1 x 18v AC (2.5a) £24.95
- GMC-T3 Output 1 x 24v AC (1.25a) £24.95
- GMC-T4 Output 2 x 12v AC (1a) £24.95

MODULES

- GMC-SS1 Super Shuttle Unit £34.95
- GMC-SS1LGB Super Shuttle Unit G Scale £44.95
- GMC-SS2 Station Stop Unit £39.95

SEEP POINT CONTROL

POINT CONTROL STARTER SET



- GMC-PCSET Point Control Starter Set £49.95
- Contains Mains Powered CDU, 3 x Point Motors, 3 x Reels of 10m Wire & 3 x Toggle Switches. Ideal for the beginner.

MAINS POWERED POINT CONTROL SYSTEM

- GMC-PCU1 Point Control Unit £114.95
- GMC-PCU2 Slave Unit for PCU1 £52.95

CAPACITOR DISCHARGE UNITS



- GMC-CDU Capacitor Discharge Unit £13.95
- GMC-MCDU Mains Powered CDU £24.95

UNCOUPLERS

- GMC-EM1 Electro Magnetic Uncoupler £8.95
- GMC-EM2 Coupling Adaptor Fret (20) £4.95
- GMC-TLU OO Tension Lock Uncoupler £10.95

POINT MOTORS



- GMC-PM1 SEEP Motor with Built-in Switch £5.50
- GMC-PM2 SEEP Motor No Switch £4.95
- GMC-PM4 SEEP Motor Latching Mechanism £6.25



- GMC-PM10 Solenoid Point Motor £6.95
 - GMC-BPPM10 Solenoid Point Motor (5) £29.95
- Designed with easy installation in mind, this motor features a built-in reversible mounting plate (with adjustment slots and holes), robust, plated metalwork and fibreglass PCBs for longer life. The magnetic coils are high efficiency for reliable operation. Also has easy to use "solder-free" screw terminals. Includes mounting screws and a throw-bar extension.



- GMC-PM100 Digital Solenoid Point Motor £18.95
- All the features of the PM10 but with an inbuilt DCC decoder to make wiring even easier.

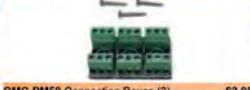


- GMC-PM20 Surface Mount Point Motor £9.95
 - GMC-BPPM20 Surface Mt Point Motor(5) £44.95
- Designed with easy installation in mind, PM20 is placed parallel to your point-work and operates equally well orientated either way. PM20 works well with all popular modelling scales, and with the leading brands of track in the UK. The magnetic coils are high efficiency for reliable operation. PM20 also has a plug-in harness that is very easy to use. Mounting screws are included.



- PM200 Digital Surface Mount Point Motor £22.95
- All the features of the PM20 but with an inbuilt DCC decoder to make wiring even easier.

POINT MOTOR ACCESSORIES



- GMC-PM50 Connection Boxes (3) £39.95
- GMC-PMS1 Triple Point Motor Wire 10m £6.95
- GMC-PMS2 Point Motor Accessory Pack £2.95
- GMC-PMS3 Harnesses for PM100 (2) £3.95

TRACK

ELECTRONIC HIGH FREQUENCY TRACK CLEANERS FOR DC (ANALOGUE USE ONLY)

- GMC-HF1 Single Track Unit £39.95
- GMC-HF2 Double Track Unit £49.95

AXLE-HUNG TRACK CLEANING PADS

- GM37 OO/HO Track Cleaning Pads (3) £5.95
- GM39 N Track Cleaning Pads (3) £5.95

TRACK TESTER



- GM52 Multi Scale Track Tester £4.95

OO SCALE FLEXIBLE TRACK

- GM90 900mm N/Silver Flexible Track (100) £315
- GM93 900mm N/Silver Bk Flexi Track (24) £79.95
- GM94 900mm N/Silver Bm Flexi Track (24) £79.95
- GM97 900mm N/Silver Bm Flexi Track (100) £315
- GM19 Code 100 (OO) Rail Joiners (24) £2.95

OO SCALE TRACK ACCESSORIES

- GM45 OO/HO Re-Railer £5.50
- GM54 OO Buffer Stop £1.95
- BPGM54 OO Buffer Stop (5 Pack) £8.75



- GM55 OO LH Buffer Stop £7.25
- GM56 OO Buffer Stop Lights (Pack of 2) £9.95
- GM13 Pair of Leads (Joiners/Bare Wire) £4.95
- GM66 Hobby Type Track Pins 10mm £2.75
- GM67 Extra Long Track Pins 15mm £2.75

N SCALE FLEXIBLE TRACK

- GM96 900mm N/Silver Bk Flexi Track (24) £59.95
- GM18 Code 80 (N) Rail Joiners (24) £2.95

N SCALE TRACK ACCESSORIES

- GM46 N Re-Railer £2.95
- GM53 N Scale Buffer Stop £4.95
- BPGM53 N Scale Buffer Stop (Pack of 5) £22.50
- GM57 N Lit Buffer Stop on Track £9.25
- GM58 N Buffer Stop Lights (Pack of 2) £9.95
- GM17 Pair of Leads (N Joiner/Bare Wire) £4.95

OO GREY BALLASTED UNDERLAY SYSTEM



- GM114 OO/HO Granite Ballast (500g) £3.75
- GM117 OO/HO Granite Ballast (200g) £2.65
- GM200 Flexible Ballasted Underlay (5m) £23.95
- GM204 Point & Crossing Ballasting Kit £8.25

OO BROWN BALLASTED UNDERLAY SYSTEM

- GM111 OO/HO Brown Ballast (500g) £3.75
- GM210 Flexible Ballasted Underlay (5m) £23.95
- GM214 Point & Crossing Ballasting Kit £8.25

N GREY BALLASTED UNDERLAY SYSTEM

- GM115 N Granite Ballast (500g) £3.75
- GM118 N Granite Ballast (200g) £2.65
- GM201 N Flexible Ballasted Underlay (5m) £23.95
- GM205 N Point & Crossing Ballasting Kit £8.25

N BROWN BALLASTED UNDERLAY SYSTEM

- GM113 N Brown Ballast (500g) £3.75
- GM211 N Flexible Ballasted Underlay (5m) £23.95
- GM215 N Point & Crossing Ballasting Kit £8.25

OO SCALE CORK TRACKBED SYSTEM



- GM251 3mm Cork Trackbed 4.5 x 50cm (6) £9.25
- GM252 3mm Cork Plates 15 x 50cm (2) £4.75
- GM240 For RH Sectional Points (2) £4.50
- GM241 For LH Sectional Points (2) £4.50
- GM244 For RH Sectional Curved Points (2) £4.50
- GM245 For LH Sectional Curved Points (2) £4.50
- GM247 For Y Sectional Points (2) £4.50

N SCALE CORK TRACKBED SYSTEM

- GM231 2mm Cork Trackbed 2.8 x 50cm (6) £9.25
- GM232 2mm Cork Plates 15 x 50cm (2) £4.75
- GM225 For RH Sectional Points (2) £4.25
- GM226 For LH Sectional Points (2) £4.25

SCENICS

STARTER PACK



- GM194 Scenic Starter Pack £24.95

GENERAL SCENIC MODELLING PRODUCTS

- GM100 Mod Roc (2.75m) £4.75
- GM119 Fine Plaster of Paris (1kg) £3.95
- GM130 1/16 Cork Sheet 3' x 2' (80 x 90cm) £6.95
- GM131 1/8 Cork Sheet 3' x 2' (80 x 90cm) £10.95
- GM167 Balsa Bundle 50 x 75 x 229mm £2.50
- GM168 Balsa Bundle 75 x 150 x 450mm £10.95

GRASS & GRAVEL MATS



- GM20 Spring Grass Mat 100cm x 75cm £7.95
- GM21 Summer Grass Mat 100cm x 75cm £7.95
- GM22 Autumn Grass Mat 100cm x 75cm £7.95
- GM23 Gravel Mat 100cm x 75cm £5.95
- GM38 Spring Grass Mat 240cm x 120cm £34.95

MEADOW MATS



- GM140 Meadow Mat - Spring 6mm Grass £3.75
- GM141 Meadow Mat - Meadow 6mm Grass £3.75
- GM142 Meadow Mat - Spring 12mm Grass £12.75
- GM143 Meadow Mat-Meadow 12mm Grass £12.75
- GM147 Meadow Mat - Beige 6mm Grass £9.75
- GM148 Meadow Mat - Beige 12mm Grass £12.75

STATIC GRASS SYSTEM



- GM196 Static Grass Starter Set £9.95
- GM193 Puffer Bottle £4.95
- GM169 Static Grass Glue (250ml) £6.95
- GM170 Spring Grass Flock (30g) £3.45
- GM171 Summer Grass Flock (30g) £3.45
- GM172 Moorland Grass Flock (30g) £3.45
- GM173 Meadow Grass Flock (30g) £3.45
- GM174 Woodland Floor Grass Flock (30g) £3.69

BUDGET SCATTERS

- GM101 Meadow Scatter (50g) £1.95
- GM102 Mid Green Scatter (50g) £1.95
- GM103 Dark Green Scatter (50g) £1.95
- GM105 Spring Green Scatter (50g) £1.95
- GM108 Earth Brown Scatter (50g) £1.95
- GM109 Black Scatter (50g) £1.95
- GM110 Red/Brown Scatter (50g) £1.95
- GM112 Imitation Coal (50g) £2.45
- GM116 Grey Tarmac Scatter (50g) £1.95

LICHENS & HEDGES



- GM160 Light Green Hedgerow (1m) £7.50
- GM161 Dark Green Hedgerow (1m) £7.50
- GM164 Light Green Lichen (80g) £4.95
- GM165 Dark Green Lichen (80g) £4.95
- GM166 Assorted Lichen (80g) £4.95

OO SCALE WIDE ROAD SYSTEM

- GM370 80mm Wide Tarmac Road (1m) £7.25
- GM371 80mm Wide Universal Curves (2) £7.25
- GM375 68mm Wide Tarmac Road (1m) £7.25
- GM376 68mm Wide Universal Curves (2) £7.25

OO SCALE VEHICLE LIGHTING KITS

- GM385 Standard Vehicle Kit £14.95
- GM386 Emergency Vehicles Kit (Blues) £16.95
- GM387 Service Vehicles Kit (Orange) £16.95

N SCALE ROAD SYSTEM

- GM390 40mm Wide Tarmac Road (1m) £6.95
- GM391 40mm Wide Universal Curves (2) £6.95

ROADSIDE CRASH BARRIERS

- GM381 OO Scale £6.95
- GM396 N Scale £6.95

STRUCTURES



- GM146 Garden Fencing 290m Length £6.95

MAKE YOUR OWN TREES

- GM195 Seafarm for Tree Making £19.95
- GM156 Light Green Scenic Leaves (50g) £4.15
- GM157 Mid Green Scenic Leaves (50g) £4.15
- GM158 Dark Green Scenic Leaves (50g) £4.15

FLOWERS



- GM139 Flowerbeds £11.95
- GM175 Garden Flowers £9.95
- GM176 Water Plants £9.95
- GM177 Garden Plants £9.95
- GM178 Wild Flowers £9.95

PLANTS

- GM149 Green Plants 12mm (42) £4.95
- GM159 Yellow Plants 12mm (42) £4.95

GRASS STRIPS/TUFTS

- GM136 Spring Grass Strips (36) £11.95
- GM137 Summer Grass Tufts (104) £11.95
- GM138 Flowering Grass Tufts (108) £11.95
- GM162 Green 6mm Mini Tufts (42) £4.95
- GM163 Green 12mm Mini Tufts (42) £4.95

BRICKWORK

- GM30 Plain Stone Wall Grey £9.75
- GM31 Grey Stone Wall & Buttresses £9.75
- GM32 Grey Stone Wall & Arches £9.75
- GM188 Single Tunnel Mouth & Walls £15.75
- GM199 Double Tunnel Mouth & Walls £20.75

BACKSCENES

- GM701 Large Valley Backscene £7.95
- GM702 Large Countryside Backscene £7.95
- GM703 Large Open Field Backscene £7.95

GM704 Large Village Backscene

- GM704 Large Village Backscene £7.95
- GM705 Large Cloudy Sky Backscene £7.95
- GM706 Large Industrial Backscene £7.95
- GM707 Large Housebacks Backscene £7.95
- GM708 Large Pretty UK Town Backscene £7.95
- GM751 Small Valley Backscene £4.95
- GM752 Small Countryside Backscene £4.95
- GM753 Small Open Field Backscene £4.95
- GM754 Small Village Backscene £4.95

GM755 Small Cloudy Sky Backscene

- GM755 Small Cloudy Sky Backscene £4.95
- GM756 Small Industrial Backscene £4.95
- GM757 Small Housebacks Backscene £4.95
- GM758 Small Pretty UK Town Backscene £4.95

HIGHWAYS



TENS OF THOUSANDS OF ITEMS ARE IN STOCK NOW. E & OE.
WE CAN DELIVER POST FREE TO MOST UK ADDRESSES



STRUCTURES

OO SCALE "FORDHAMPTON" PLASTIC KITS
Fordhampton is a bustling market town on a busy mainline running through the rolling South Downs. With both local and express services steaming through, Fordhampton Station serves all kinds of trains from commuters travelling to and from London as well as excursions to the seaside at Brighton! Wherever you are going the station master will be happy to help you get to your destination.



- GM401 Fordhampton Station £25.95
- GM402 Fordhampton Signal Box £11.95
- GM403 Fordhampton Footbridge £17.95
- GM404 Fordhampton Level Crossing £12.95
- GM405 Fordhampton 60s Estate House £15.95



- GM406 Fordhampton Locomotive Shed £20.95
- GM407 Fordhampton Carriage Platforms £9.95
- GM408 Fordhampton Village Store or Pub £17.95

- COMING SOON...**
- GM409 Fordhampton Pub/Bistro TBA
 - GM410 Fordhampton Rest Home/Doctors TBA
 - GM411 Fordhampton Farmhouse/Cottage TBA
 - GM412 Fordhampton Gasometer TBA
 - GM413 Fordhampton Nurseries TBA
 - GM414 Fordhampton Bridge TBA

KESTREL DESIGNS

- N GAUGE PLASTIC KITS**
- GMKD01 House £4.35
 - GMKD02 Shop £4.35
 - GMKD03 Bungalow £3.60
 - GMKD04 Church with Porch £5.95
 - GMKD05 House/Shop Unit with Glazing £6.75
 - GMKD06 Two Shop Unit with Glazing £6.75
 - GMKD07 Four House Unit £6.75
 - GMKD08 Country Station £6.75
 - GMKD09 Station Buildings £5.35
 - GMKD10 Island Platform with Flat Canopy £8.25
 - GMKD11 Flat Canopy £5.95
 - GMKD12 Small Signal Box £6.45
 - GMKD13 Farm Rail Fencing Brown £3.10
 - GMKD13W Farm Rail Fencing White £3.10
 - GMKD14 Telegraph Posts £3.10
 - GMKD15 Windows Doors & Guttering £4.35
 - GMKD16 Platforms (2) £2.85
 - GMKD17 Platform Ramps (2) £2.35
 - GMKD18 Station Yard Huts £3.35
 - GMKD19 Weighbridge & Office £4.35
 - GMKD20 Coal Office £3.35
 - GMKD21 Level Crossing/Keepers Cottage £5.95
 - GMKD22 Four Greenhouses £3.10
 - GMKD23 Two Domestic Garages £3.10
 - GMKD24 Water Tower £3.85
 - GMKD25 Corner Shop £4.65
 - GMKD26 Corner Pub £4.65
 - GMKD27 Three Storey Townhouse £5.95
 - GMKD28 Three Storey Town Shop £5.95
 - GMKD29 Modern Station £7.95
 - GMKD30 Modern Station Waiting Room £5.75
 - GMKD31 Station Masters House £6.45
 - GMKD32 Pair Pre War Semi Det. Houses £7.25
 - GMKD33 Boilerhouse & Chimney £6.45
 - GMKD34 Stable Block £3.85
 - GMKD35 Cow Shed £3.60
 - GMKD36 Barn £5.95
 - GMKD37 Farm House £7.50
 - GMKD38 Steel Footbridge £7.50
 - GMKD39 Modern Industrial Unit £5.95
 - GMKD40 Modern Fire Station £7.25
 - GMKD41 Platforms Wide (2) £3.35
 - GMKD42 Platform Ramps Wide (2) £2.85
 - GMKD43 Goods Shed £7.75
 - GMKD1000 Town Station £16.95
 - GMKD1001 Old Colony with Chimney £19.95

- N GAUGE LASER CUT KITS**
The same as the ultra detailed OO equivalents (GM451/GM452/GM453) - pack sizes vary from the 4mm versions though
- GMKD51 Wooden Fencing £5.25
 - GMKD52 Lattice Fencing £5.25
 - GMKD53 Garden Sheds (2) £5.50

- N GAUGE VALUE KIT SETS**
- GMKD2000 Station Set £14.95
 - GMKD2001 Town Set £12.95
 - GMKD2002 Suburban Set £14.95
 - GMKD2003 Farm Set £16.95

LIGHTING

OO SCALE LAMPS & LIGHTING
Fine 4mm scale lamps with prototypical post extensions and light control PCBs

- GM801 Barley Twist Gas Lamp Soft Black (3) £12.95
- GM802 B/Twist Gas Lamp BR/SR Green (3) £12.95
- GM803 B/Twist Gas Lamp LMS Maroon (3) £12.95
- GM804 B/Twist Gas Lamp GWR Stone (3) £12.95
- GM805 B/Twist Gas Lamp Grey Undercoat (3) £12.95
- GM806 Taper Post Gas Lamp Soft Black (3) £12.95
- GM807 Taper Post Gas Lamp BR/SR Grn (3) £12.95
- GM808 T/Post Gas Lamps LMS Maroon (3) £12.95
- GM809 T/Post Gas Lamps GWR Stone (3) £12.95
- GM810 T/Post Gas Lamp Grey Undercoat (3) £12.95
- GM811 Taper Post Oil Lamp Soft Black (3) £12.95
- GM812 Taper Post Oil Lamp BR/SR Green (3) £12.95
- GM813 Taper Post Oil Lamp LMS Maroon (3) £12.95
- GM814 Taper Post Oil Lamp GWR Stone (3) £12.95
- GM815 T/Post Oil Lamp Grey Undercoat (3) £12.95
- GM816 Swan Neck Lamp Soft Black (3) £12.95
- GM817 Swan Neck Lamp BR/SR Green (3) £12.95
- GM818 Swan Neck Lamp LMS Maroon (3) £12.95
- GM819 Swan Neck Lamp GWR Stone (3) £12.95
- GM820 W/Mounted Swan Neck Black (2) £12.95
- GM821 W/Mounted Swan Neck SR/BR Grn (2) £12.95
- GM822 W/Mounted Swan Neck LMS Mm (2) £12.95
- GM823 W/Mounted Swan Neck GWR Stone (2) £12.95
- GM824 W/Mounted Gas Lamp Soft Black (2) £12.95
- GM825 W/Mounted Gas Lamp BR/SR Grn (2) £12.95
- GM826 W/Mounted Gas Lamp LMS Maroon (2) £12.95
- GM827 W/Mounted Gas Lamp Undercoat (2) £12.95
- GM828 W/Mounted Gas Lamp GWR Stone (2) £12.95
- GM829 Modern Sbl Head Adjustable Lamp (4) £14.95
- GM830 Modern Dbl Head Adjustable Lamp (3) £12.95

OO SCALE VALUE PACKS LAMPS & LIGHTING
Typically 6 x lamps, plus two matching wall lamps with prototypical post extensions as well as 6 prototype white LEDs for building interiors and all required light control PCBs.

- GM851 Barley Twist Gas Lamp Soft Black £29.95
- GM852 B/Twist Gas Lamp SR/BR Green £29.95
- GM853 B/Twist Gas Lamp LMS Maroon £29.95
- GM854 B/Twist Gas Lamp GWR Stone £29.95
- GM855 B/Twist Gas Lamp Grey Undercoat £29.95
- GM856 Taper Post Gas Lamp Soft Black £29.95
- GM857 Taper Post Gas Lamp BR/SR Green £29.95
- GM858 Taper Post Gas Lamp LMS Maroon £29.95
- GM859 Taper Post Gas Lamp GWR Stone £29.95
- GM860 Taper Post Gas Lamp Undercoat £29.95
- GM861 Taper Post Oil Lamp Soft Black £29.95
- GM862 Taper Post Oil Lamp SR/BR Green £29.95
- GM863 Taper Post Oil Lamp LMS Maroon £29.95
- GM864 Taper Post Oil Lamp GWR Stone £29.95
- GM865 Taper Post Oil Lamp Grey Undercoat £29.95
- GM866 Swan Neck Lamp SR/BR Green £29.95
- GM867 Swan Neck Lamp SR/BR Green £29.95
- GM868 Swan Neck Lamp LMS Maroon £29.95
- GM869 Swan Neck Lamp GWR Stone £29.95
- GM870 Modern Sbl Head Adjustable Height £29.95
- GM871 Modern Dbl Head Adjustable Height £24.95

- LIGHTING ACCESSORIES**
- GM895 Light Control PCB - LED/Lamp (2) £6.95
 - GM896 Light Control PCB - LED/Lamp (5) £12.95
 - GM897 Mini Light Control PCB - LED (10) £4.95
 - GM898 Mini Light Control PCB - Lamp (10) £4.95
 - GM899 Spare Bulbs for Lamps (5) £3.95

TOOLS

MODEL RAILWAY MAINTENANCE

- GM50 OO/HO Locomotive Wheel Cleaner £39.95
- GM47 N Gauge Wheel Cleaner £34.95
- GM51 Spare Pads for GM50 £17.95
- GM49 Spare Pads for GM47 £17.95
- GM59 N Scale Wheel Cleaner £15.95



- GM60 OO Scale Wheel Cleaner £19.95
- GM619 Precision Lubricator £4.75
- GM667 Superfine Oil Pen w/Teflon Particles £5.95
- GM668 Electrical Contact Oil Pen £9.95

GENERAL MODELLING TOOLS

- GM26 Track Rubber £3.15
- GM27 Jumbo Track Rubber £5.75
- GM600 A2 Cutting Mat £14.95
- GM601 A3 Cutting Mat £9.95
- GM602 A4 Cutting Mat £4.95
- GM603 A5 Cutting Mat £2.95
- GM604 Round Nose Pliers £6.95
- GM605 Flat Nose Pliers £6.95
- GM606 Side Cutters £6.95
- GM607 Half Round Pliers £6.95
- GM608 Bent Nose Pliers £7.95
- GM609 S/Steel Tweezers (4) £5.95
- GM610 Double Ended Pin Vice £9.95
- GM611 Sawset 1 w/ Scalpel Handle £33.50
- GM612 Hole Saw & Arbor for Point Motor Fitting £33.50
- GM613 Trim-way Knife & Blades £5.50
- GM614 S/S Scalpel & Blades £5.95
- GM615 Plastic Scalpel & Blades £6.50
- GM616 Pick-Up Tool £3.95
- GM618 Magliner Tweezers £6.95
- GM621 Locking Forceps Curved £19.95
- GM622 Hot Wire Cutter for Scenic Modelling £4.95
- GM623 Wires for Hot Wire Cutter (5) £6.75
- GM624 Swivel Top Pin Vice £4.50
- GM625 Curved Tweezer Reverse Action £4.50
- GM626 Straight Tweezer Reverse Action £4.50
- GM627 Blunt End Tweezer Reverse Action £4.95
- GM629 Cutting Discs (10) £4.50
- GM630 Screw Top Mandrels (3) £5.25
- GM631 Slitting Discs (10) & Mandrel £6.95
- GM632 Budget Needle File Set £4.75
- GM633 Glass Fibre Pencil 4mm £7.50
- GM634 4mm GFibre Refills (10) £9.95
- GM635 2mm Glass Fibre Pencil £6.75
- GM636 2mm GFibre Refills (5) £16.95
- GM638 Cutting Brushes 0.8-2.0 £3.95
- GM640 Archimedes Drill Stack £5.50
- GM641 HSS Jbbers Drills 0.5 (5) £3.95
- GM642 HSS Jbbers Drills 0.8 (5) £3.95
- GM643 HSS Jbbers Drills 1.0 (5) £3.95
- GM644 HSS Jbbers Drills 1.2 (5) £3.95
- GM645 HSS Jbbers Drills 1.5 (5) £3.95
- GM646 HSS Jbbers Drills 1.8 (5) £3.95
- GM647 HSS Jbbers Drills 2.0 (5) £10.95
- GM648 Microbox Drills 0.3-1.6 £10.95
- GM649 Microbox HSS Twist Drill Bits 61-80 £3.95
- GM650 HSS Jbbers Drills 0.3 (5) £3.95
- GM651 HSS Jbbers Drills 0.4 (5) £3.95
- GM652 HSS Jbbers Drills 0.6 (5) £3.95
- GM653 HSS Jbbers Drills 0.7 (5) £3.95
- GM654 HSS Jbbers Drills 0.9 (5) £3.95
- GM655 Spare Blades for GM614 £4.75
- GM660 Pick n Place Twin Pack £4.75
- GM664 Economy Sprue/Plastic-Cutter £6.75
- GM665 Clip On Magnifying Eye Glass £6.75
- GM669 Pin Pusher with Depth Stop £12.95
- GM670 Deluxe Paintbrush Set £6.95
- GM683 Soft Grip Knife Set with Blades £1.50
- GM684 Spare Blades for GM683 £9.95
- GM693 Value Model Railway Drill £16.95
- GM694 Mains Powered Valley Drill £4.95
- GM695 Model Railway Screwdriver Set £1.95
- GM696 Masking Tape 6mm x 18m (2) £2.75
- GM697 Masking Tape 10mm x 18m (2) £2.65
- GM698 Masking Tape 18mm x 18m (1) £19.95
- GM671 4 in 1 Saw Set £11.75
- GM672 Razor Saw Superfine £11.75
- GM674 Razor Saw Fine £11.95
- GM675 Razor Saw Medium £16.50
- GM676 Aluminium Mitre Box £11.95
- GM677 Fine Woodcraft Saw £12.75
- GM678 Flush Cutting Saw £12.75
- GM679 Universal Razor-Saw £12.75

RAZOR SAWS

- GM671 4 in 1 Saw Set £19.95
- GM672 Razor Saw Superfine £11.75
- GM674 Razor Saw Fine £11.75
- GM675 Razor Saw Medium £16.50
- GM676 Aluminium Mitre Box £11.95
- GM677 Fine Woodcraft Saw £12.75
- GM678 Flush Cutting Saw £12.75
- GM679 Universal Razor-Saw £12.75

SOLDERING STATION

- GM661 Complete Soldering Station £29.95
- GM662 GM661 Spare Tip £2.95

SOLDERING IRONS & BITS

- GM680 15W 230V Soldering Iron £16.95
- GM681 25W 230V Soldering Iron £17.95
- GM682 40W 230V Soldering Iron £19.95
- GM685 15W No 8 Tip £3.95
- GM686 15W No 8 Tip £3.95
- GM687 25W No 7 Tip £3.95
- GM688 25W No 7 Tip £3.95
- GM689 25W No 8 Tip £3.95
- GM690 40W No 8 Tip £3.95
- GM691 40W No 7 Tip £3.95
- GM692 40W No 8 Tip £3.95

SOLDERING ACCESSORIES

- GM01 Low Melt Solder 70 degrees (20g) £4.25
- GM02 Solder 180 degrees (20g) £3.95
- GM03 White Metal Flux £5.95
- GM04 Brass Flux £5.95
- GM69 Non Acid Safety Flux £4.85
- GM06 Solder Wire 145 Degrees £4.85

ELECTRICS

- SWITCHES**
- GM501 Slide Switch DPDT £1.70
 - GM502 Slide Switch DPDT (C/Off) £1.70
 - GM503 Toggle Switch SPST £2.35
 - GM504 Toggle Switch DPDT £2.65
 - GM505 Mini-Toggle DPDT (C/Off) £3.15

- GM506 Mini-Toggle DPDT £2.75
- GM507 Mini-Toggle SPST £2.45
- GM508 Mini-Toggle SPDT £2.45
- GM509 Mini-Toggle SPDT (C/Off) £2.70
- GM510 Mini-Toggle for Point Motors £3.65
- GM512 Push to Break Black (5) £5.95
- GM513 Push to Make Black (5) £2.85
- GM514 Push to Make Blue (5) £2.85
- GM515 Push to Make Green (5) £2.85
- GM516 Push to Make Red (5) £2.85
- GM517 Push to Make White (5) £2.85
- GM518 Push to Make Yellow (5) £2.85
- GM519 Rotary Switch 1 Pole 12 Way £3.75
- GM520 Rotary Switch 2 Pole 6 Way £3.75
- GM521 Rotary Switch 3 Pole 4 Way £3.75
- GM522 Rotary Switch 4 Pole 3 Way £12.95
- BPGM501 Slide Switch DPDT (25) £12.95
- BPGM502 Slide Switch DPDT (C/Off) (25) £34.95
- BPGM503 Toggle Switch SPST (25) £42.95
- BPGM504 Toggle Switch DPDT (25) £44.95
- BPGM505 Mini-Toggle DPDT (C/Off) (25) £42.95
- BPGM506 Mini-Toggle DPDT (25) £34.95
- BPGM507 Mini-Toggle SPST (25) £34.95
- BPGM508 Mini-Toggle SPDT (25) £39.95
- BPGM509 Mini-Toggle DPDT (C/Off) (25) £44.95
- BPGM510 Mini-Toggle for Point Motors (25) £9.95
- BPGM513 Push to Make Black (25) £9.95
- BPGM514 Push to Make Blue (25) £9.95
- BPGM515 Push to Make Green (25) £9.95
- BPGM516 Push to Make Red (25) £9.95
- BPGM517 Push to Make White (25) £9.95
- BPGM518 Push to Make Yellow (25) £9.95

- WIRE**
- GM098B Twinned Wire Red/Black (10m) £4.95
 - GM10 Wire Red/Black/Green (10m of each) £2.15
 - GM11BK Wire Black 7 x 0.2mm (10m) £2.15
 - GM11BL Wire Blue 7 x 0.2mm (10m) £2.15
 - GM11BN Wire Brown 7 x 0.2mm (10m) £2.15
 - GM11GN Wire Green 7 x 0.2mm (10m) £2.15
 - GM11GR Wire Grey 7 x 0.2mm (10m) £2.15
 - GM11O Wire Orange 7 x 0.2mm (10m) £2.15
 - GM11P Wire Pink 7 x 0.2mm (10m) £2.15
 - GM11PP Wire Purple 7 x 0.2mm (10m) £2.15
 - GM11R Wire Red 7 x 0.2mm (10m) £2.15
 - GM11W Wire White 7 x 0.2mm (10m) £2.15
 - GM11Y Wire Yellow 7 x 0.2mm (10m) £2.15
 - BPGM11BK Black Wire 7 x 0.2mm (100m) £7.95
 - BPGM11BL Blue Wire 7 x 0.2mm (100m) £7.95
 - BPGM11BN Brown Wire 7 x 0.2mm (100m) £7.95
 - BPGM11GN Green Wire 7 x 0.2mm (100m) £7.95
 - BPGM11GR Grey Wire 7 x 0.2mm (100m) £7.95
 - BPGM11O Orange Wire 7 x 0.2mm (100m) £7.95
 - BPGM11P Pink Wire 7 x 0.2mm (100m) £7.95
 - BPGM11R Red Wire 7 x 0.2mm (100m) £7.95
 - BPGM11W White Wire 7 x 0.2mm (100m) £7.95
 - BPGM11Y Yellow Wire 7 x 0.2mm (100m) £7.95

- GENERAL ELECTRICAL ACCESSORIES**
- GM12 Pair Connecting Leads (Pin/Bare Wire) £4.65
 - GM14 Crimped Pin Terminals (6) £2.95
 - GM15 Ring Terminals (6) £1.95
 - GM16 Pair Connecting Leads (Pin/Pin) £4.95
 - GM28 Crocodile Clips Red/Black Pair £1.75
 - GM29 Knob for Rotary Switches & Pots £2.85
 - GM40 1.5a Rectifier £4.95
 - GM41 Thermal Cut-Out 1 Amp £3.95
 - GM42 Thermal Cut-Out 2.5 Amp £3.15
 - GM75 PS6 6-Way Din Plug/Socket £1.95
 - GM77 12-Way Poly Terminal Block £1.95
 - GM89 Pack of 5 Amp Fuses (5) £2.75

- LIGHTING**
- GM61 Micro LED White (4) £7.95
 - GM62 Micro LED Red (4) £7.95
 - GM63 Micro LED Blue (4) £7.95
 - GM64 Micro LED Orange (4) £7.95
 - GM69 Grain of Wheat Bulb 12v Yellow (5) £3.95
 - GM70 Grain of Wheat Bulb 12v Red (5) £3.95
 - GM71 Grain of Wheat Bulb 12v Clear (5) £3.95
 - GM72 Grain of Wheat Bulb 12v Green (5) £3.95
 - GM73 Grain of Wheat Bulb 12v Orange (5) £4.95
 - BPGM69 GOW 12v Yellow (100) £49.95
 - BPGM70 GOW Bulb 12v Clear (100) £39.95
 - BPGM71 GOW Bulb 12v Green (100) £49.95
 - BPGM72 GOW Bulb 12v Orange (100) £49.95
 - BPGM73 GOW Bulb 12v Orange (100) £49.95
 - GM80 LED Green 3mm 12v (5) £2.25
 - GM81 LED Red 3mm 12v (5) £2.25
 - GM82 LED Yellow 3mm 12v (5) £2.25
 - GM83 LED Green 5mm 12v (5) £1.95
 - GM84 LED Red 5mm 12v (5) £1.95
 - GM85 LED Yellow 5mm 12v (5) £1.95
 - GM76 Resistor 1K Ohm for LEDs (10) £1.65

- MAGNETS**
- GM86 Small Magnets (10) £5.50
 - GM87 Medium Magnets (10) £5.75
 - GM88 Large Magnets (10) £6.00
 - GM98 3u Bulbs (10) & Capacitors (5) £5.95
 - GM99 Pack of Reeds & 5 Magnets £13.95

- UNIVERSAL RELAY SWITCH**
- GM500 Universal Relay Switch £5.50
 - BPGM500 Universal Relay Switch (3) £14.50
 - GM500D Universal Relay Switch (DCC Friendly) £5.75

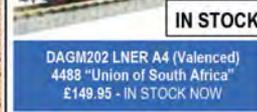
GM356 2016 NEW ITEMS BROCHURE

Free from your local dealer or direct from us.



GAUGEMASTER Limited Edition News

dapol N SCALE



DAGM202 LNER A4 (Valenced) 4488 "Union of South Africa" £149.95 - IN STOCK NOW



DAGM221 GBRF Aggregate Industries 66711 "Sence" £109.95 - Expected January 2017



DAGM230 Brighton Evening Argus DAGM235 The Royal Alex £69.95



DAGM231 IC Executive Pristine £69.95 73 142 Broadlands



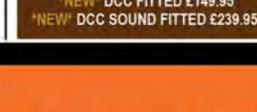
DAGM232 First GBRF - £69.95 73 141 Charlotte



DAGM233 South West Trains - £69.95 73 235



DAGM234 Southern Livery - £69.95 73 202



DAGM100 The Royal Alex DAGM101 Brighton Evening Argus "NEW" DCC FITTED £149.95 "NEW" DCC SOUND FITTED £239.95

RANGES STOCKED

- Airfix
- Antex
- Atlas
- Bachmann
- Berko
- Busch
- Capital Transport
- Carrera
- Cartrix
- Classix
- Dapol
- DCConcepts
- Deluxe Materials
- DM Toys
- Dornaplas
- EFE
- Faller
- Fleischmann
- FlySlot
- Gaugemaster
- Graham Farish
- Harburn Hamlet
- Heljan
- HMRS Transfers
- Hobbytrain
- Hornby
- Humbrol
- Ian Allen
- Jagerndorfer
- Kadee
- Kato
- Kestrel Designs
- Kibri
- Knighthing
- LGB
- Lifelike
- Lightcraft
- Marklin
- Mehano
- Metcalfe
- Middleton Press
- MiNi
- Minitrains
- Modelcraft
- Model Scene
- MRC
- Ninco
- Noch
- NSR
- Oxford Diecast
- Oxford Rail
- Parkside Dundas
- Peco
- Piko
- Plastrack
- Pola
- Preiser
- Racer
- Railmatch
- Ratio
- Revell
- Roco
- Rokuhan
- Rotacraft
- Scalextric
- Seep
- Seuthie
- Sideways
- Slaters
- Slot It
- Slotwings
- Spraycraft
- Springside
- SRC
- Superquick
- Tiny Signs
- Tracksetta
- Train Tech
- TrainSave
- Trumpeter
- Trix
- Viessmann
- Vollmer
- Vulcan Slot
- W & T
- Walthers
- Wiking
- Wills
- Xuron

CONTACT US FOR A FREE PRICE LIST

HUGE BREADTH OF STOCK, VISIT OUR WEBSITE FOR LIVE STOCK INFORMATION

Porth Eithin

A move to a new location prompted **PETER MIDWINTER** to begin construction of this Cornish themed 'OO' gauge branch line terminus. Here he reveals where the idea came from and how this BR Western Region layout developed.

PHOTOGRAPHY, MIKE WILD.

AFTER A MOVE FROM Manchester to North Wales in 2000 I decided that it was time to start on a new exhibition layout. I had many ideas of a location but it had to be a terminus with a storage yard at one end. After a lot of looking through books and photographs in the Railway Study Centre library a conclusion was reached that it was to be based in Cornwall and built around the china clay industry. This was an idea that had been looked

into previously, but had never been built. There was to be a small station with a goods yard and an engine shed. The china clay trains would go down a small incline into the sorting yard and then down a further incline to a harbour. It was to be 16ft long and 2ft 6in wide. Other factors at the time that were taken into consideration were that it was to be easy to transport and quick to assemble and disassemble at shows and to be enjoyable for the public to watch.

I like to make a history for a line, even when it is a fictitious location, so that

there is at least a feasible reason for the railway to exist. Passenger traffic in many cases was insufficient to make a line viable so many were dependent on freight traffic, like in this case china clay.

So here is my history of this railway. In the latter part of the 18th century, Porth Eithin had a small harbour built for the export of the local china clay from the workings up the valley of the River Tal Isaf. By the mid-1850s a small tramway had been built to assist in the transportation of the china clay down to the harbour. During the 1870s»

 **A '45XX' 2-6-2T** waits in the exchange sidings with an empty rake of clay wagons as a GWR railcar departs from the station above.



STATISTICS

Owner:	Peter Midwinter
Scale:	'OO'
Length:	17ft 6in
Width:	2ft 6in
Track:	Handbuilt points with SMP plain track
Control:	Analogue
Period:	BR Western Region, 1955-1965



TO2 Above:
The AEC
diesel engines of the
railcar tick over while
the driver waits for
departure time.





A Collett '2251' 0-6-0 enters the goods yard while a '45XX' 2-6-2T waits to leave the exchange sidings.



expansion of the Great Western Railway (GWR), a connection to the GWR main line by a branch was made to Porth Eithin and the tramway was upgraded from the harbour to support the extending workings.

The approach to the station is from a tunnel, the line up to the workings being further up the branch and facing the terminus, passing over the points of the loop with the signalbox on the right-hand side. Just past the 'box are the remains of the siding feeding the Cornish Farmers Union mill with the remains of a 10ton wagon that ran through the buffer stops.

The bridge spanning the river is crossed, then on past the small engine shed on the right and arriving at the single platform with its bay. A small goods shed and yard are off the loop side of the line. From the beginning of the loop at the signalbox, a line runs down a slight incline over the river to a couple of sidings and then reverses back over a third river bridge to the harbour and the china clay wharfs where a ship is usually tied up loading china clay.

CONSTRUCTION

At the start of Porth Eithin's creation there were four 4ft x 2ft 6in and one 1ft x 2ft 6in baseboards. For some time, I had been constructing baseboards from 9mm marine plywood using the box construction method. The storage yard board has two integral built in pairs of fold down legs. From this board the three other boards are piggybacked, each having only one pair of fold down legs with a cross brace. Dowel studs are used for alignment of the boards and toggle casement clips were used for locking the boards together. It takes about 15 minutes to assemble the complete layout ready for stock at an exhibition.

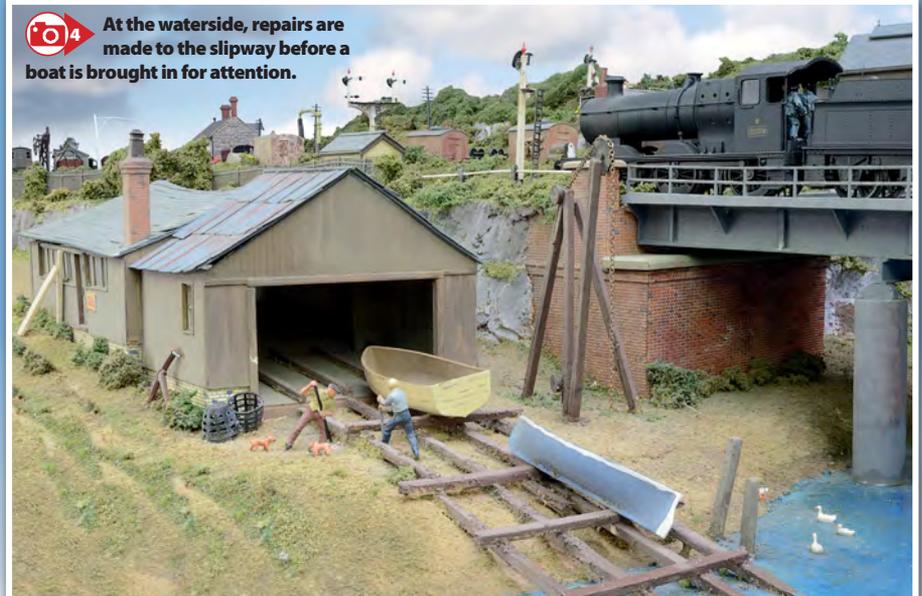
All the track work is code 75 rail with handbuilt points by the normal method of copper-clad construction. The main flexible track is SMP. The track layout



was first laid on the baseboards using templates to ascertain point requirements. Points were then constructed in the time-honoured way of covering the templates with greaseproof paper and then cutting a number of the sleepers to length and laying them with double sided tape onto the greaseproof paper in line with the template underneath. The rest of the point was then built up by soldering the outer rails in place first, then the frog and so on until the point was completed. It was then removed from the greaseproof paper by peeling the tape off and the whole unit washed in warm soapy water and left to dry.

While the points were being constructed, the area of track in the station and goods yard area was covered with $\frac{1}{8}$ in thick cork but on the main running line a further $\frac{1}{8}$ in sheet of cork was laid and the edges chamfered to represent the edges of the ballast.

The laying of the track was done by coating the cork surface with raw PVA glue and then positioning the track and points in place on the glue. Previously a small elongated hole had been cut through the cork and the baseboard at the tie bar end of the points. When satisfied that the position



04 At the waterside, repairs are made to the slipway before a boat is brought in for attention.

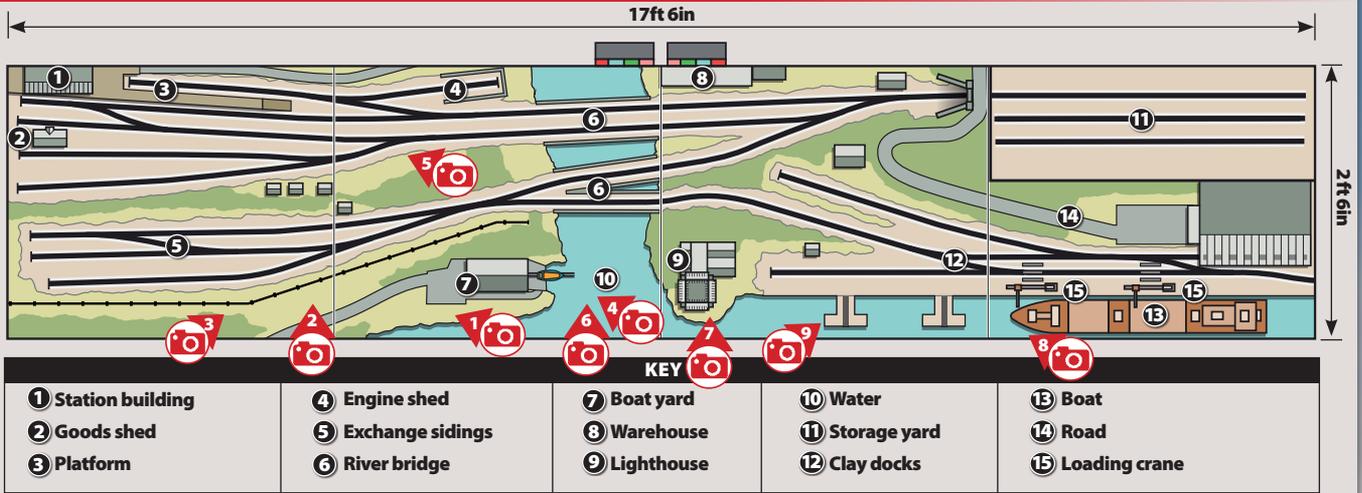
is correct, large display pins are inserted at the sides of the track and points to hold it all in place. The whole is then liberally covered with extra fine granite chippings and left for a minimum of 24 hours to allow

everything to set, after which the surplus material is vacuumed up and sieved ready for re-use on the next section. After all the track has been laid, all the electrical feed breaks and isolation cuts in the points >>



05 With a Hawksworth autococh behind, a Hornby '14XX' 0-4-2T waits to depart the sleepy branch line terminus.

PORTH EITHIN TRACK DIAGRAM (NOT TO SCALE)



A rare visitor to Porth Eithin, today a 'Warship' has been drafted in for the clay freights.



and copper-clad sleepers are completed and tested together with the fitting of all the point motors. It is then completely tested electrically with rolling stock and any adjustments or alterations made.

Porth Eithin currently uses analogue control, although consideration has been given to changing it over to digital operation in the future. The trackplan is split into five sections using on-off-on switches for the use of two controllers. Control is by handheld Gaugemaster, either HH or WS models. Points are controlled by either Seep PM4 motors or the new Hornby motors, fitted with a microswitch for switching frog polarity. Operation of the points is via stud and probe contact on the track plan as laid out on the control panel. Magnetic uncouplers by Seep, operated by push buttons located on the track plan on the control panel, are positioned at strategic sites around the layout to allow hands-

free operation of all aspects. Electrical continuity between boards is via Radio Spares 'D' type pin and plug sockets.

SCENERY AND STRUCTURES

Basic scenery was constructed from polystyrene blocks shaped and contoured and covered with a thin coating of roughing plaster. The cliff faces are carved and shaped just as the plaster is 'going off' to represent as near as possible rocks similar to those found in the actual location the model is based on. When all is dry the scenic areas are painted with poster paints, care being taken on the cliff and rock faces. The grass areas are then coated with diluted PVA glue and then flock and scatter materials out of the Woodland Scenics range are used for covering, shrubs and hedges. Most of the hedges and shrubs are sprayed with hair lacquer and a light covering of flocks applied to bring out the rough texture.

The buildings are a mixture of scratchbuilt and modified kits. All are typical of structures down in the west of England. At the wharf is a coastal ship which was at one time on an American layout that I was involved in. To obtain the effect of china clay, most of the areas where the wagons travel, and down on the wharf, were given a dusting of talcum powder. Talcum is also used in the open ship's hold and on a number of occasions we have observed people taking a little dip with their finger and smelling it.

ROLLING STOCK

I have a problem in that I feel model railways should be fun and so to that end some of the items that run on the layout are not strictly true to the area or the era that is modelled, but I run them because I like them.

On the steam side, there is a '14XX' »





07 From the lighthouse, a watchful eye is kept on the tides.

coupled to an autococh, both of which are Airfix but with additional detailing added to them. Three GWR '57XX' 0-6-0PTs mainly take care of the branch goods and to and from the china clay workings and shunting duties. These are Bachmann engines. Two '43XX' 2-6-0s and one of the Collett '93XX' developments, all being Bachmann, perform on the china clay main line duties as well as local goods and passenger workings. One 'Manor' 4-6-0 is usually employed on a longer distance passenger duty. Three Bachmann '45XX' 2-6-2Ts are now employed on goods passenger and china clay works. On the diesel side, a Class 03 and a Class 08 are used on shunting duties down on the china clay wharfs and the 08 is used sometimes on trips up to the china clay workings.

There are other engines that visit the line from time to time including Class 22, 42 and 14 diesels and on the steam side 'WD' 2-8-0s, BR '4MTs' in tender and tank forms, a '28XX' 2-8-0 and a '2251' 0-6-0. All the engines have been weathered as well as having added detailing but all have retained their original chassis and motors.

The coaching stock is limited to the autococh, one suburban 'B' set and four others of Collett and Mk 1 stock. All have had passengers and some extra detail added to them. There is also one GWR railcar, which again has had front end detail added together with passengers.

The wagon stock is, as one would expect, mainly china clay wagons, there being 36 in all, mostly Bachmann but with a few kit-built ones. There are about 18 other wagons that are used on the layout ranging from six-wheeled milk tankers, 16ton mineral wagons, covered vans, fish vans and so on. These are ready-to-run and kits. All have been fitted with new metal wheels set to correct back-to-back measurements via a gauge. The new Hornby wheels are proving to be good runners and are cheaper than some other wheels.

All the stock has been weathered and in some cases loads added. In the case of the china clay wagons, half the fleet has been fitted with the earlier flat tarpaulins. These

are made from single ply tissues sprayed with matt black paint and then cut into individual sized sheets. Cord is then glued to each corner and in the middle of the sheets for the tie down ropes. These are then placed over the wagon top and the two long sides matted down with raw Plastic Weld cement followed by the two ends being folded in and matted down with the same glue. When dry, the corner ties are glued down onto the solebars and the buffer beams. All the china clay wagons are weathered by the means of first spraying them with hair lacquer and then dusting them with baby talcum powder.

EXHIBITING

After the layout had been built at 16ft long, it attended a few exhibitions and it soon became obvious that there were problems at the station end in that there was insufficient length on the headshunt for the run-round

08 A GWR '42XX' 2-8-0T drifts onto the docks at Porth Eithin with a fresh load of clay wagons. The '03' will shunt the wagons for unloading into the waiting ship.



on the platform and also in the reception loop on the middle sidings for the china clay wagons, which was just too short.

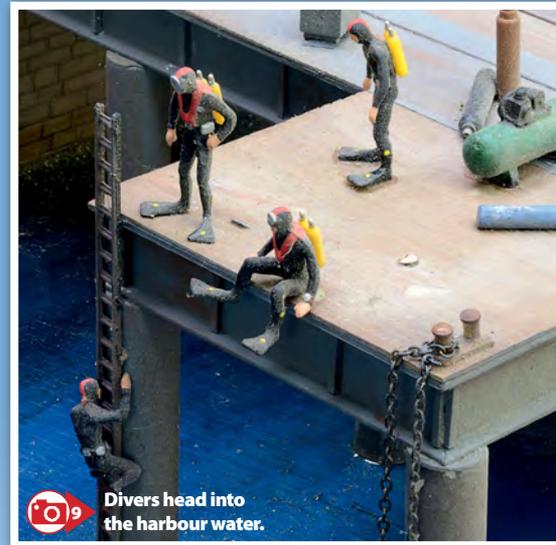
This was soon overcome by adding a 1ft x 2ft 6in extension to the station end. This enabled a further 9in extension to both the platform line and the run-round line, which also allowed for a small cattle dock on the platform line and a small provender store on the other. Tender locomotives could now run round without fouling the crossover points.

On the china clay reception sidings, it was decided that the crossover points would be partially left in place, as can be seen in some locations on the actual railways, and a further new pair installed along the line. By doing this a further four wagons could be accommodated in the loop line without fouling an engine on run round. This has certainly

improved the operation of the layout.

With the slow conversion of my other layouts to Digital Command Control (DCC), Porth Eithin is going to be no exception. By early next year it will be made into a DCC controlled layout but the points will be left as they are using the stud and probe contact. Also at the same time all the scenery will be upgraded and refurbished as in many areas it is starting to fade. Another item that will be fitted is a photo printed backscene, depicting the area that the layout is set in.

While Porth Eithin might not have grabbed the headlines as much as Great Tunsley Dale (HM76), Glen Gillie and Loch Inch (HM71) or Bridge of Muir (HM96), it is very much still a part of my exhibition roster and open to invites for future shows. I've been enjoying breathing new life into it for this *Hornby Magazine* feature and will continue to do so in the early part of 2017. [Hornby](#)



Divers head into the harbour water.





Ellis Clark Trains
Unit 1 Toller Court
Shortbank Road
Skipton
North Yorkshire BD23 2HG



WANTED

Top prices paid for your collections
of model railways, diecast & tinsplate

- ✓ Call, email or post a list
- ✓ All makes, gauges and ages considered
- ✓ British, Continental and American
- ✓ All gauges of kit/scratch built and live steam
- ✓ Diecast and tinsplate cars, lorries, buses, planes, soldiers
- ✓ Happy to travel nationwide and view or collect
- ✓ Large collections a speciality
- ✓ Friendly and professional service



T 01756 701451
M 07799 554491
E ellis@ellisclarktrains.com
W ellisclarktrains.com

**BUY
ONLINE**
at our new
WEBSITE

DISCOUNT 'O' GAUGE

TOWER BRASS LOCOMOTIVES

R.T.R in unpainted brass/factory painted

GWR/BR King	£900.00
GWR/BR Railcar 19-33	£550.00
GWR/BR Parcels Railcar No.34	£550.00
GWR 1361 Early black chassis	£525.00
GWR/BR 1361 Late black chassis	£525.00
LY/LMS/BR Pug black	£450.00
LNER/BR J39 0-6-0 black	£925.00
GWR/BR 8750 Pannier black chassis	£525.00

TOWER BRASS COACHES

Fully assembled in unpainted brass

GWR/BR Callett D127 brake 3rd	£235.00
-------------------------------	---------

FULLY FINISHED R-T-R LOCOMOTIVES

L&Y/LMS/BR Pug 0-4-0T	from £525.00
GWR/BR 1361 0-6-0ST	from £895.00
GWR/BR 8750 Pannier tank	from £695.00
GWR/BR King 4-6-0	from £1260.00
GWR/BR Razor Edge railcar	£835.00
GWR/BR Parcels railcar	£810.00
LNER/BR J39 0-6-0	£1075.00
LMS/BR Original Patriot	£1650.00

Over 100 R-T-R locos available off the shelf

GLADIATOR LOCO KITS

FT6 LNER/BR J25 0-6-0	£225.00
GTR1 LNER/BR D10/D11 4-4-0	£295.00
GTR18 LMS/BR de-streamlined Duchess	£395.00
GTR19 LMS/BR non-streamlined Duchess	£395.00
GTR20 LMS/BR Princess	£395.00
GTR21 LMS/BR Rebuilt Royal Scot	£345.00
GTR24 LMS/BR Original Patriot	£345.00
GTR25 LMS/BR Rebuilt Patriot	£345.00
GTR44 LNWR/LMS/BR Coal Tank 0-6-2T	£225.00
GTR48 LNWR/LMS/BR Crane Tank	£205.00
GTR50 LNER/BR Beyer Garratt 2-8-8-2	£595.00
GTR68 Maunsell King Arthur 8 Wheel Tender	£395.00
GTR72 LBSCR/SR/BR G3 4-4-2T	£235.00

JAVELIN LOCOMOTIVE KITS

JKL3 GWR/BR Dukedog 4-4-0	£325.00
JKL5 SECR/SR/BR D Class 4-4-0	£305.00
JKL6 G.W.R. Dean Goods 0-6-0	£295.00
JKL7 SECR/SR/BR C Class 0-6-0	£295.00
JKL11 LMS/BR Long Fire Box Black Five	£345.00

MERCIAN LOCO KITS

DL1 LMS Armstrong Whitworth 0-6-0DE	£175.00
S65 LNER/BR J94 Austertly 0-6-0ST	£180.00
ML11 M.R. Spinner 4-2-2	£295.00

TOWER COLLECTION (D.J.H) BEGINNERS KITS

Includes wheels, gears and motor

TC1 Class 02 0-4-0 Diesel Shunter	£240.00
TC3 Andrew Barclay 0-4-0 Steam Shunter	£240.00

TOWER COLLECTION LOCO KITS

Require wheels, gears and motor

TC2 LMS streamlined Coronation	£525.00
TC4 LMS/BR non-streamlined Duchess	£525.00
TC5 LMS/BR de-streamlined Duchess	£525.00
TC6 LMS/BR Sir William Stainer	£525.00
TC7 LMS/BR Black Five 4-6-0	£525.00
TC14 LMS/BR Stainer 8F 2-8-0	£525.00
TC16 LMS/BR Duchess with sloping firebox	£525.00

D.J.H LOCO KITS

K300 B.R. Standard 84xx 2-6-2T	£345.00
K301 B.R. Standard 2MT 2-6-0	£395.00
K302 LMS/B.R. Ivatt 2-6-2T	£345.00
K303 LMS/BR Fairburn 2-6-4T	£345.00
K310A LNER/BR A3 with Corridor tender	£575.00
K317B BR Britannia with BR1/A tender	£575.00
K324B B.R. 9F 2-10-0 BR1B/BR1C	£575.00
K326 B.R. Class 03 complete kit	£395.00
K338 LNER/BR R Peppercorn A2	£535.00
K338 LNER/BR G5 0-4-0T	£395.00
K340 B.R. Class 14 complete kit	£395.00
K344 NEW LNER/BR Hunt Class 4-4-0	£475.00
K345 NEW LNER/BR Thompson A2/1	£555.00

PECO LINESIDE KITS

LK704 Wooden lineside hut kit	£19.00
LK705 Brick lineside hut	£19.00
LK709 Ground Level Signal Box	£27.25
LK735 GWR Yard Crane	£20.50
LK741 GWR spear fencing	£10.50
LK742 GWR spear fencing ramps	£10.50
LK743 Field fencing and gates	£9.45
LK745 Telegraph Poles (4)	£6.00
LK749 Loading Gauges (2)	£11.85
LK750 Single track level crossing gates	£19.25
LK758 Platelayers tools	£6.10
LK759 Platform lamps (4)	£8.35
LK760 Telephone boxes (2)	£8.35
LK761 GWR Station seats (4)	£7.90
LK762 MR/NER station seats (4)	£7.90
LK763 SR/BR Station seats	£7.90
LK764 Bicycles (8)	£7.90
LK790 GWR home or distant signal	£17.75

SLATERS BR WAGONS AND VANS

7062 B.R. 12ton Vanwide	£37.50
7063 B.R. Standard Van	£37.50
7064 B.R. 12ton Standard/Flat Van	£37.50
7065 B.R. Meat Van	£37.50
7066 B.R. Insulated Van	£37.50
7067 B.R. 13 ton conflat 'A'	£33.75
7069 B.R. Lowfit Wagon	£33.25
7070 B.R. 12 ton Palvan	£37.50
7071 B.R. 13 ton High Goods Wagon	£35.25

PECO WAGON KITS

W601 GWR Toad brake can	£38.75
W602 GWR Permanent Way brake	£38.75
W603 GWR 6 wheel brake	£40.50
W604 GWR 4 plank open	£32.50
W605 GWR Steel Open	£32.50
W606 GWR 10 ton Van	£39.75
W607 BR 16 ton Mineral wagon	£40.50
W608 BR 27 ton Iron Ore wagon	£39.75
W609 BR 20 ton Pig Iron wagon	£39.75

PECO 'O' GAUGE TRACKWORK

SLE786BH Curved R/H Point	£52.25
SLE787BH Curved L/H Point	£52.25
SL700BH 12 yards flexitrack	£76.95
SLE791BH Right Hand Point	£41.95
SLE792BH Left Hand Point	£41.95
SLE797BH Y Point	£41.95
SLE790BH Double Slip	£87.95
SL10 24 metal railjoiners	£2.65
SL11 12 insulated railjoiners	£2.65
SL740BH Buffer stop	£2.65
TP1 Long Track pins (15mm)	£3.25
ST700 Box (6) 393mm straight	£43.25
ST725 Half circle 1028mm radius curves	£46.00
NEW Setrack R/H Point	TBA
NEW Setrack L/H Point	TBA

HELMSMAN CONTROLLERS

CPSA Sump Single Controller	£145.00
RM5 Remote handset for above	£40.00

H.M.R.S. TRANSFERS

H1 L.M.S. gold loco and coach	£20.00
H2 L.M.S. yellow loco and coach	£20.00
H2A L.M.S. black style/Crewe loco	£20.00
H3 L.M.S. loco lining	£20.00
H3A L.M.S. coach lining	£20.00
H4 L.N.E.R. green loco and coach	£20.00
H4A L.N.E.R. black loco and Gill Sands	£20.00
H5 L.N.E.R. loco lining	£20.00
H6 L.M.S. goods wagon lettering	£18.50
H7 G.W.R. loco and coach lettering	£20.00
H8 G.W.R. loco and coach lining	£20.00
H9 S.R. Maunsell loco and coach lettering	£20.00
H10 S.R. Bulleid loco and coach lettering	£20.00
H11 G.W.R. goods wagon lettering	£18.50
H12 L.N.E.R. goods wagon lettering	£18.50
H13 S.R. goods wagon lettering	£18.50
H14 BR steam loco and coach lettering	£20.00
H15 BR blue diesel and coach lettering	£18.50
H16 LNWR/W.C.J.S loco coach & wgn	£21.00
H17 LTSR/MR/SD/LY/MCR gds lettering	£20.00
H18 N.E.R. loco and coach lettering	£21.00
H20 CB/NB/GSWR/HR/GNSR wgn lettering	£20.00
H22 B.R. mixed traffic/L.N.W.R. loco lining	£20.00
H24 MR/SD/JR/LTSR/MGN loco & coach	£21.00
H25 B.R. pre-TOPS wagon numbers etc.	£18.50
H26 B.R. pre-TOPS wgn instructions etc.	£18.50
H31 Pullman crests, names and numbers	£21.00
H32 Pullman lining	£18.50
H40 G.N.R. coach lettering	£21.00

BACHMANN SCENECRAFT BUILDINGS

47003 Cattle Dock	Special offer £25.00
47040 Diesel Refuelling Point	£39.95
47047 Hampton Hill Platelayers Hut	£24.95
47203 Low Relief Corner Shop	£25.95
47004 Provender Store	Special offer £30.00
47009 Single Engine Shed	Special offer £60.00
47036 Sectional Lineside Hut	£20.50

NEW HORNBY O GAUGE BUILDINGS

Fully assembled and painted

99080 Great Northern Station	£80.00
99081 Station Waiting Room	£55.00
99082 Platform Mounted Signal Box	£50.00
99085 Platelayers Hut	£22.50
99087 Great Northern Water Tower	£37.50

All the above can be seen on our website.

IXION HUDSWELL CLARKE

R.T.R 0-6-0 LOCO

Lined forest green

RRP £299.00 OUR PRICE £225.00

OR FITTED WITH DCC SOUND £375.00

IXION FOWLER

0-4-0 DIESEL SHUNTER

GWR No1 lined green

or private owner plain green

RRP £299.00 OUR PRICE £225.00

LIONHEART WAGON CLEARANCE

B.R COKE WAGONS

PRIVATE OWNER COKE WAGONS

LIST PRICE £45.00

ANY THREE FOR £100.00

Whilst stocks last. See website for full details

LIONHEART TOWER MODELS

EXCLUSIVE LIMITED EDITION WAGONS

Superb quality fully finished R.T.R

B.R 16 Ton Grey Mineral Wagons

Choice of twelve running numbers

£42.00 each

Three for £120.00, Six for £230.00, Nine for £330.00 Twelve for £440.00

NEW DAPOL CLASS 08 DIESEL SHUNTER

Fully finished, ready run locos

BR black livery

BR early green livery

BR late green livery

BR late green with wasp stripes

BR blue pre Top's

BR blue post Top's

RRP £199.95 OUR PRICE £169.50

Sound fitted RRP £410.70 OUR PRICE £345.00

DAPOL R-T-R TERRIERS

G.W.R green Portishead

L.B.S.C Marsh umber Gipsyhill

S.R green Fishbourne

BR late crest black 32636

RRP £225.00 OUR PRICE £189.99

Sound fitted RRP £410.70 OUR PRICE £345.00

LIONHEART SUBURBAN COACHES

Fully finished superb quality with interior details and lights

Single cars (3 types) B.R Maroon

RRP £265.00 OUR PRICE £225.00

2 car 'B' set G.W.R or B.R 6 types

RRP £470.50 OUR PRICE £399.99

4 car D set G.W.R or B.R 4 types

RRP £823.50 OUR PRICE £689.99

DAPOL (EX LIONHEART) PANNIERS

64XX and 74XX G.W.R or B.R

List Price £399.00 OUR PRICE £340.00

Available mid 2017 Reserve yours now

DAPOL (EX LIONHEART) AUTOCOACHES

Choice of B.R or G.W.R Liveries

RRP £200.00 OUR PRICE £170.00

Available mid 2017 Reserve yours now

NEW DAPOL 57XX LOW CAB PANNIER

Available in a range of G.W.R and B.R liveries plus London Transport red

RRP £235.00 OUR PRICE £199.75

Available mid 2017 Reserve yours now

NEW DAPOL 10 FOOT W.B WAGONS

B.R Open Wagons (various)

RRP £45.00 OUR PRICE £38.50

B.R VEA, VBA, MEAT, INSULATED AND STANDARD VANS (12 TYPES)

RRP £49.95 OUR PRICE £42.50

DAPOL R.T.R WAGONS

A range of approx. 100 private owner and company wagons 5, 7 and 8 plank

RRP £44.41 OUR PRICE £38.00

6 WHEEL MILK TANKERS 5 TYPES

RRP £80.60 OUR PRICE £70.00

S.R / B.R PILLBOX BRAKE VANS (4 Liveries)

RRP £80.60 OUR PRICE £70.00

See our website for details

NEW DAPOL JINTY

Early or late LMS S.D.J.R British Railways or late B.R available numbered or un-numbered

RRP £225.00 OUR PRICE £191.25

Any of the above sound fitted

RRP £400.00 OUR PRICE £340.00

Available late 2017. Reserve yours now

HELAN CLASS 128 PARCELS RAILCAR

6 Versions

See website for details

RRP £579.00 OUR PRICE £460.00

Available mid 2017. Reserve yours now

NEW HELJAN CLASS 121

Passenger Railcar

Available in a range of liveries from Cats Whiskers to N.S.E

RRP £579.00 OUR PRICE £460.00

Available late 2017. Reserve yours now.

NEW HELJAN CLASS 117

3 Car D.M.U

Available in a range of liveries from Cats Whiskers to N.S.E

RRP £1100.00 OUR PRICE £875.00

Available late 2018. Reserve yours now.

NEW HELJAN CLASS 120

2 and 3 Car D.M.U

Choice of blue or green liveries

2 car set RRP £800.00 OUR PRICE £640.00

3 car set RRP £1100.00 OUR PRICE £875.00

Available late 2018. Reserve yours now.

NEW HELJAN 61XX PRAIRIE TANK

HJ6100 6110 Great Western

HJ6101 6106 G.W.R

HJ6102 6114 B.R. unlined black

HJ6103 6111 B.R. unlined green

HJ6104 6132 B.R. lined green

HJ6120 un-numbered Great Western

HJ6121 un-numbered B.R. unlined black

HJ6122 un-numbered B.R. unlined green

HJ6123 un-numbered B.R. lined green

HJ6124 5184 Great Western

HJ6125 4144 B.R. unlined black

HJ6126 5158 B.R. lined green

RRP £649.00 OUR PRICE £500.00

Available late 2017 Reserve yours now

See our website for full details

NEW HELJAN 43XX MOGUL

7 standard versions in G.W.R and B.R all un-numbered and 3 limited editions numbered

List Price £779.00 OUR PRICE £630.00

Available 2018 Reserve yours now

NEW HELJAN CLASS 45

6 versions from original green to later blue

RRP £699.00 OUR PRICE £550.00

Available 2017 Reserve yours now

NEW HELJAN CLASS 03

Several versions from original green to later blue

Price to be confirmed

See our website for details

NEW HELJAN CLASS 05

HJ2590 B.R. Plain Green

HJ2591 B.R. Green with chevrons early

HJ2592 B.R. Green with chevrons late

HJ2593 B.R. Blue with chevrons

HJ2594 CEGB Yellow

HJ2595 NCB Green

HJ2596 Industrial Maroon

RRP £395.00 OUR PRICE £315.00

Available mid 2017 Reserve yours now

HELJAN READY TO RUN WAGON

Class B tankers 6 types

VAA vans 4 types

OAA open wagons 5 types

RRP £84.95 OUR PRICE £70.00

Mix and match any ten for £65.00 each

NEW HELJAN CLASS 37

CENTRE HEAD CODE VERSION

Green with yellow panel

Green with yellow ends

Blue with yellow ends

Blue large logo

Dutch livery

Railfreight 3 versions

RRP £599.00 OUR PRICE £475.00

Available early 2017. Reserve yours now

HELJAN CLASS 40

B.R. Blue with yellow ends

RRP £649.00 OUR PRICE £500.00

HELJAN CLASS 31

Green with yellow panels

RRP £579.00 OUR PRICE £460.00

HELJAN DELTIC

Green with yellow panels

Ltd Edition original green

RRP £599.99 OUR PRICE £475.00

HELJAN A.C. RAILBUS

Light green with cats whiskers

Dark green with cats whiskers

Green with yellow panel

RRP £495.00

OUR PRICE £395.00

Available now!

NEW HELJAN CLASS 60

Railfreight Triple grey sector livery

Loadhaul livery

RRP £649.00 OUR PRICE £510.00

NEW HELJAN FALCON

Lime green, green or blue

RRP £699.00 OUR PRICE £580.00

NEW HELJAN CLASS 25

Ltd Ed Plain Green

Green with yellow panel

Green full yellow ends

Blue with yellow front

RRP £599.00 OUR PRICE £475.00

Available late 2016. Reserve yours now.

HELJAN BR COACHES

SK second corridor

SO second open

FX first corridor

RMB restaurant mini buffet

BSK brake second corridor

BG gangwayed brake (parcels)

GUV general utility van

Choice of liveries

RRP £325.00 OUR PRICE £250.00

4 or more pay only £240.00 each

All currently available types in stock

NEW HELJAN WAGONS

Heljan Dogfish & catfish RRP £99.95

OUR PRICE £79.95 or £75.00 for 5 or more

Heljan Cargo Wagons RRP £189.00

Our price £155.00 each or £60.00 for any four

HELJAN CLASS 42

WARSHIP

Ltd Ed original green (no panel)

Green, yellow panel D827 'Kelly'

Ltd Ed, green, yellow panel un-numbered

Maroon, yellow panel D859 'Zest'

Ltd Ed, Maroon, yellow panel un-numbered

Maroon, yellow front D815 'Druid'

Ltd Ed, Maroon, yellow front un-numbered

Blue, yellow ends pre-tops D866 'Zebra'

Ltd Ed, Blue, yellow ends, pre tops, un-numbered

Blue, yellow ends post tops 829 'Magpie'

Ltd Ed, blue, yellow ends, post

HOW TO...

'Brush' away

With a bit of work and a sharp eye on costs, many older models can be brought into line with more recent productions.

TIM SHACKLETON shows how you can transform second-hand bargains into smooth-running, good-looking models you can be proud of.

THERE ARE MANY REASONS WHY locomotives don't run as well as we'd like and it isn't all about the kind of motor they have. The principal factor is that track and/or wheels are so dirty that current pick-up is impeded. The second is that current collection itself is inadequate, either because the locomotive has too few pick-ups or because they aren't working properly. The third is that insufficient attention is paid to lubricating the mechanism – paradoxically this usually means using too much of the

wrong kind of oil. The fourth is that the model hasn't been run in properly.

Regardless of whether the locomotive is digitally or analogue controlled, whether it's a state-of-the-art model from one of today's leading makers or something more basic from 20-30 years ago, failure to meet these essential criteria will always compromise performance. The only way to achieve consistently good, reliable running is to ensure compliance with each of these key performance benchmarks.

There's an interesting backstory here. Thanks to their obsolete 'pancake' motors and iffy



the cobwebs

pick-ups, Lima's UK locomotives were never the finest out-of-the-box runners but on the later models the basic bodyshell detail was very good indeed. On appearance alone Lima's 31 stands up well against modern models – I've also seen some excellent finescale upgrades of their Class 59s, 60s, 73s and even the much-maligned 'Western'.

Of course, the downside is that if you want to bring them up to speed, you need to do a considerable amount of the reworking yourself – but not everyone has the skills or the inclination to try this. If you do, however,

there are few more satisfying aspects of hands-on modelling than taking something that's a bit of a pig's ear and bringing it up to par with today's models, purely for the fun of it.

In this article, I'm going to modify two Lima Brush Type 2s bought second-hand for not very much at all. Mechanically and electrically, the upgrade involves rewheeling with Ultrascale conversion packs, fitting additional pick-ups, cleaning and re-lubricating the motor and a general all-round tune-up – you can follow the same procedure with pretty well any Lima locomotive of this vintage, and it

will make all the difference to the running.

As far as bodywork cosmetics are concerned, we'll be looking at flush glazing the windows, fitting new headcode panels and cab handrails, adding front-end pipework and a few other minor touches such as etched radiator fans and sprung buffers. It's not all that hard but it's very enjoyable and, other than the wheels, the cost is not great. Some compromise is inevitable but, as current models of our favourite classes become increasingly expensive and hard to find, it's good to know there are viable alternatives. 

Brush Type 2 D5862 at speed near Aldwarke Junction, Rotherham on August 12 1965. This panned shot perfectly encapsulates the kind of smooth, prototypical running I expect from my locomotives.
*Author's collection/
 BR Official.*



STEP BY STEP REVIVING LIMA BRUSH TYPE 2s

Intermediate
Beginner **SKILL LEVEL** Advanced

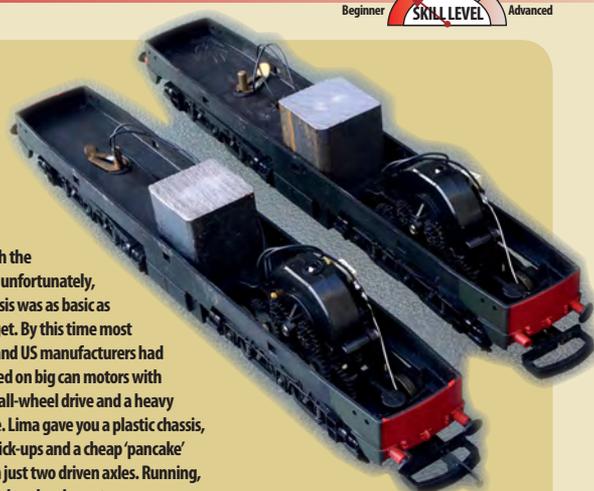
1

As far as looks and refinement of detail are concerned, the 1990 introduced Lima model of the Brush Type 2 still holds well against the later products. It was one of the first ready-to-run models to offer significant variation of detail between individual locomotives within the class. A quarter of a century on, it still looks the business and it continues to be available under Hornby's RailRoad brand, albeit with a new and better-quality motor.



2

Underneath the bodywork, unfortunately, Lima's chassis was as basic as you could get. By this time most European and US manufacturers had standardised on big can motors with flywheels, all-wheel drive and a heavy alloy frame. Lima gave you a plastic chassis, some iffy pick-ups and a cheap 'pancake' motor with just two driven axles. Running, at best, was barely adequate.



3

Only two wheels on the motor bogie collect current – on one side the leading and trailing wheels are 'live', and the same applies to the trailing bogie where the 'live' wheels are on the opposite side. This is a pretty basic arrangement and Lima half-heartedly fitted two additional wiper pick-ups to the trailing bogie. Slow-speed performance, as you can imagine, is disappointing.



4

Unlike many of today's models, Lima locomotives come apart very easily. The body simply undips from the chassis and the bogies then can be dropped out. I find it best to disconnect all the wiring at this stage so we don't tie ourselves up in knots. With the motor bogie removed (a couple of screws hold it in place) this is what we end up with.



5

Undipping the keeper plate allows you to remove the wheels from the trailing bogie without too much inconvenience. The power bogie is trickier. Here I'm doing the job very gently using a wheel puller, which grips the rim firmly while you wind up the screw-threaded pillar that gradually forces the wheel off the axle. It's a bit like a corkscrew in reverse. If you don't have such a tool, you're going to need pliers and a lot of force.



6

With the motor bogies stripped down, I'm scrubbing away years of caked-on grease using an old toothbrush and proprietary airbrush cleaner. This isopropyl alcohol-based solution is very good at dissolving the kind of built-up muck that impedes efficient operation. Don't, whatever you do, let WD-40 and similar products within a hundred metres of a model locomotive – they will attack the plastic and could cause gears to swell, destroying the mesh and guaranteeing poor running.



7

I've rewheeled the power bogies with Ultrascal's drop-in replacements – a like-for-like replacement of the best 4mm scale wheels on the market for some of the worst. Quality wheels such as these make a big difference to performance, especially when the chassis uses a 'live axle' arrangement. The carrying wheels on the unpowered centre axle should be 3ft diameter rather than 3ft 6ins, with the axleboxes mounted proportionately lower, but on Lima's sideframe mouldings the wheel centres have been fiddled to allow a standard motor bogie to be used.

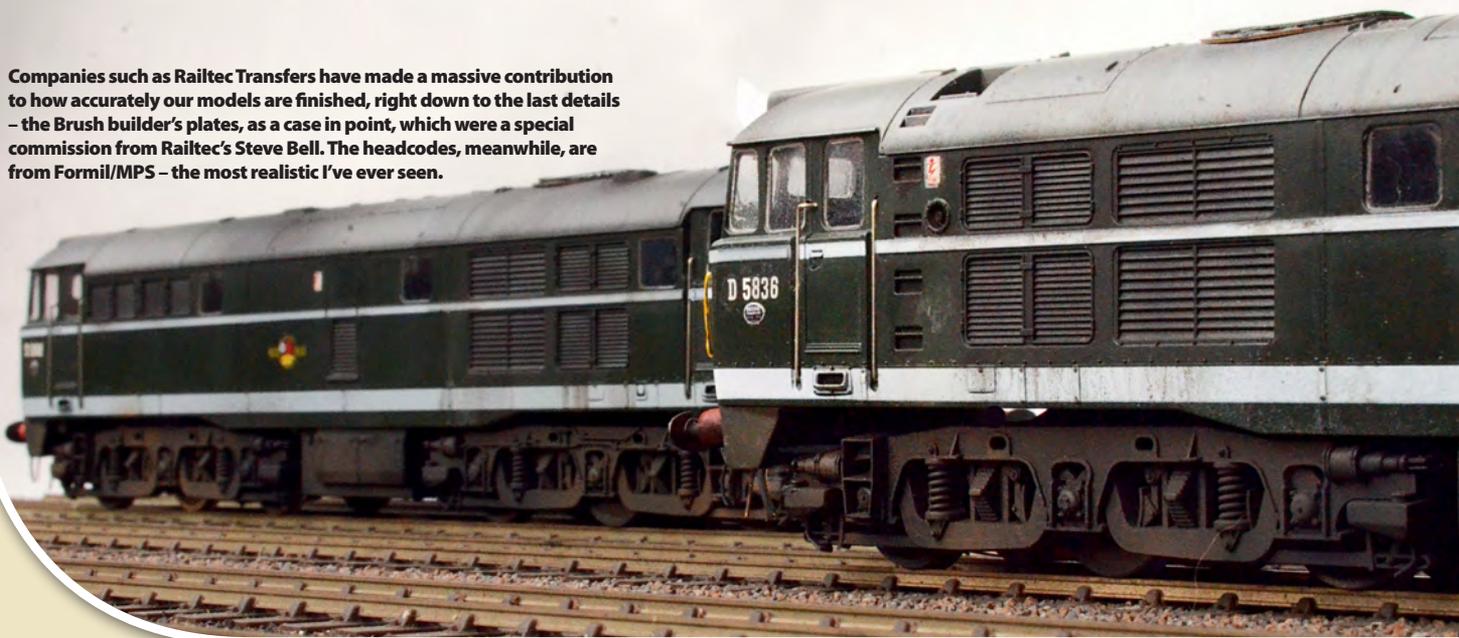


8

For the non-powered bogie, I'm going to use Alan Gibson 3ft 6in diameter coach wheels – another quality finescale brand. To improve current collection, I've removed the chemical blackening from the wheel treads and the backs of the tyres. The ones on the right are Pullman-style wheels that I've had for years without ever finding a use for them – until now!



Companies such as Railtec Transfers have made a massive contribution to how accurately our models are finished, right down to the last details – the Brush builder's plates, as a case in point, which were a special commission from Railtec's Steve Bell. The headcodes, meanwhile, are from Formil/MPS – the most realistic I've ever seen.



9 Look at the difference between Lima's dummy wheels and the infinitely more elegant (and realistic) finescale wheels. To reduce 'slop' in the plastic bogie bearings I've sleeved each axle with lengths of 3mm (outside diameter) brass tube, cut to length with a carborundum slitting disc.

10 Whatever type or gauge of wheels you use, it's important that the wheels are set the correct distance apart. Here I'm using a proprietary back-to-back gauge, though you can use a digital vernier to achieve the same result. Consistency is everything – even small differences can cause derailments.

11 With the wheels in place I'm adding fresh lubricant to the drivetrain. In the model train market, Nye is about the best you can get. Here I'm using a high-viscosity oil on the motor bearings and a plastic-compatible grease on the geartrain. Dirt, poor pick-up design and bad lubrication pose far more questions of running quality than whether a model has a three- or five-pole motor.

12 I'm adding extra pick-ups to the power bogie to supplement current collection through the wheels on the non-geared side. The more pick-ups you have, the better the running. First I've glued a strip of copper-clad strip to the keeper plate and then added pick-ups of 0.25mm beryllium copper wire, which has a good natural springiness.

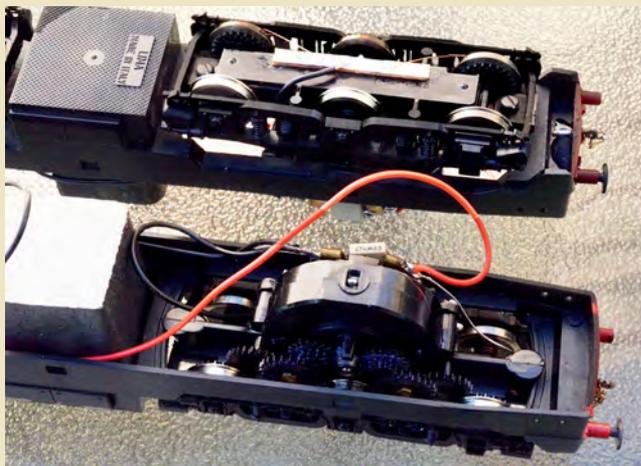
13 The pick-up wire is shaped to press against the wheel tread, out of sight behind the bogie frame. The end of the wire is looped round to provide a firm contact which will improve the quality and consistency of current collection. Use strong magnification to check that the pick-up is doing its job and adjust as necessary.

14 On the trailing bogie, an extra pick-up is soldered to the copper strip already installed. This is much longer than the pick-ups on the power bogie so instead of 0.25mm wire (which would be too whippy) I've used Alan Gibson's 0.33mm hard brass wire. I find a little bit of lead strip glued to the chassis moulding directly over the bogie helps with pick-up by keeping the wheels more firmly in contact with the track.

STEP BY STEP REVIVING LIMA BRUSH TYPE 2s

Intermediate
Beginner **SKILL LEVEL** Advanced

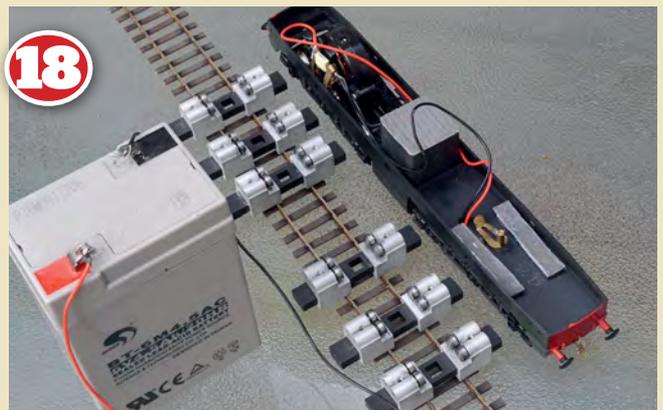
15 Once again, the end of the pick-up is looped round to provide better contact. To retain the geometry of the existing pick-ups, it's mounted above the axle centreline on this side. Each pick-up is checked and adjusted in turn to ensure it is collecting current.



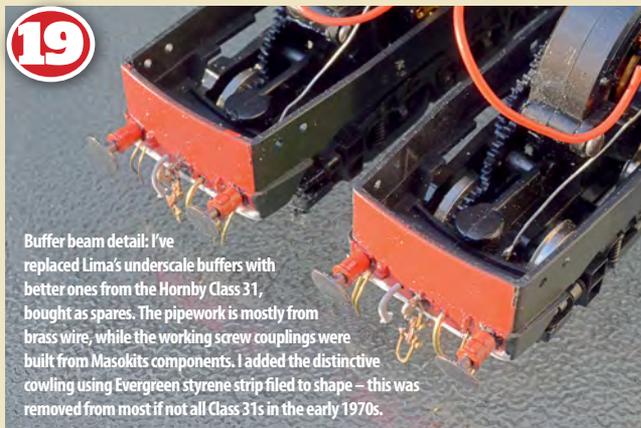
16 Motor bogies top and bottom. The difference the extra pick-ups make is quite extraordinary but this is only one factor among many, as we've discovered. I've carried out quite a few of these Lima chassis upgrades and compared with the unmodified out-of-the-box models that I still own, the improvement is out of all proportion to the effort expended.



17 Once everything is soldered in place it's time to clean the wheels thoroughly to get rid of greasy finger marks and splashes of flux. I'm using airbrush cleaner here but methylated spirits do the job just as well. Never stint on wheel cleaning (or trackwork for that matter). Proper cleaning makes a huge difference to how well (or not) your models collect current – and in turn how well they run.



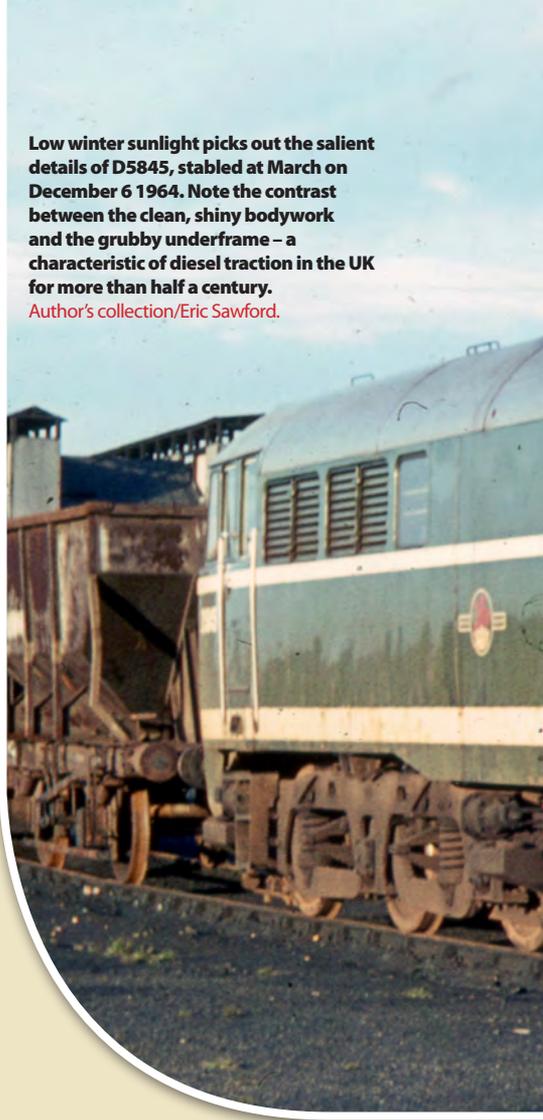
18 I'm about to give the revitalised pair of chassis a good spell of running in – even though they're from second-hand locomotives that have already seen many hours' service. This will help the components settle in and smooth off any residual rough edges.



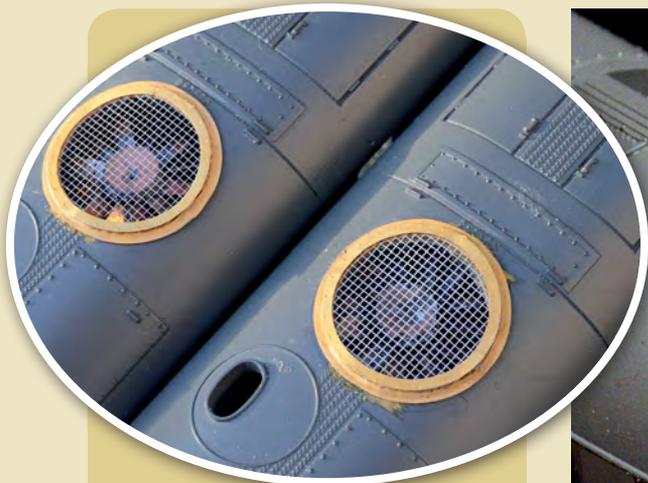
19 Buffer beam detail: I've replaced Lima's underscale buffers with better ones from the Hornby Class 31, bought as spares. The pipework is mostly from brass wire, while the working screw couplings were built from Masokits components. I added the distinctive cowling using Evergreen styrene strip filed to shape – this was removed from most if not all Class 31s in the early 1970s.



20 The cab ends have been upgraded with separately fitted metal handrails – the ones on the cab front are from 0.33mm brass wire, while the ones by the cab door are in nickel silver to reflect the 'unpainted metal' look of the prototype.



Low winter sunlight picks out the salient details of D5845, stabled at March on December 6 1964. Note the contrast between the clean, shiny bodywork and the grubby underframe – a characteristic of diesel traction in the UK for more than half a century. Author's collection/Eric Sawford.



21

The appearance and fidelity of any 4mm scale diesel will be enhanced by adding etched roof fans and grilles from Extreme Etchings. I resisted the temptation to add grab irons to the roof panels – on the prototype they are much smaller than you think, and next to impossible to reproduce to scale dimensions. If in any way overdone, such details look horribly dumsky.

USEFUL LINKS

Ultrascale wheels	www.ultrascale.uk
Alan Gibson	www.alangibsonworkshop.com
Extreme Etchings	www.shawplan.com
Railtec	www.railtec-models.com
Formil/MPS	www.johnlythgoe.com



22

Replacement Laserglaze windows from Extreme Etchings make a huge difference to the appearance of the front end – always the most distinctive feature of a diesel. I've had to make my own glazing for the headcode panels which is a laborious process involving filing to shape, offering up, filing to shape, offering up until you're satisfied.

EIGHT-PIN DECCO

TAKE A QUICK BROWSE ONLINE OR a visit to your local model shop and you will discover an amazing array of 8-pin Digital Command Control (DCC) locomotive decoders. They come in different shapes and sizes – direct plug or wired harness – and cater for all pockets – budget, mid-range and premium. But which do you choose?

It can be somewhat bewildering as they all appear to do the same thing. Budget decoders are attractively priced but usually feature a limited range of Configuration Variables (CVs) compared to full-specification decoders. While this should be more than adequate for

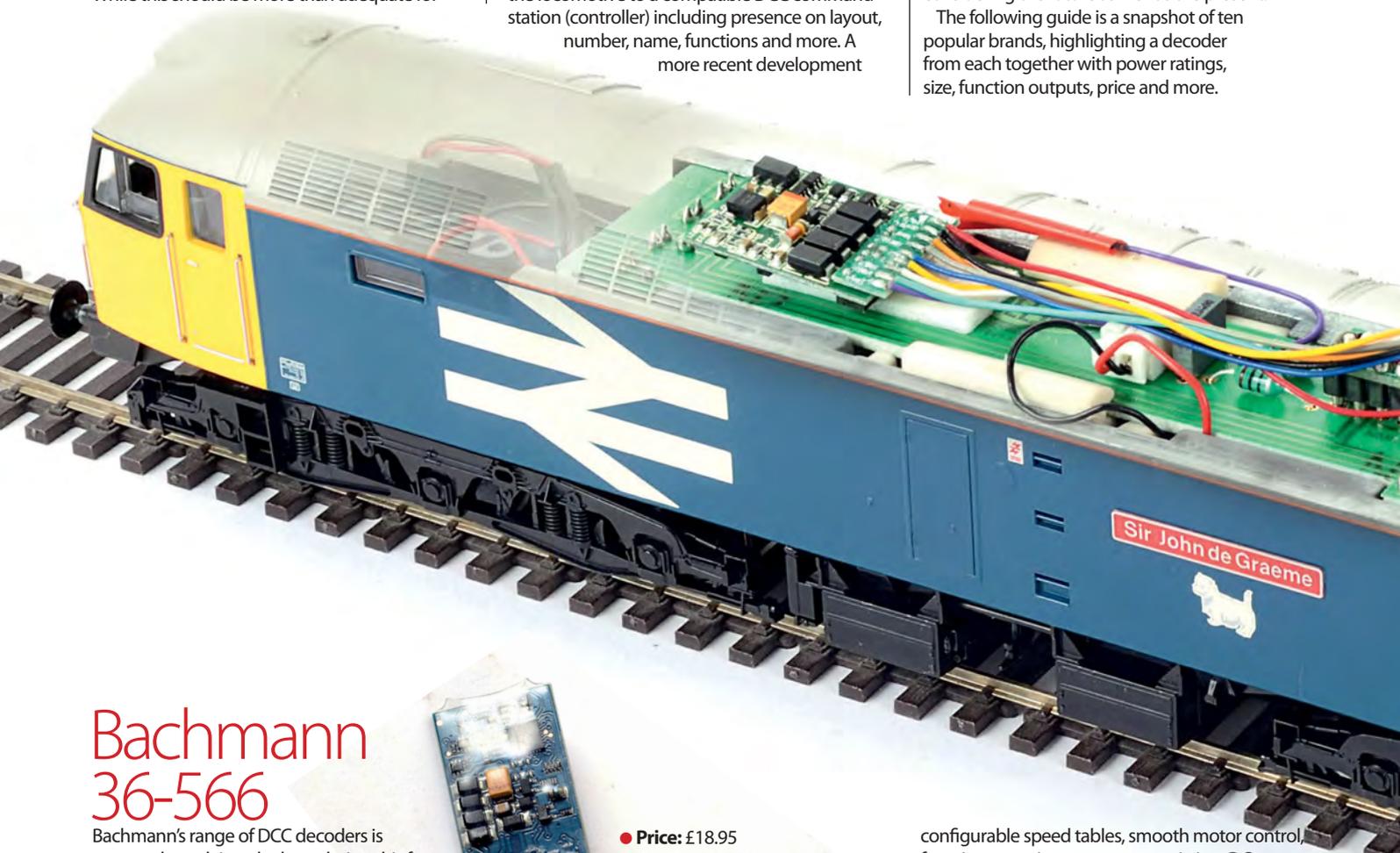
most users, it could lead to frustration in the future as you become more competent at fine-tuning your model's performance and functionality. That said, they still deliver good running characteristics and functionality, a selection of lighting effects and a cost-effective means of populating your locomotive fleet.

As you might expect, mid-range and premium decoders offer increased levels of refinement and motor control as well as 'stay alive' capability. A growing number are now RailCom or RailComPlus equipped, which means they can feed back information from the locomotive to a compatible DCC command station (controller) including presence on layout, number, name, functions and more. A more recent development

is ABC braking, developed by Lenz, which offers a form of layout automation with signal and distance controlled stopping.

As operators of DCC layouts ourselves, we know how difficult it can be to decide which decoder is right. Consider what you want the locomotive to do, what space is available for the installation and how many functions you require it to operate. For diesel locomotives, you may just wish to operate the directional lighting and interior lights but for steam locomotives you might want to add head and tail lamps, firebox glow and a steam generator. It is also worth considering the future as well as the present.

The following guide is a snapshot of ten popular brands, highlighting a decoder from each together with power ratings, size, function outputs, price and more.



Bachmann 36-566

Bachmann's range of DCC decoders is constantly evolving, the latest being this four-function 8-pin example (Cat No. 36-566). This double-sided decoder employs the manufacturer ESU's LokPilot Standard technology as its basis and includes four 250mA function outputs, motor output overload protection, Back EMF, lighting effects, three step and 28 step

- **Price:** £18.95
- **Cat No:** 36-566
- **Function Outputs:** 4
- **Size:** 15mm x 24mm x 4.6mm
- **Rating:** 0.9amp
- **Type:** Harness

configurable speed tables, smooth motor control, function mapping, supports consisting, DC operation and is compatible with coreless motors.

Interestingly, CVs 2, 5 and 6 are limited to a setting range of 0-64 on this decoder, although it proved quite adequate while on test.

For those who like to tweak light settings, you can customise your diesel locomotive head and taillights with a more realistic fade in/fade out effect as they change direction too (CV113=127/CV114=127).

Shrink-wrapped and attached to an 80mm harness, this decoder is also equipped with RailComPlus for bi-directional communication.

GUIDE RATINGS

	Ease of use	Performance	Price	Availability

DEERS

The range of Digital Command Control motor control decoders continues to grow. **MARK CHIVERS** casts his eyes over a selection of 8-pin NEM652 examples from the popular brands.

Digitrax DN136PS



- Price: £18.99 ● Cat No: DN136PS ● Function Outputs: 3
- Size: 14mm x 10mm x 5mm ● Rating: 1amp (1.5amp peak) ● Type: Harness

Offering perhaps the smallest footprint amongst the NEM652 8-pin harness decoders featured in this equipment guide is the Digitrax DN136PS.

Whilst it is small, it packs a lot into its diminutive size including three function outputs, Back EMF, torque compensation, silent motor drive, three and 28-step speed tables, advanced and universal consisting, configurable lighting effects, function mapping, motor isolation protection, supports standard and extended addressing and it offers a CV reset with or without changing the speed table, plus much more.

GUIDE RATINGS				
Ease of use				
Performance				
Price				
Availability				

Our DN136PS sample demonstrated impressive smooth running throughout the speed range while on test and was capable of creeping along at slow speed, almost silently. Shunting speed also proved effective, and once activated can be turned on/off using F6 on the controller.

Complementing its small size, the decoder features a 48mm 8-pin harness which plugs into the decoder through a JLT socket. It is this socket that determines its 5mm height - otherwise this tiny double-sided decoder measures in at less than 4mm, including insulating wrapper.



There is a large range of 8-pin DCC decoders available in a variety of sizes and styles. This Heljan Class 47 has been equipped with a Hornby Sapphire 8-pin decoder.

DCC Concepts ZEN DCD-Z360

- Price: £19.96
- Cat No: DCD-Z360
- Function Outputs: 4
- Size: 12.9mm x 14.5mm x 5mm
- Rating: 0.75amp (1amp peak)
- Type: Direct



This tiny ZEN 360 direct plug decoder forms part of DCC Concepts' range of 8-pin DCC motor control decoders, designed to suit models where available space is at a premium.

Just slightly larger than the 8-pin socket it is designed to plug into, the ZEN360 is effectively two small printed circuit boards (PCB) - one on top of the other - with an NEM652 plug directly beneath. However, appearances can be deceptive as this miniature marvel has four 100mA function outputs, self-adjusting Back EMF, lighting effects, function mapping, three and 28-step speed tables, supports short and long addresses and more.

Motor control can be fine-tuned through the supported CVs while a raft of lighting effects is also included such as random flicker which would suit use for firebox glow or even locomotive oil lamps and each ZEN360 comes with 'stay alive' capability too.

Whilst suited to most installations where space is an issue, it is worth noting that the double-thickness PCB on the ZEN 360 adds a little extra height to this small decoder and therefore requires 5mm or so clearance between the decoder socket and inside edge of a bodyshell.

Other ZEN decoders in the range include the NANO 8-pin direct plug, which is even smaller than the 360, and the versatile 8-pin/21-pin ZEN 218 which features a 21-pin socket and separate 8-pin harness.

GUIDE RATINGS				
Ease of use				
Performance				
Price				
Availability				

ESU 5461 1 LokPilot V4.0 DCC

- Price: £29
- Cat No: 54611
- Function Outputs: 4
- Size: 15mm x 21mm x 5mm
- Rating: 1.1amp
- Type: Harness



German manufacturer Electronic Solutions Ulm (ESU) is respected throughout the world for the quality of its products and was one of the first to develop DCC decoders with sound.

Amongst its popular motor control options

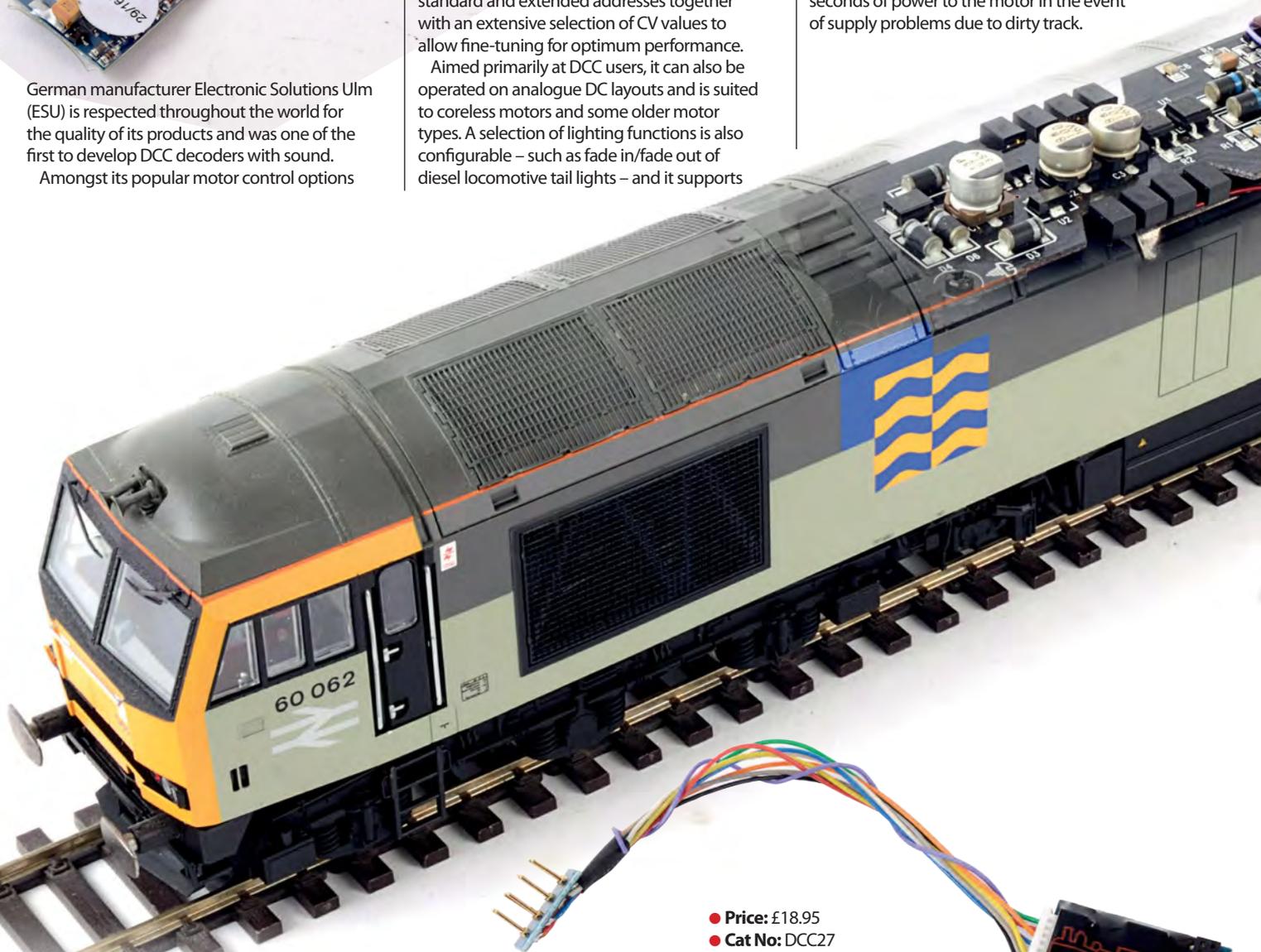
is the double-sided LokPilot V4.0 DCC (Cat No. ESU 54611) which offers four 250mA outputs, 40/20kHz pulse width frequency for improved motor performance at slow speed, overload and short circuit protection, Back EMF, supports all programming modes, standard and extended addresses together with an extensive selection of CV values to allow fine-tuning for optimum performance.

Aimed primarily at DCC users, it can also be operated on analogue DC layouts and is suited to coreless motors and some older motor types. A selection of lighting functions is also configurable – such as fade in/fade out of diesel locomotive tail lights – and it supports

GUIDE RATINGS				
Ease of use	■	■	■	■
Performance	■	■	■	■
Price	■	■	■	■
Availability	■	■	■	■

ABC braking mode as well as RailComPlus.

Supplied with an 80mm 8-pin harness, the LokPilot Standard V4.0 DCC comes shrink-wrapped to provide adequate insulation. A separate power pack energy store can also be connected to provide up to two seconds of power to the motor in the event of supply problems due to dirty track.



- Price: £18.95
- Cat No: DCC27
- Function Outputs: 4
- Size: 22mm x 16mm x 5.4mm
- Rating: 1amp (1.8amp peak)
- Type: Harness (8-pin)/ Direct (21-pin)

Gaugemaster DCC27 OMNI

Gaugemaster has been synonymous with model railways since the 1970s, producing its first analogue controller in 1977 and subsequently developing an extensive range of model railway transformers, controllers and accessories which now includes its highly regarded Prodigy Advance DCC system.

Amongst the company's own-brand range of electronics and accessories is this versatile DCC27 OMNI double-sided DCC decoder, suited to both 8-pin and 21-pin installations.

Supplied with a separate 75mm 8-pin harness which connects to the 21-pin direct

GUIDE RATINGS				
Ease of use	■	■	■	■
Performance	■	■	■	■
Price	■	■	■	■
Availability	■	■	■	■

plug decoder via a JST socket, the OMNI 1amp decoder boasts four function outputs, Back EMF, silent drive, function mapping, special lighting effects, decoder lock and supports DC operation and consisting amongst its specification.

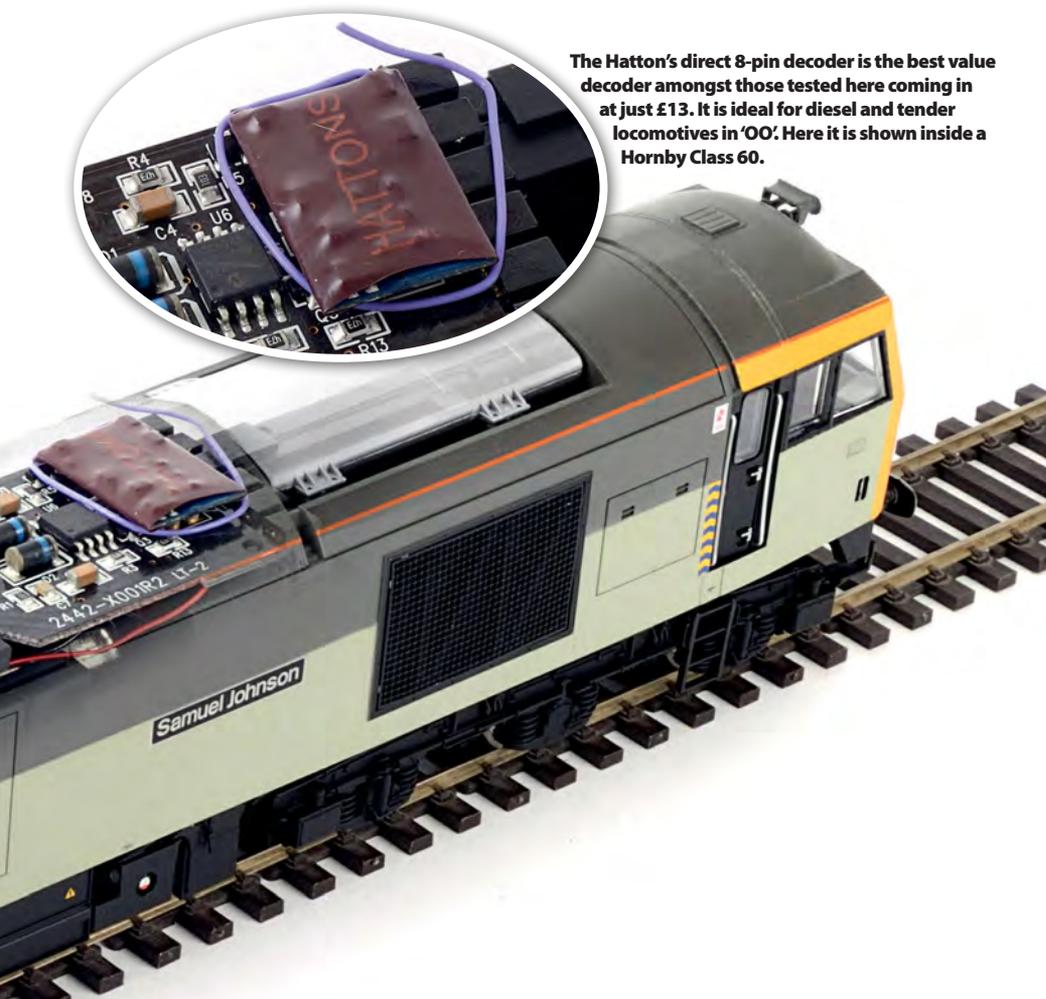
For modern era modellers, the OMNI decoder also features a fluorescent flickering light

effect which can be activated through CV47.

Whilst supported CVs are limited in number, instructions to help you get the best from the decoder are available on Gaugemaster's website.

Complementing the range is a 1amp (1.5amp peak) 8-pin direct decoder (Cat No. DCC29 OMNI) which has a footprint slightly larger than an NEM652 socket, measuring 15mm x 12mm x 5.5mm. Also, a 1.1amp (1.8amp peak) 8-pin decoder (Cat No. DCC26 OPTI) is available measuring 19mm x 11mm x 5mm and includes a plug-in 7-pin JST harness. Each is shrink-wrapped and double-sided.





The Hatton's direct 8-pin decoder is the best value decoder amongst those tested here coming in at just £13. It is ideal for diesel and tender locomotives in 'OO'. Here it is shown inside a Hornby Class 60.

Hornby R8245 Sapphire

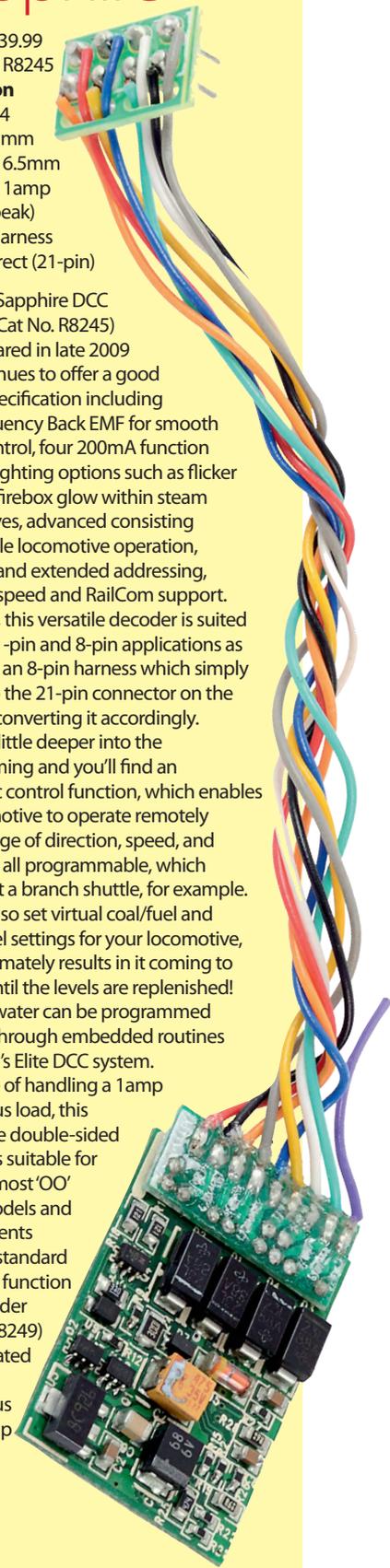
- **Price:** £39.99
- **Cat No:** R8245
- **Function**
- Outputs:** 4
- **Size:** 23mm x 17mm x 6.5mm
- **Rating:** 1amp (1.5amp peak)
- **Type:** Harness (8-pin)/Direct (21-pin)

Hornby's Sapphire DCC decoder (Cat No. R8245) first appeared in late 2009 and continues to offer a good quality specification including high frequency Back EMF for smooth motor control, four 200mA function outputs, lighting options such as flicker effect for firebox glow within steam locomotives, advanced consisting for multiple locomotive operation, standard and extended addressing, shunting speed and RailCom support.

Cleverly, this versatile decoder is suited to both 21-pin and 8-pin applications as it features an 8-pin harness which simply plugs into the 21-pin connector on the decoder, converting it accordingly.

Delve a little deeper into the programming and you'll find an automatic control function, which enables the locomotive to operate remotely with change of direction, speed, and duration - all programmable, which would suit a branch shuttle, for example. You can also set virtual coal/fuel and water level settings for your locomotive, which ultimately results in it coming to a stand until the levels are replenished! Fuel and water can be programmed direct or through embedded routines in Hornby's Elite DCC system.

Capable of handling a 1amp continuous load, this impressive double-sided decoder is suitable for use with most 'OO' gauge models and complements Hornby's standard 8-pin four function DCC decoder (Cat No. R8249) which is rated at 0.5amp continuous load (1amp peak).



HORNBY magazine
Best value!

Hatton's DCR-8PIN-Direct

- **Price:** £13
- **Cat No:** DCR-8PIN-Direct
- **Function Outputs:** 4
- **Size:** 13mm x 18mm x 3.6mm
- **Rating:** 1.1amp (1.6amp peak)
- **Type:** Direct

Offering a budget own-brand motor control decoder, Hatton's of Liverpool's 8-pin direct plug DCR-8PIN-Direct delivers four-function outputs, three and 28 step speed tables, Back EMF, silent drive, supports consisting, standard and extended addressing and CV programming in its specification.

What makes this double-sided decoder stand out is its size. Measuring just 3.6mm high, it is one of the finer direct plug decoder types available and suitable for fitting within locomotives that have limited space for a DCC installation. We tested this ability in Hornby's recently released 'OO' gauge Class 71 Bo-Bo electric.

GUIDE RATINGS				
Ease of use				
Performance				
Price				
Availability				

Understandably, the list of accessible CV values is limited in comparison to a fully specified decoder, but those which are configurable enable you to achieve smooth and quiet running qualities. Other useful elements include the ability to switch off Back EMF when double-heading, a decoder locking feature, which is useful for multiple decoder installations, while pin No. 1 is identified on the shrink-wrapped sleeve to aid installing the decoder correctly. It will also happily operate on analogue DC layouts.

Also available is a 75mm harness version (Cat No. DCR-8PIN-Harness), measuring 13mm x 20mm.

GUIDE RATINGS				
Ease of use				
Performance				
Price				
Availability				

Lenz Standard+ V2

- Price: £20.75 ● Cat No: 10231-02 ● Function Outputs: 4
- Size: 15mm x25mm x 3.6mm
- Rating: 1amp (1.8amp peak) ● Type: Harness

Lenz has long been at the forefront of digital model railway technology, introducing its first fully NMRA standard compliant DCC system and decoders in the mid-1990s. Since then it has built an enviable reputation for quality with its range of Gold, Silver and Standard motor control decoders.

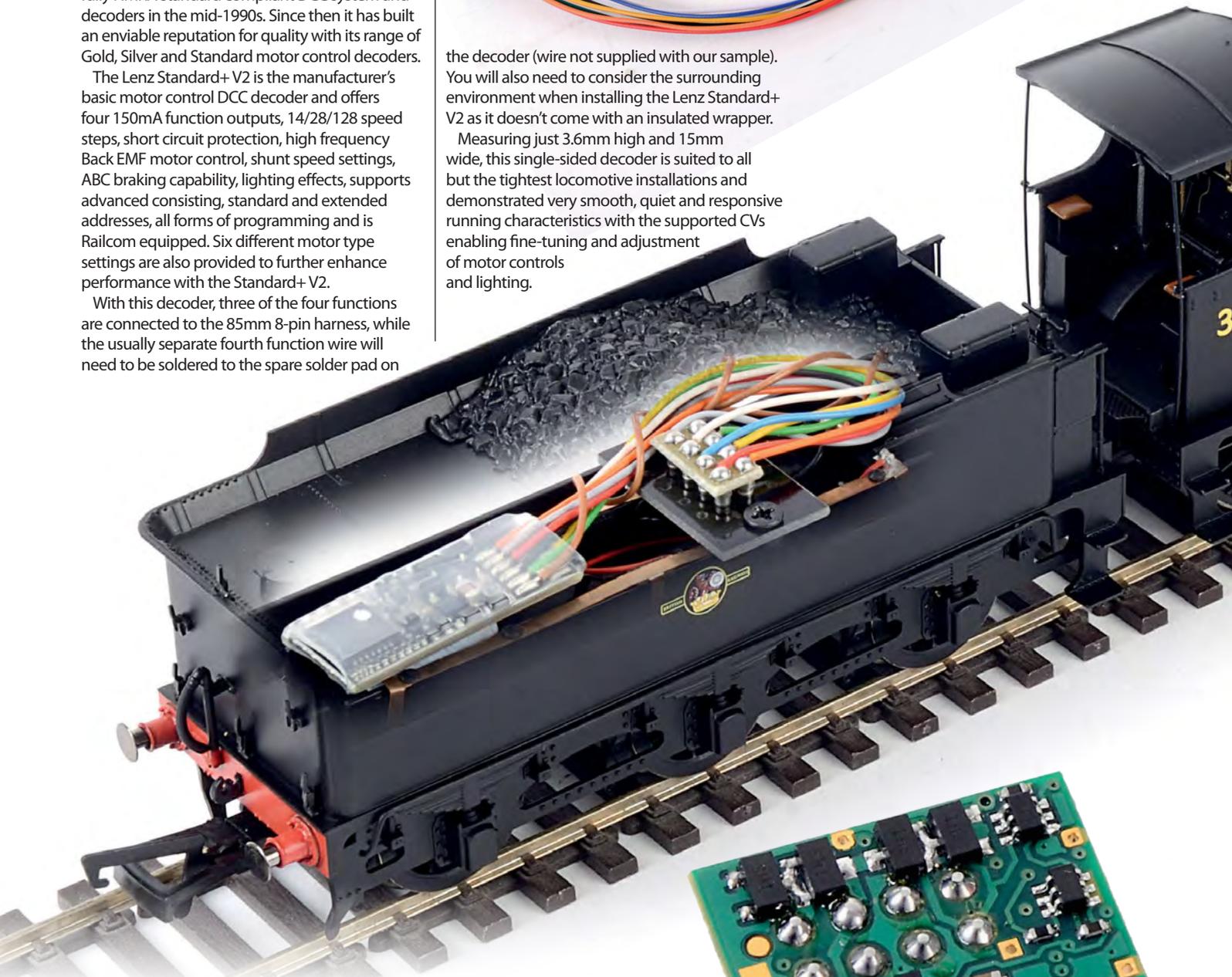
The Lenz Standard+ V2 is the manufacturer's basic motor control DCC decoder and offers four 150mA function outputs, 14/28/128 speed steps, short circuit protection, high frequency Back EMF motor control, shunt speed settings, ABC braking capability, lighting effects, supports advanced consisting, standard and extended addresses, all forms of programming and is Railcom equipped. Six different motor type settings are also provided to further enhance performance with the Standard+ V2.

With this decoder, three of the four functions are connected to the 85mm 8-pin harness, while the usually separate fourth function wire will need to be soldered to the spare solder pad on

GUIDE RATINGS				
Ease of use	■	■	■	■
Performance	■	■	■	■
Price	■	■	■	■
Availability	■	■	■	■

the decoder (wire not supplied with our sample). You will also need to consider the surrounding environment when installing the Lenz Standard+ V2 as it doesn't come with an insulated wrapper.

Measuring just 3.6mm high and 15mm wide, this single-sided decoder is suited to all but the tightest locomotive installations and demonstrated very smooth, quiet and responsive running characteristics with the supported CVs enabling fine-tuning and adjustment of motor controls and lighting.



TCS DP2X-UK

- Price: £30.55 ● Cat No: DP2X-UK ● Function Outputs: 2 ● Size: 11.5mm x 17.5mm x 3mm
- Rating: 1amp (2amp peak) ● Type: Direct

America's Train Control Systems (TCS) manufactures an astounding variety of DCC decoders ranging from two-function motor decoders to eight-function sound decoders which can play up to seven sounds simultaneously.

One decoder produced specifically for the UK market is its DP2X-UK. Available for some time now, it is a direct-plug 8-pin decoder which had the pins re-orientated for UK installations. It has proved particularly useful for models with limited space for an installation such as Hornby's 'OO' gauge Drummond 'M7' 0-4-4T, where removal of the ballast weight might otherwise

be required. It also fitted (just) within Hornby's recent 'OO' gauge Class 71 Bo-Bo electric, but would benefit from insulation and was also a comfortable fit in Hornby's Adams 'Radial' 4-4-2T.

The double-sided DP2X-UK features just two 100mA function outputs which perhaps shows its age now, but also boasts Quiet Drive for smooth motor performance, Back EMF, slow speed dither control, three and 28-step speed tables, adjustable lighting, function mapping and is equipped with RailCom.

To identify the location of pin 1 on this decoder you need to refer to the instruction leaflet, as

GUIDE RATINGS				
Ease of use	■	■	■	■
Performance	■	■	■	■
Price	■	■	■	■
Availability	■	■	■	■

there appears to be no indication on the decoder itself. Once orientated correctly, the decoder operated smoothly and quietly using default settings although we noticed a tendency for slight speed surges on deceleration once we altered CVs 2, 3, 4, 5 and 6 to match those used to test the other decoders within this equipment guide.



Zimo's new MX600R is Hornby Magazine's choice from the selection tested. Following our extensive experience with Zimo sound decoders it ticks all the right boxes and offers a wide range of functions at a good price.



Zimo MX600R

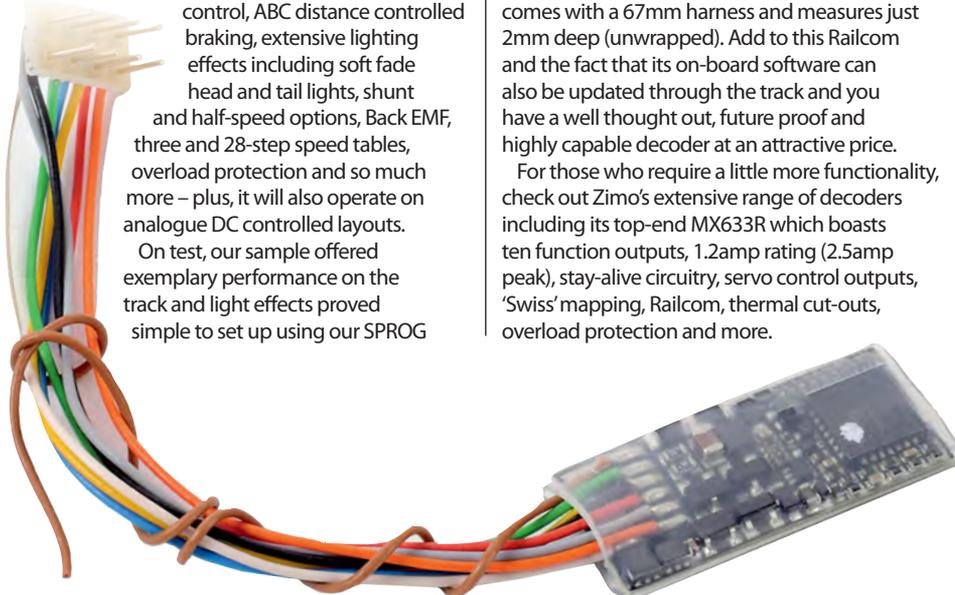
- Price: £19 ● Cat No: MX600R ● Function Outputs: 4
- Size: 25mm x 11mm x 3mm ● Rating: 0.8amp (1.5amp peak) ● Type: Harness

Austrian manufacturer Zimo has been developing digital model railway control systems since the late 1970s and currently produces a prolific range of Digital Command Control (DCC) motor, function, accessory and sound decoders.

A recent introduction has seen the MX600 series of DCC decoders aimed at entry-level applications.

This impressive single-sided decoder has four function outputs, smooth motor control, ABC distance controlled braking, extensive lighting effects including soft fade head and tail lights, shunt and half-speed options, Back EMF, three and 28-step speed tables, overload protection and so much more – plus, it will also operate on analogue DC controlled layouts.

On test, our sample offered exemplary performance on the track and light effects proved simple to set up using our SPROG



GUIDE RATINGS				
Ease of use				
Performance				
Price				
Availability				

II USB programmer and DecoderPro software as well as more conventional handset programming with a Gaugemaster Prodigy.

In addition to its high specification, the MX600R comes with a 67mm harness and measures just 2mm deep (unwrapped). Add to this Railcom and the fact that its on-board software can also be updated through the track and you have a well thought out, future proof and highly capable decoder at an attractive price.

For those who require a little more functionality, check out Zimo's extensive range of decoders including its top-end MX633R which boasts ten function outputs, 1.2amp rating (2.5amp peak), stay-alive circuitry, servo control outputs, 'Swiss' mapping, Railcom, thermal cut-outs, overload protection and more.

TERMINOLOGY	
Back EMF	This feedback is used as a means of preventing a train slowing down or speeding up on gradients and regulates motor speed.
Command station	Control hub of a DCC operated layout.
Consisting	Two or more locomotives operating together using the same DCC address.
DCC	Digital Command Control. Model railway digital control system.
DCC fitted	Model supplied with factory fitted DCC decoder.
DCC onboard	Model supplied with factory fitted DCC decoder.
DCC ready	Model supplied with DCC decoder socket only.
DCC sound fitted	Model supplied with factory or supplier fitted DCC sound decoder and speaker.
Decoder	Printed circuit board for operating model railway locomotives and accessories.
Function output	Used to control functions on DCC locomotives or coaches such as lights or sound files.
NEM	This acronym relates to a product which conforms to European Standards for Model Railways established by the MOROP (Modellbahnen Europe) association in Europe.
Programming track	DCC term for track which is separate from the rest of a layout, used for programming locomotive CVs.
Speed steps	DCC power control increments. The more steps you have, the smoother the speed transition. Equally divided into 14, 28 and 128 steps, depending on controller setting.

USEFUL LINKS	
Bachmann	www.bachmann.co.uk
DCC Concepts	www.dccconcepts.com
DecoderPro	www.decoderpro.com
Digitrax	www.digitrax.com
ESU	www.esu.eu
Gaugemaster	www.gaugemaster.com
Hatton's	www.hattons.com
Hornby	www.hornby.com
Lenz	www.digital-plus.de
Sprog DCC	www.sprog-dcc.co.uk
TCS	www.tcsdcc.com
ZIMO	www.zimo-digital.co.uk

How to install...

POINT RODDING

Wills Models' range of point rodding kits are a simple and affordable means of introducing detail at the lineside. **NIGEL BURKIN** explains how the kits can be used in conjunction with a ground frame in 'OO' gauge.

MECHANICAL signalling saw lengths of rod and wire running alongside the track to control points and signals. Until relatively recently this was a tricky procedure outside the scope of most modellers, but with the introduction of injection moulded plastic kits to the Wills range that situation has changed for the better.

Here we are using the Loch Dhu siding scene to show how these readily available kits can be used to really enhance the trackside detailing of this compact model. The project consists of a four level ground frame and a selection of rods, supports and cranks.

Before plunging into the project, it needs a little context first. For the sake of completing the layout, I made some decisions about modelling the local turnout control. The points face each other which means they would be operated as an A- and B-end arrangement with one lever. Secondly, the line carried a passenger service, making the use of facing point locks important – again one lever would work both. Thirdly, the siding is located within a single line section which would either be released electronically by the



A ground frame and point rodding goes a long way to detail a simple model railway scene. Assembling it in a convincing manner can be challenging!

nearest signalbox or unlocked with the token key relating to that section – the more likely option.

Finally, and perhaps most importantly, the model has to work within the limitations of the scenic kits produced under the Wills Models label. Superb as they are, off-the-shelf plastic kits cannot possibly cover all of the permutations of point rodding, either controlled by a signalbox or ground frame. Adaptation, tweaking and some compromise was necessary to add this feature to the layout.

I used the illustrations on the packaging labels as a guide but added my own research to check on the point lever colours that I would need. Fortunately, I have also paid attention to existing point rodding installations both on the main line railway and the preserved Strathspey Railway during my photographic field trips. The result, I hope, is a fair representation of a locally worked ground frame controlling access to a minor freight branch or siding, unlocked with a token key.

WILLS KITS

Two of the three superb Wills Models kits were chosen for this simple project. SS91 provided the basis for the ground frame, the kit being modified to suit its location, and the rodding was modelled using components from kit SS89. There was just sufficient lengths of rodding in the kit to equip the exchange siding scene. An extension kit is available for extended runs of point rodding allowing much larger systems to be covered.

I started with the ground frame, using one of

the four-lever kits. Of the four levers, one lever would be required to unlock the frame – this would have a shorter handle than the others to indicate that there's little resistance on that lever with little effort needed to throw it. One lever would operate the facing point locks of both A- and B-ends of the arrangement on the layout. A third lever would simultaneously throw the turnouts. The fourth lever is now not used on the layout, but retained as a spare.

The ground frame could be used as supplied in the kit. However, I modified it by fitting a cover for the interlocking mechanism on the back of the frame which is commonly seen on ground frames in the north of Scotland. This involved cutting a section away from the base and adding a new support frame, the box at the rear and a modified panel – a simple change at the workbench.

LEARNING THE RODS

A bewildering array of components, some of them quite small, makes up the point rodding kit. It is important to study the images printed on both sides of the packaging. There is a surprising amount of information and it is easy to miss some details at a first glance.

In addition to a good number of lengths of plain rodding, the kit contains a variety of angle cranks, different heights of crank base, expansion compensators, adjustable cranks, facing point locks and three sizes of downset drive joints.

The various downset drive joint rods are designed to suit the three heights of crank bases which allows the modeller to create clusters

TOOLS and MATERIALS

- » Tweezers
- » Modelling knife and spare blades
- » Pin vice
- » Twist drills from 0.3mm to 2.0mm
- » Cutting mat
- » Xuron sprue cutter
- » No. 1 paint brush for applying solvent cement
- » Flat needle file
- » Stirring sticks
- » Micro brushes (optional)
- » Grade 600 and 1200 wet and dry paper
- » Super glue (CA adhesive) such as Plasti-Zap
- » Solvent cement (Plastic Weld)
- » 10thou plastic strip
- » 0.64mm Evergreen plastic rod
- » 30thou by 30thou plastic strip
- » Tamiya medium grey acrylic paint
- » Lifecolor 'Shades of Black' paint pack
- » Wooden lolly sticks
- » Small pieces of plasticard including 10, 20 and 30thou

of cranks in the correct order. Each cluster of cranks should have a crank fitted at a lower height to the next so they clear of each other. Individual cranks or adjusters are located at a lower position than rodding runs for clearance.

The downset drive joints make this height adjustment so cranks can operate without fouling point rodding. The same goes for the use of adjusters which take up expansion and contraction as the ambient temperature changes. They are particularly important over long runs of rodding. I included them in the longer runs of the layout to add some further detail to the layout.

With the chance of a passenger service over the main line, facing point locks are an important feature to add at the toe of at least the main line turnout. The kit provides sufficient point locks for two turnouts together with linkages. Studying photographs of the prototype, there are two levers for such turnouts: one to operate the points and one to set the point lock. Two runs of rodding are needed for one turnout as a result. During installation, I added a facing point lock to the second turnout too, just to be on the safe side!

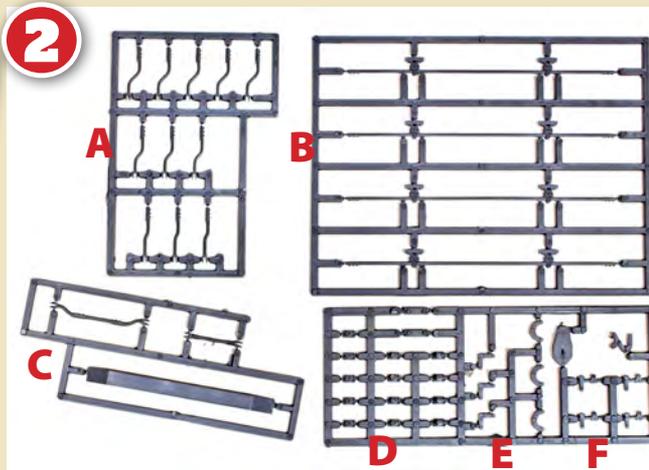
The point rodding was used as supplied in the kit, with relatively minimal adaptation. Where the supplied rodding sections did not fit, short extension pieces were slotted in using 30-thou square styrene strip. The lengths of single rodding passing under the running rails were represented with styrene strip too.

All in all the Wills plastic point rodding kit makes the once complicated task of introducing this intricate detail much more achievable and for anyone who has built a plastic kit in the past this is well within reach. The result, especially on a compact layout like this, brings an important element of detail and we hope to show you a more complex installation on a future *Hornby Magazine* project layout too. 



STEP BY STEP INSTALLING A WILLS GROUND FRAME AND POINT RODDING

1 Wills Models' kits for a ground frame (SS91) and associated point rodding components (SS89).



The components supplied in Wills kit No. SS89. There are more sprues for each set of components supplied in the kit than are shown in this photograph. The components include: **A:** Three sizes of drive joints which link cranks and compensators to rodding. **B:** Point rodding which includes bases and supports. **C:** Point components including deflection ramps. **D:** Three heights of crank base. **E:** Cranks. **F:** Adjustable cranks and compensators.



3 Ground frames and point rodding go hand in hand. Wills Models offers a neat little ground frame kit which may be built as it comes or kit-bashed into something a little different.



4 The Wills ground frame kit provides enough parts for four frames: two with four levers and two with a pair of levers. They may be cut up and combined to suit the layout. If you have too many lever frames, you have the option of painting unused levers white or not to fit them at all.



5 A little work with some off-cuts of plastic card and strip soon changes the character of the ground frame kit. The model built to the instructions is furthest from the camera.



6 Painted up according to the kit instructions. A red lever would control a signal and is not appropriate to the layout project. Further research into lever colours soon revealed the correct colours to use. This layout theme only required three of the four levers.



7 Before commencing point rodding installation, first the location of the ground frame needs to be decided and how it is to be connected to the turnouts. A little juggling around may be necessary.

8 A strip of styrene fitted alongside the track was left free of ballast until the position of the rodding bases could be determined. The kit recommends installing the point rodding and its bases prior to ballasting.



9 Small packing pieces of styrene were added to ensure that the rodding was fitted at the correct height and was more or less level when fully installed.



PAINTING AND FINISHING

The ground frame levers have been finished in four colour schemes: black for point actuation, blue for the facing point locks, blue with a brown base for the shorter release lever and white for the unused lever. The rest of the assembly was painted matt black from the Lifecolor paints 'Shades of Black' paint set.

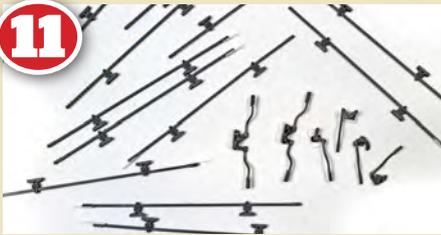
Point rodding was treated to a thin coat of Tamiya medium grey paint with a touch of dull red for the cranks. Both the frame and the rodding were lightly weathered with shades of black and a hint of rust applied on a dry brush – the weathering was not overdone; just a hint to tone down the base paint colour.

Beginner **SKILL LEVEL** Intermediate Advanced



10

Working out the position of the facing point lock on the main running line together with adjustment cranks and rodding. It's a process which takes time, but it is well worth a number of dry tests before committing to a final arrangement.



11

Having installed all of the bases, the rodding and cranks together with adjusters were carefully assembled at the workbench ready to add to the layout. The rodding was fitted with a slip of 10thou plastic strip at one of the ends to assist joins with adjacent sections.



13

A compensator was fitted partway along the run of point rodding - a device which takes up expansion and contraction in the rodding. A length of 30-thou square strip bridges the compensator on the adjacent run of rodding.



14

Fittings at the toe of the turnout. One rod activates the points whilst the other sets the facing point lock, an important feature for a railway which has (or had) a passenger service. To be on the safe side, the adjacent turnout was also fitted with a facing point lock.



12

A twin run of rodding along the main running track: one for the facing point lock and one for the turnout points. The rodding can be glued together side by side. Ballasting needed to be touched up at this stage and the rodding painted.



15

Painted, weathered and with ballasting finally completed, the point rodding looks the part.



16

The ground frame and ground staff working the exchange add character to a simple scene. The white painted lever is not in use and would not be connected to any rodding or signal cable.

Real world ground frames

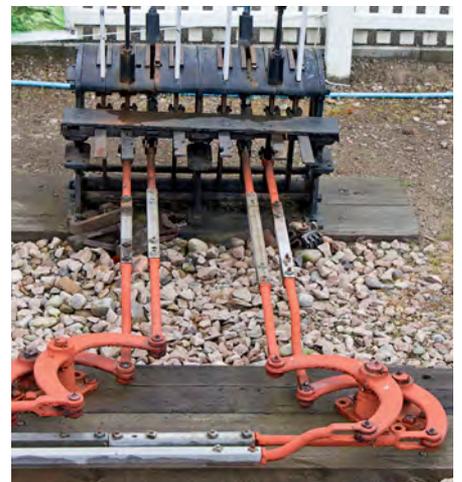


Above:
An interlocked ground frame at Nairn station. It controls the diverging turnout seen to the right in the photograph. One run of rodding controls the facing point lock. The second controls the points themselves, the associated rod being connected to two stretcher bars.

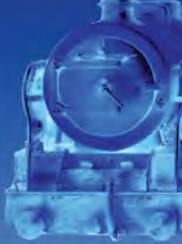
Left: A five-lever ground frame, with one position out of use, controlling access between the Strathspey Railway and Network Rail at Aviemore.



The use of adjustable cranks where the rodding connects with the turnout point locks and stretcher bars.



Clusters of angle cranks mounted on wood change the direction of the movement. Note how they are stacked at different heights and the use of curved downset drive joints to make the connection with the rodding.



Cobalt iP digital

**525,000 plus changes and still going...
counted on its own internal switches!**

A look behind the scenes @DCCconcepts:

Every time we produce a batch of Cobalt motors, we take random samples from the batch and test them until they no longer work perfectly!

What's more, while that is of course important, we don't just test them for reliable changing... We count all our tests two ways, watching both the commands to change sent from the Tester AND reading the feed-back from Cobalts own on-board S.P.D.T. switches.

We also analyse every single test, trying to make every Cobalt motor a little better every single time...

The result? Cobalt tests now exceed 500,000 changes per test... with little no change in the operating quality

So why are Cobalt iP Digital and Cobalt iP Analog so reliable?

- Tooling is replaced before it wears and the case is made from super-stable plastics
- Gearing is made from really long-life engineering plastics created for gearing use.
- We use Gold plated Phosphor-bronze contacts & we harden switching PCB tracks for low wear.

So - What does such high reliability mean for YOU? We think it means a lot!

An example? we offer a lifetime warranty: However - What's it worth unless we know what a lifetime may be? In the case of Cobalt iP we now KNOW that the average Cobalt iP turnout motor, Digital or Analog will out-last us all as the tests we put them through equal more than 200 years "On-layout" use...

So our LIFETIME warranty is a real benefit to YOU: We like that!

Cobalt point motors & all other DCCconcepts products are distributed world-wide by DCCconcepts Pty. Ltd
3/13 Lionel St, Naval Base WA 6165 Australia P+61 8 9437 2470 F+61 8 9437 2471 www.dcccconcepts.com

DCCconcepts welcomes Retailer & Distributor enquiries. In the UK, DCCconcepts products are distributed by Gaugemaster Controls Ltd., Ford Rd, Arundel BN18 0BN Ph. +44 1903 884 488 www.gaugemaster.com



MODEL SHOP
GOING LOCO
HOBBY CENTRE




Exhibition Diary, see us at:-
Saturday 11th & Sunday 12th
February 2017
**Warners Festival of British Railway
Modelling**
Doncaster Racecourse DN2 6BB

Saturday 4th & Sunday 5th March
2017
Preston Model Railway Exhibition
Preston college sports hall,
PR2 8UR

- Bigger on the inside!!
- Huge range of New & Pre-owned products
- DCC Chip/Decoder fitting service
- Repairs & Servicing
- Working layouts in store/demo facilities
- Expert & friendly customer advice
- Large Free Customer car park
- Professional weathering & renumbering service available

- WANTED -
MODEL RAILWAYS
& DIECAST
Top prices paid, all areas covered

VISA PayPal Visit our Website MasterCard
www.goinglocomodels.com

38 Potovens Lane, Lofthouse Gate, Wakefield, WF3 3JF
Tel: 01924 824748 email: goinglocomodels@hotmail.com

MERRY-CHRISTMAS



We would like to wish all our customers a very Merry Christmas and a Happy New Year

for New Year modelling ideas visit cdcdesign.webplus.net

STREET LEVEL MODELS

Visit → Scalescenes.com
Download → Print → Build

The home of quality downloadable card model railway kits since 2005.

NEW Clyde Puffer
An authentic, affordable option for your dockside for ONLY £5.99

Card kits that pass closer inspection



Detailed hold interior ideal for loading scenes

Editable ship name

Buy once unlimited prints

View our large range of N and OO kits and texture sheets

scalescenes.com

**THE SOUTH'S MAJOR SHOWCASE OF
MODEL ENGINEERING & MODELLING**

**LONDON MODEL
ENGINEERING EXHIBITION**



A GREAT DAY OUT FOR ALL AGES

Great Hall
Alexandra Palace
London N22 7AY

**FRIDAY 20th -
SUNDAY 22nd
JANUARY 2017**

10am-5pm Fri & Sat, 10am-4.30pm Sun
Last entry Friday & Saturday 4.00pm Sunday 3.00pm.
The Model Active Zone will close at 3.30pm on Sunday.

MEET THE CLUBS AND SOCIETIES

- Over 50 national & regional clubs and societies attending
- See nearly 2,000 fantastic models on display
- Exciting demonstrations



LOTS TO SEE AND DO

- Model trains, boats & tanks
- Passenger carrying locomotives
- Radio control planes & trucks in fabulous Model Active Zone
- Meccano, Horology & more...

OVER 55 LEADING SPECIALIST SUPPLIERS PRESENT. EVERYTHING HOBBYISTS NEED UNDER ONE ROOF!

Sponsored by **ENGINEERING in Miniature**

Join us on **f**
London Model Engineering Exhibition

Follow us on **t**
[@MeridienneEx](https://twitter.com/MeridienneEx)

Car Parking for 1,500 Vehicles & FREE Showguide

BOOK YOUR TICKETS NOW	TICKET	ONLINE TICKETS*	FULL PRICE TICKETS**
ALL ADVANCE TICKET SALES CLOSE ON 12th JANUARY.	Adult	£10.50	£12.00
	Senior Citizen	£9.50	£11.00
	Child (5-14 yrs)	£3.00	£4.00

* Tickets are available via our website at discounted prices until 12th January 2017.
** Full price tickets are available on the day from the ticket office.

For groups of 10 or more, 10% discount applies. Quote GRP10 online.

www.londonmodelengineering.co.uk

Organised by Meridienne Exhibitions Ltd
All information subject to change, correct at time of printing.



You forgot the 'Caley 4-6-0s

READ THE EXCELLENT ARTICLE concerning the attractive LNER 'B12' 4-6-0s. Surely, however, the honour of being the first inside cylinder main line 4-6-0 goes to the J.F. McIntosh No. 49 which emerged from St. Rollox in March 1903. This was followed in April by its sister No. 50.

These were not hugely successful and so the 'Cardean' class of five locomotives numbered 903-907 arrived between May and July

1906. The first six locomotives were taken into LMS stock, but 907 participated in the Quintinshill disaster and was withdrawn. An excellent magazine which I would not miss.
John Roxburgh, Trowbridge.

You're absolutely right John – and how could we have forgotten about the Caledonian Railway 4-6-0s? The culprit has been identified and given extra research to do! – HM.



Tail loads ran into the 1990s

In his excellent letter 'There's a prototype for everything' (HM114) Mark Collier mentioned Diesel Multiple Unit (DMU) tail loads but gave the impression that these died out in the 1960s. Not so.

When I joined Network SouthEast's Reading Depot in 1986 tail loads were very much in evidence even then. One working in particular I recall was a bogie van shunted from the ex-Paddington newspaper train at Reading and attached to the first empty coaching stock DMU to Newbury.

On arrival, the DMU ran round and shunted the van into the Up bay there. It was left to be unloaded by newsagents

and other staff while we took the first passenger train of the morning back to Reading, the van being collected by another train later in the day.

I am unsure of when this traffic actually finished but it would have coincided with the replacement of first generation DMUs by Class 165/166s (at Reading) and other modern DMUs at other depots around the early 1990s. Without compatible couplings/braking systems, the workings could not continue but it is safe to replicate this method of working on layouts set well into the 1980s where first generation DMUs are employed.

Greg Heathcliffe, Swindon

RECONSIDER SMOKE EFFECTS

It is disappointing that *Hornby Magazine* has decided to ration images with smoke effects. These images brought the magazine to life and created a new standard for railway modelling which is unequalled - even by the Americans.

Some of the illustrations were so amazing that you could almost capture a whiff of the glorious aroma of coal smoke. Although I concede that the photographs are merely illusions, the standard of the realism was so breathtaking that I have been regularly collecting your magazine at the cost of local titles. Furthermore, I am contemplating building a layout with a British theme so I can replicate these images myself.

Whilst I respect the decision of the editorial team, may I suggest that they publish an annual issue that specifically features images with smoke effects for readers who appreciate this level of creativity?

Stephen Miller, Australia

John Roxburgh reminds us that the 'B12' 4-6-0s weren't the first inside cylinder 4-6-0s. B12/3 4-6-0 8510 climbs Belstead bank out of Ipswich with a Norwich to Liverpool Street expers in 1937.
George Grigs/Rail Archive Stephenson.



SOME POINTS ON HIGH SPEED TRAINS

The InterCity 125

HST 40 SPECIAL

If you think High Speed Trains are all alike, you might be surprised at the variety. **MARK CHEVERS**

presents a series of formations covering their 40-year careers.

Before the 1970s, the only high speed train in the world was the Trans Europ Express (TEE) which ran between London and Paris. It was a 4-6-0 steam locomotive pulling a rake of coaches. The TEE was the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world.

...and the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world.

Year	Locomotive	Formation	Notes
1972	Class 42	4+2	First HST formation
1973	Class 42	4+2	First HST formation
1974	Class 42	4+2	First HST formation
1975	Class 42	4+2	First HST formation
1976	Class 42	4+2	First HST formation
1977	Class 42	4+2	First HST formation
1978	Class 42	4+2	First HST formation
1979	Class 42	4+2	First HST formation
1980	Class 42	4+2	First HST formation
1981	Class 42	4+2	First HST formation
1982	Class 42	4+2	First HST formation
1983	Class 42	4+2	First HST formation
1984	Class 42	4+2	First HST formation
1985	Class 42	4+2	First HST formation
1986	Class 42	4+2	First HST formation
1987	Class 42	4+2	First HST formation
1988	Class 42	4+2	First HST formation
1989	Class 42	4+2	First HST formation
1990	Class 42	4+2	First HST formation
1991	Class 42	4+2	First HST formation
1992	Class 42	4+2	First HST formation
1993	Class 42	4+2	First HST formation
1994	Class 42	4+2	First HST formation
1995	Class 42	4+2	First HST formation
1996	Class 42	4+2	First HST formation
1997	Class 42	4+2	First HST formation
1998	Class 42	4+2	First HST formation
1999	Class 42	4+2	First HST formation
2000	Class 42	4+2	First HST formation
2001	Class 42	4+2	First HST formation
2002	Class 42	4+2	First HST formation
2003	Class 42	4+2	First HST formation
2004	Class 42	4+2	First HST formation
2005	Class 42	4+2	First HST formation
2006	Class 42	4+2	First HST formation
2007	Class 42	4+2	First HST formation
2008	Class 42	4+2	First HST formation
2009	Class 42	4+2	First HST formation
2010	Class 42	4+2	First HST formation
2011	Class 42	4+2	First HST formation
2012	Class 42	4+2	First HST formation
2013	Class 42	4+2	First HST formation
2014	Class 42	4+2	First HST formation
2015	Class 42	4+2	First HST formation
2016	Class 42	4+2	First HST formation
2017	Class 42	4+2	First HST formation
2018	Class 42	4+2	First HST formation
2019	Class 42	4+2	First HST formation
2020	Class 42	4+2	First HST formation

...and the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world. It was built by the British Railways Board and was the first high speed train to be built in the world.

Year	Locomotive	Formation	Notes
1972	Class 42	4+2	First HST formation
1973	Class 42	4+2	First HST formation
1974	Class 42	4+2	First HST formation
1975	Class 42	4+2	First HST formation
1976	Class 42	4+2	First HST formation
1977	Class 42	4+2	First HST formation
1978	Class 42	4+2	First HST formation
1979	Class 42	4+2	First HST formation
1980	Class 42	4+2	First HST formation
1981	Class 42	4+2	First HST formation
1982	Class 42	4+2	First HST formation
1983	Class 42	4+2	First HST formation
1984	Class 42	4+2	First HST formation
1985	Class 42	4+2	First HST formation
1986	Class 42	4+2	First HST formation
1987	Class 42	4+2	First HST formation
1988	Class 42	4+2	First HST formation
1989	Class 42	4+2	First HST formation
1990	Class 42	4+2	First HST formation
1991	Class 42	4+2	First HST formation
1992	Class 42	4+2	First HST formation
1993	Class 42	4+2	First HST formation
1994	Class 42	4+2	First HST formation
1995	Class 42	4+2	First HST formation
1996	Class 42	4+2	First HST formation
1997	Class 42	4+2	First HST formation
1998	Class 42	4+2	First HST formation
1999	Class 42	4+2	First HST formation
2000	Class 42	4+2	First HST formation
2001	Class 42	4+2	First HST formation
2002	Class 42	4+2	First HST formation
2003	Class 42	4+2	First HST formation
2004	Class 42	4+2	First HST formation
2005	Class 42	4+2	First HST formation
2006	Class 42	4+2	First HST formation
2007	Class 42	4+2	First HST formation
2008	Class 42	4+2	First HST formation
2009	Class 42	4+2	First HST formation
2010	Class 42	4+2	First HST formation
2011	Class 42	4+2	First HST formation
2012	Class 42	4+2	First HST formation
2013	Class 42	4+2	First HST formation
2014	Class 42	4+2	First HST formation
2015	Class 42	4+2	First HST formation
2016	Class 42	4+2	First HST formation
2017	Class 42	4+2	First HST formation
2018	Class 42	4+2	First HST formation
2019	Class 42	4+2	First HST formation
2020	Class 42	4+2	First HST formation



I am a young reader and a fan of the magazine. I am writing in about a few things regarding issues 113 and 114. Issue 113 was very interesting to me as it was celebrating the 40th anniversary of the HST. In the magazine you showed us all the formations of different HSTs, however there are a few that you have missed. The prototype HST was the first HST ever to run and it did so in 1972 and saw a period of just 22 months in service. Also, HSTs do sometimes run in longer rakes; the standard 7+2 or 8+2 was sometimes extended. Some First Great Western HSTs are reformed in the summer as 9+2 sets, specifically for extra luggage - the 9th coach is formed from splitting another HST set with the extra coach locked out and was for luggage only. Lastly, I would like to add that I agree with

everyone who has written in about prices. Not that long ago you could get a Mk 1 coach for £15 brand new and now we're having to pay a massive £25-£60 per coach! It's ridiculous! Modelling should be something everyone can enjoy - even people who don't have a lot of money. And what about parents whose children want these things for Christmas and now they just can't afford them!
Aron, by e-mail

Hi Aron, thank you for your feedback on the Train Formations feature. With these features we aim to be representative rather than comprehensive (there are only so many trains that we can fit into one feature) and in the case of the prototype HST this was outside the scope of what we were aiming to cover on this occasion - HM.

GET REAL ABOUT PRICES

Over the past few months just about every railway modelling magazine I have purchased has had at least one correspondent commenting about the rising price of models. As an occupational pensioner, I am slowly building the model railway I have wanted since I was a boy, purchasing items when I have the resources. I well-recall browsing catalogues and looking through the windows of model shops half a century ago at models I could not afford. There was no point moaning about it: I indulged in hobbies I could afford, which usually included a bat and/or ball. Now that I no longer have a mortgage and all the other expenses of working life, I can indulge in railway modelling to the extent my finances permit. Model manufacturers are commercial enterprises and have to make money or cease to exist, so please stop griping: it is not going to change economic realities.
Ken Illsley, Suffolk

'DUMMY' MODELS COULD NEGATE PRICE RISES

I have often read lately the gripes about rising costs of our hobby, some really justified in my opinion and some not so. What I can't get my head around is why manufacturers don't offer a good selection of dummies, especially in diesel era engines. I think and believe that manufacturers are missing out on sales which in the long run would also boost their production runs. Surely to be able to buy a dummy locomotive at a lower cost to boost and populate a layout can only be a good thing for manufacturers and hobbyists? After all, basically they are doing this with coaching stock in various guises!
Geoff Highfield, Somerset.

QUALITY HAS A PRICE

Quality always has a price and the standard of ready-to-run models has been raised to

a level we only dreamt of ten years ago. I always wanted an 'H' 0-4-4T and a set of birdcage stock, kit building being a skill I don't possess. Now though, for little more than the price of the kits, my wishes will soon come true through Hornby's plans for the 'H' (HM114) and Bachmann's 'Birdcage' stock (HM112). I understand this is still out of reach for some people but let's make the most of what we've got.
Dave Jessop, Crowborough

PRICES ARE COMPARABLE

In HM114 a number of readers commented about the price of model railway products. I think they will find they are about the same price compared with wages in the 1960s and far better models. Do they expect the likes of Hornby to sell at a loss? If they want new products, they must expect companies to raise prices to cover the costs.
Brian Dugan, Hazlemere, Buckinghamshire

Shop online: www.metcalfe-models.com



ORDER BY PHONE: 01729 830072

ORDER BY MAIL: Metcalfe Models, Bell Busk, Skipton, N.Yorks, BD23 4DU

POSTAGE: Orders up to £19.99: £2.50

Orders £20 and over: £4.50

Visiting Skipton? Visit
Craven Model Centre,
Mount Pleasant, BD23 1JZ.

NEW FROM METCALFE:
N Country Station: PN137 -
£11.99

The newly re-designed N Country Station is a re-release of the popular N Scale Red Brick Station. The design is based on standard designs by Cheshire Lines Railway. It is a sturdy building with laser cut components for intricate detail. It also includes an opposite platform shelter. Designed to stand with the Red Brick Platform (PN110).

Country Station also available in 00:
PO237 - £13.75



PN155

Workers Cottages also available
in 00: PO255 - £11.50

NEW FROM METCALFE:
N Workers Cottages: PN155 - £9.99

NEW: N Workers Cottages. Two complete sets of cottages and outbuildings make up this attractive kit. Based on the Settle Carlisle Railway Workers Cottages, this design lends itself to many uses be it railway, agricultural or industrial.

00 Stone Corner Shop
PO264 - £10.75

The Corner Shop comes with a variety of signs and interiors

PO264

00 Red Brick Terraced Houses
PO261 - £9.99



PO261

Terraced Range

- PO261 00/HO Red Brick Terraced Houses - £9.99
- PO262 00/HO Stone Terraced Houses - £9.99
- PO263 00/HO Red Brick Corner Shop - £10.75
- PO264 00/HO Stone Corner Shop - £10.75
- PN103 N Red Brick Ter. Houses - £8.25
- PN104 N Stone Ter. Houses - £8.25
- PN116 N Red Brick Corner Shop & Pub - £8.25
- PN117 N Stone Corner Shop & Pub - £8.25



PO262

The Corner Shop and Terraced Houses are modular, so that you can build them to stand alongside each other and create long street scenes. Both come in Red Brick or Stone and in either 00 or N scale.

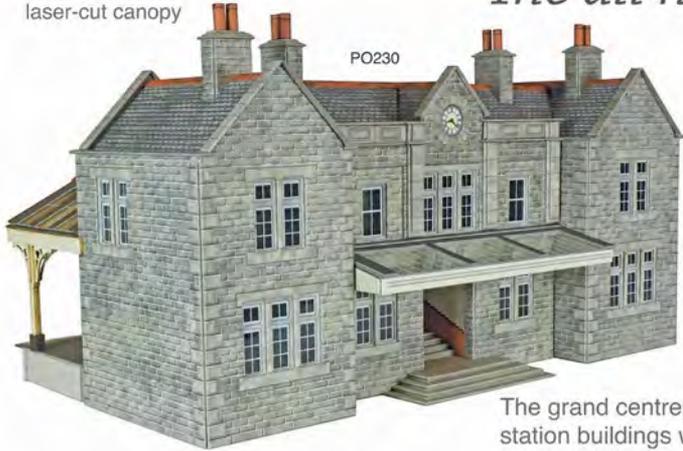
METCALFE

Card Construction Kits



Includes improved stonework detail and laser-cut canopy

The all new 00 Mainline Station Range...



PO230

NEW RELEASE
00 Booking Hall
PO320 - £22.99

Designed to stand alongside Wall-Backed Canopy and Platform Canopy kits

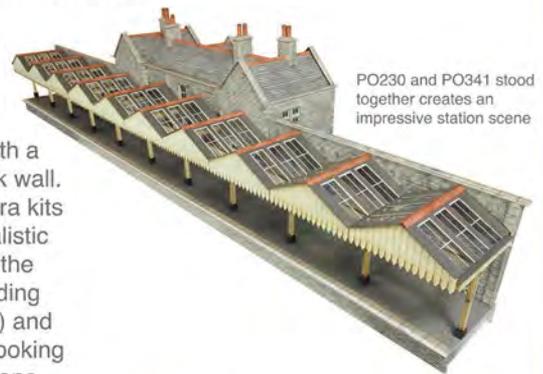


PO320 platform side

The grand centrepiece and first in a new range of redesigned station buildings with more to follow. New features include finely detailed laser-cut platform canopy and fine die-cut recessed windows.

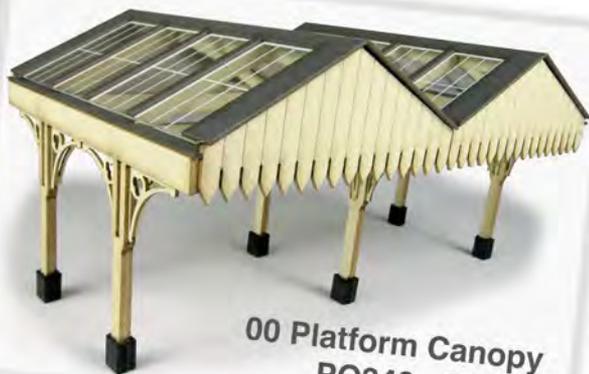
PLEASE NOTE: Our 'All New Mainline Station' range does NOT match with our older versions PO230, 231 & 234. More add-on kits to go with the new range due out soon.

NEW RELEASE
00 Wall-Backed Canopy
PO341 - £15.99



PO230 and PO341 stood together creates an impressive station scene

A modular kit that comes with a section of platform and back wall. It is very easy to add on extra kits to make impressive and realistic structures. It is designed to the same style as our free-standing Platform Canopy Kit (below) and fits alongside the new 00 Booking Hall (right). All match the Stone Platform Kit (below)



00 Platform Canopy
PO340 - £14.99

Laser-Cut Mini Kits that finish off your Mainline Station Scene...

PO517



PO502



PO501



00 Stone Platform
PO235 - £11.99

A truly versatile platform system that can be made in any shape. Straight, curved, islands or bays. One kit contains enough to build 7ft in length max.

00 Mainline Station Buildings
00/HO Scale

- PO320 00/HO Booking Hall - £22.99
- PO341 00/HO Wall-Backed Canopy - £15.99
- PO340 00/HO Platform Canopy - £14.99
- PO235 00/HO Stone Platform - £11.99
- PO517 00/HO Kiosk - £5.75
- PO501 00/HO GWR Benches - £5.75
- PO502 00/HO Platform Benches - £5.75



Kilbowie

The grimy suburbs of Glasgow are the setting for **JOHN THOMPSON'S** 'OO' gauge layout, set in the transition era of September 1962.

PHOTOGRAPHY, NIGEL BURKIN

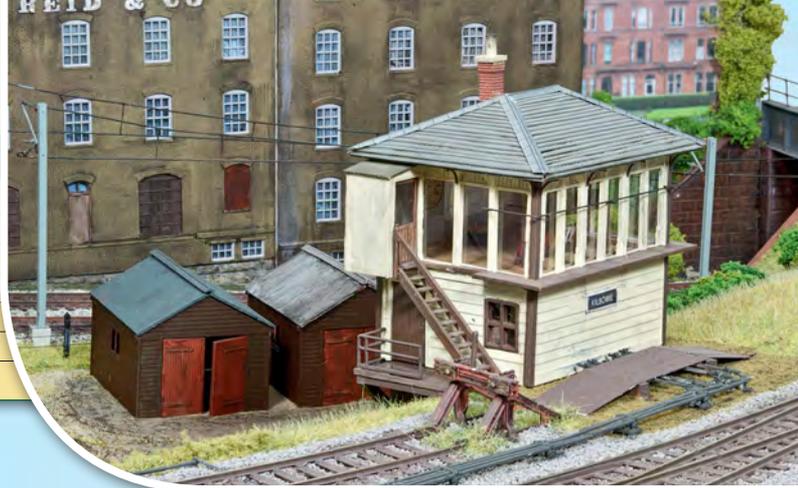


1 Below: Cooling towers and cranes dominate the skyline as a BR '4MT' 2-6-0 waits for a clear route away from Kilbowie.

2 Right: Kilbowie signalbox is a modified Airfix kit.

STATISTICS

Owner:	John Thompson
Scale:	'OO'
Length:	13ft
Width:	7ft
Track:	Peco code 75
Control:	DCC, Lenz Set 100
Period:	BR Scottish Region, 1962



MOST modellers have far too much rolling stock. Our model railways don't have enough space to show all our rolling stock which is left stored in boxes. Sometimes it is perhaps better to be a member of a club which has layouts with large storage yards, but then again we all want a layout of our own too. Most of us, however, are trying to squeeze in as much as possible into that room at home. This was my situation as I tried to get the most out of a room measuring 13ft x 8ft. The Digital Command Control (DCC) revolution had brought me back to British modelling after 15 years of 'HO'/'HOM' Swiss layouts. I had long enjoyed the quality of continental »



Stanier '4MT' 2-6-4T 42616 approaches Kilbowie with a stopping train for Glasgow.



was a relatively late arrival on the north bank of the River Clyde. It wanted freight from the heavy industries along the riverside and built its line close to the river. This necessitated numerous bridges and embankments to clear the already established streets of tenement houses. At Clydebank, John Brown's well established shipyard forced the line to loop through the town before heading back towards the river. Kilbowie was built on this loop hemmed in by the Forth and Clyde Canal immediately to its north. Indeed, there were no less than three separate railways through Clydebank and five stations within a square mile — Kilbowie, Singer, Clydebank Central, Clydebank Riverside and Clydebank East. The reason for so many stations was John Brown's shipyard and the Singer Sewing Machine factory which between them employed more than 15,000 people, many of whom required worker's trains to and from work.

The layout was to measure 13ft x 7ft. It was built on four corner boards with 5ft connecting boards. I decided only one

models, but I missed running the prototypes I remembered from my youth.

I grew up in Coatbridge in Lanarkshire living alongside the West Coast Main Line. As you can imagine, this was a very busy line in the 1960s with every conceivable passenger and heavy freight train combination passing through. Coal and iron ore ran locally to Ravenscraig blast furnaces, with fitted freights and fish trains headed to and from Aberdeen and Inverness. But it was the sparse suburban service which terminated here which really intrigued me. I only ever saw these trains in the evening - dirty Stanier and Fairburn tanks leaving their stock before heading off light engine to Motherwell shed. In the morning as I headed to school they were all gone. Where to? Why was the service so sparse?

By 1964 they were gone for good, superseded by the shiny Class 303 'blue trains' on the North Glasgow electric service. Now many years later I wanted to model these services but Coatbridge Central station was too large for my available space, so I had to find another location.

CALEDONIAN INSPIRATION

For many years now I have been a member of the Caledonian Railway Association which produces an excellent quarterly magazine with in-depth articles on everything to do with 'Caley' lines in Scotland. In 2009, John Paton wrote a series on the Central Low level system or the Lanarkshire and Dumbartonshire Railway as it started out. There it was — Kilbowie. It curved at both ends, served Clydebank's heavy industries and had other scenic opportunities including an electrified line as a backdrop and canal - a rare thing in Scotland.

The Lanarkshire and Dumbarton railway





4 Left: A suburban train prepares to depart in the hands of a Stanier 2-6-4T.

5 Below: A Stanier 'Jubilee' 4-6-0 leads an excursion through Kilbowie and passes an Ivatt '4MT' 2-6-0 at the head of a suburban working.

half would be scenic, with a seven road storage yard and four end sidings to keep as much stock on the layout as possible. Like the real Kilbowie, there would be multiple sidings with interchange facilities for John Brown's yard.

After the plans were drawn up, they were tested full scale on lining wallpaper to check for snags before construction. I found space in the storage yard for a Peco turntable which saves lifting locomotives and adds operating interest. A gradient of 1-in-40 up to an embankment had to be inserted with an equivalent drop on the off-scene yard side to match the prototype. I decided on a base height of 1m with open framing on 92mm x 21mm pine timbers. These were topped by 9mm plywood cut to my track plan requirements. There were four different levels present - canal level, towpath level, coal yard and station platform. I started with the canal, which was in part relief along the whole frontage of the layout becoming full width at both ends. I used Woodlands Scenics >>





 **Left: A 'Caley Pug' 0-4-0ST simmers in the headshunt alongside the canal.**

 **Right: The station buildings are scratchbuilt. A Class 20 has charge of a through working of empty ballast hoppers.**

 **Below: A BR '4MT' 2-6-0 simmers above the sunken road in the goods loop with a van train.**





realistic water for the canal but first a layer of silicone was placed behind embankments and quays to stop leakage. Where there was a part relief section, gaffer tape was wrapped over the edge of the board but it still leaked through despite all my efforts.

One of the main scenic features is the double bridge over Kilbowie Road which was on a tram route until 1962. Kilbowie, being an island platform station, had its main entrance between the bridges with an extra side entrance to cope with arriving workers for Singer. The tram tracks were covered with Slaters 4mm:1ft scale slate plasticard to represent cobbles and 7mm:1ft scale slate as pavement slabs.

A part relief swing bridge over the canal was built with overhead gantries carrying the tram catenary as I had seen in archive pictures. Once off the swing bridge, the road dives under the railway with very little clearance. All boards and surfaces were given a base coat of Farrow and Ball Tanners Brown to represent dark earth which would show through the static grass in places. This was in keeping with the polluted nature of the area where growth tended to be a little sparse.

TRACK AND CONTROL

I use Peco code 75 track and live frog points on my layout. Curves were a minimum of 2ft radius up to 3ft radius, laid with a tracksetta gauge. Point motors are a mixture of Seep and Peco. I only drill the board enough to accommodate the actuator from the motor, with the motors stuck with double-sided tape which seems sufficient to hold them in place and makes them easy to reposition. The track was laid on 3mm thick cork tiles which gives a nice 'shoulder' to the ballast.

Once the track and electrics were in place I had a six-week period of intense testing before ballasting took place. This allowed time for track alterations, gap filling and minor alterations. Point rodding and Neodymium 3mm x 2mm magnets

were placed for hands-free shunting with Kadee couplings before Woodlands Scenics medium grey ballast was applied in the usual manner. Track, sleepers and ballast were then painted with Humbrol Chocolate Matt enamel with rust colour added in places. Any remaining brightness is dulled with a black acrylic wash.

I use the Lenz set 100 for train control with two handheld LH 100s. I also use a Roco Multimaus for shunting as its rotary dial is quick and simple to use. A Capacitor Discharge Unit controls the points. There are three control panels using the stud and probe method. This avoids complicated cross board electrical joins and means inter-board connections are simple phono plugs. The Peco turntable is motorised with an Expo Tools motor and has a chip which means it can be controlled by the handheld units.

SCENERY

Most of the buildings are scratchbuilt or modified kits. In saying that, there are not too many structures because of the number and spread of the tracks. The rows of houses are a backscene by International Models which are supplemented by local photographs of red sandstone tenements. Clydebank Town Hall was also photographed as a well known local landmark and I was also lucky enough to get pictures of BAE Systems' cranes at its Govan Yard before they were dismantled for scrap which add to the industrial ambience of the scene.

The signalbox is an Airfix kit, suitably remodelled with long windows to a typical Caledonian Railway style, and is done in the style of the old box which was on the other side of the 'blue train' line built on stilts. The station and separate stair canopy were copied from photographs and are scratchbuilt. The station has etched brass windows from an old Langley kit. To get approximate dimensions I travelled



to Dumbarton Central station, which is the only remaining structure of the same build. Luckily it is a listed building so it should remain for all to enjoy. The Singer building, which was built from a Walther's Victorian factory kit suitably altered, had a landmark clock tower and this was the largest clock face in Europe for most of its life. The half relief tenements are also from the Walther's range and started life as New York apartments before being re-roofed and repainted. Had I had more time I would have built proper scratchbuilt tenements - a project for the future.

The goods shed is a cut down version of Clydebank's original one, which was a massive structure. It was completed with Slaters shiplap plasticard on a balsa frame and was custom built to fit the space. The 'blue train' line adds an interesting backdrop because west of the station it ducks under the line before climbing sharply to go over it in the east on a Skytrex resin cast viaduct. Clydebank Central station on this line would have been in the operator's well. The arches of the viaduct provide routes for the line into John Brown's and the descending Central Low Level line towards Glasgow.

In the corner at this end of the layout there is a small coaching and Diesel Multiple Unit stabling facility with a scrapyard and some plots filling the waste ground. As was



Cravens Class 105 DMUs line up in the carriage sidings alongside the lock.

typical of many parts of Glasgow, there is a pigeon loft inside the yard which was made from scrap corrugated iron sheeting.

Static grass has been applied to the embankments but kept short in keeping with the polluted air and lack of sunlight. My favourite grass is the Jarvis autumn mix with MiniNatur summer and late autumn to add colour mix and longer strands. All signals are built with MSE

components and are operational under the control of Peco Smartswitches.

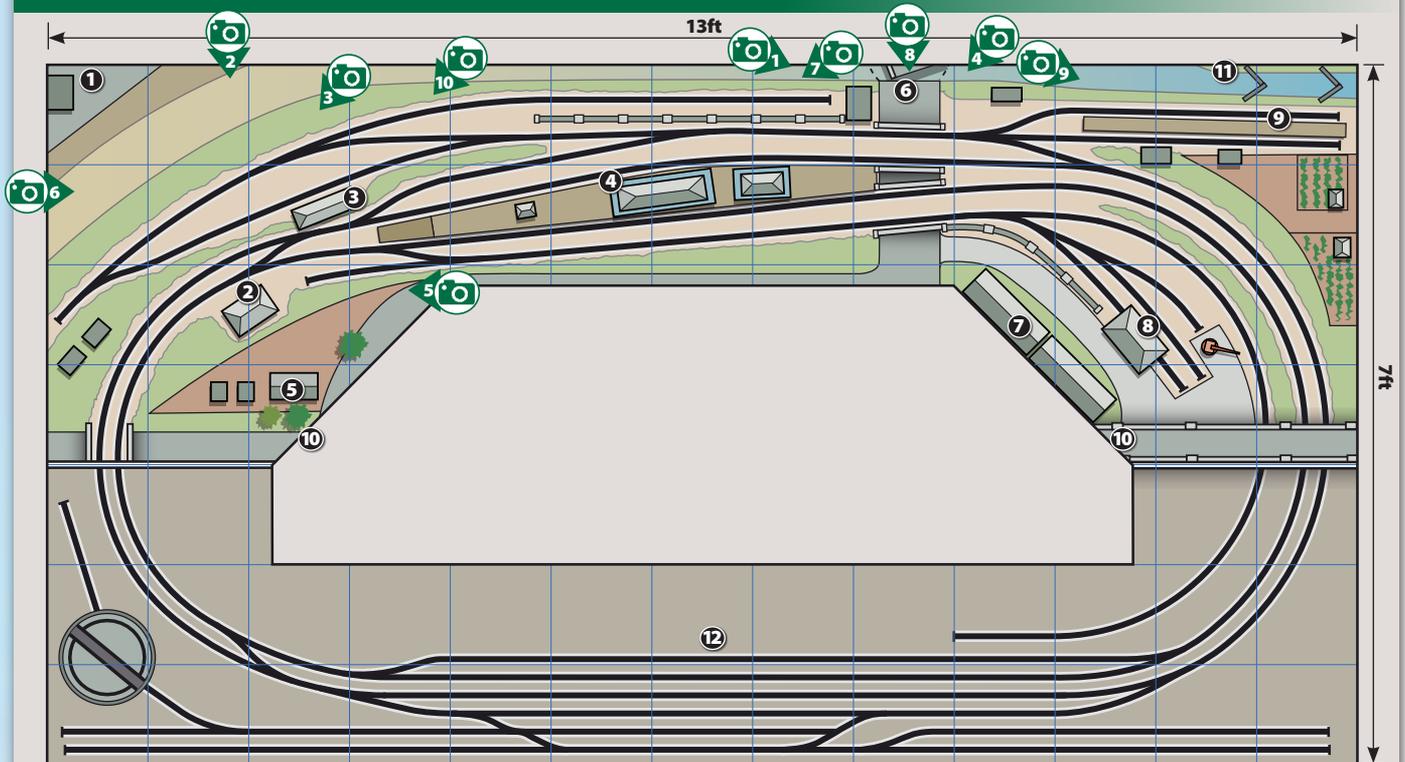
ROLLING STOCK

I wanted to model the beginning of September 1962. Why that level of precision? There are two reasons. Firstly, I wanted to run a tram in Glasgow Corporation colours going through the bridge and they ceased around this

The sound of a 'Claytons' twin engines fills the air as it waits to move out of the sidings with permanent way wagons.



KILBOWIE TRACK DIAGRAM (NOT TO SCALE)



KEY

- | | | | |
|--------------------|----------------|-------------------|--------------------|
| ① Singer factory | ④ Station | ⑦ Tenements | ⑩ Electrified line |
| ② Signalbox | ⑤ Lock ups | ⑧ Goods shed | ⑪ Kilbowie locks |
| ③ Enginemens bothy | ⑥ Swing-bridge | ⑨ Carriage siding | ⑫ Storage yard |



time. Secondly, I wanted as big a variety of green diesels as possible. The Class 17s or 'Claytons' were introduced in September 1962 and were ubiquitous although short lived around Glasgow and they were tested on both passenger and freight trains on this line.

Most passenger trains ran from Rutherglen in the East of Glasgow to either Dalmuir Riverside or Balloch. I run a Bachmann Fairburn '4MT' 2-6-4T and Ivatt and BR 'Standard' '4MT' 2-6-0s with a Hornby Stanier '4MT' 2-6-4T on these duties. All are heavily weathered in keeping with the long tunnels they travelled through in central Glasgow. Indeed, there are some interesting tales of locomotives drawing up short of the platforms because of the mire and passengers falling onto the permanent way as a result!

Although there were no corridor stock services at Kilbowie there was excursion traffic which is rostered to a Bachmann 'Jubilee' 4-6-0 or Hornby 'Clan' 4-6-2 or 'Black Five' 4-6-0. Because this line was worker orientated there was an intense service morning and evening so many locomotives had long periods of inactivity. As a result, locomotives lay over at a little bothy with a watering column close to the canal.

Running freight services is what I enjoy most of all. The yard at Kilbowie acts as an interchange for access to the shipyard. It has a resident Hornby Class 08 shunter busily marshalling stock for the shipyard.

This is collected by a short wheelbase Hornby Caledonian Railway 'Pug' 0-4-0ST with wagon 'tender' attached. Those of you who read about Inverboynddie in HM98 will recognise the 'Pug' on loan to the distillery.

The coal yard at Kilbowie is on the opposite side of the tracks from the main yard, resulting in a lot of trip working across the main line when it is clear. Through freights carry a variety of common goods to and from the many sites along this side of the Clyde - coal, oil, grain, cattle and iron ore being the main cargoes. There is even an occasional pigeon special. Diesels are mostly in charge of these services with classes 17, 20 and 27 but an 'Austerity' 2-8-0 steam locomotive can still be seen and heard on these workings too. Most of my locomotives have sound and I intend to do them all in the future.

The layout had its first and only outing so far to Model Rail Scotland 2015 where it was very well received with many people recognising the location and the ambience of 1960s Glasgow suburbia. In fact, the permanent legs had to be hastily converted to allow the layout to be transportable to the show. It was shown again at the Ayr MRG Show in September 2016 and the layout continues to evolve. Most recently I have changed the turntable area into a locomotive servicing zone and plan a terminus station at the opposite end with the storage yard becoming a marshalling yard to make the most of the available space. [Höma](#)

GIVE A

Gift

A
SUBSCRIPTION
TO ONE OF OUR
LEADING
MAGAZINES

OVER
20
TITLES
TO CHOOSE
FROM

THAT LASTS ALL YEAR ROUND



HORNBY magazine

Hornby Magazine takes a unique approach to model railways with both the relatively inexperienced and the seasoned modeller in mind. Unique step-by-step guides offer modellers hints and tips on how to get the most from the hobby. *Hornby Magazine* is dedicated to promoting this most rewarding of hobbies, introducing it to newcomers and those returning to the hobby. It is written by enthusiasts for enthusiasts - the editorial and publishing team are all active modellers who care passionately about the hobby.

Now with bigger discounts on **24 ISSUE SUBSCRIPTIONS**

SAVE OVER
£31!

THE OFFICIAL AIRFIX MODELLING MAGAZINE



Published monthly, *Airfix Model World* magazine is your complete guide to the world of scale modelling, making it essential reading for modellers with all levels of experience. Focusing on model aircraft, *Airfix Model World* also features cars, ships, sci-fi and space, armour and figures. Also with the latest news, reviews and handy step-by-step tips, plus the chance to 'Ask the Experts' to improve your modelling skills.

SAVE OVER
£8

www.airfixmodelworld.com

THE WORLD'S BIGGEST SELLING BUSES MAGAZINE



Covering the bus and coach industry, *Buses* is renowned for providing comprehensive news, hard-hitting opinions and accurate information alongside entertaining and thought-provoking features. Illustrated with high-quality photography throughout and featuring the unique Fleet News section, *Buses* is the only choice for industry professionals and enthusiasts alike.

SAVE OVER
£9

www.busesmag.com

NEWS, VIEWS AND ANALYSIS ON TODAY'S RAILWAY

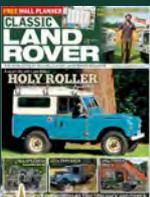


Established for 50 years, *Modern Railways* has earned its reputation in the industry as a highly respected railway journal. Providing in-depth coverage of all aspects of the industry, from traction and rolling stock to signalling and infrastructure management, *Modern Railways* carries the latest news alongside detailed analysis.

SAVE OVER
£8

www.modern-railways.com

BUYING, DRIVING, MODIFYING AND RESTORING AUTHENTIC CLASSIC LAND ROVERS

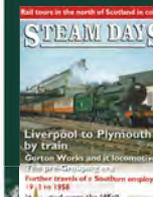


Classic Land Rover is the exciting monthly magazine dedicated to Series and the classic Land Rovers. Written by enthusiasts, it is the complete guide to buying, owning, running, driving, repairing, modifying and restoring pre-nineties Land Rovers and Range Rover classics. In fact, it is everything authentic series owners have been waiting for from their first completely devoted magazine.

SAVE OVER
£8

www.classiclandrover.com

STEAM NOSTALGIA AND RAILWAY HISTORY AT ITS BEST



Wherever you live in the British Isles, *Steam Days* offers nationwide coverage of 'The Days of Steam'. You can be assured of interesting and informative reading in each issue, enhanced with top-quality pictures in colour and black & white and printed to a very high standard.

SAVE OVER
£8

www.steamdaysmag.co.uk

UK'S BEST-SELLING PUBLICATION DEDICATED TO HISTORIC MILITARY VEHICLES



Classic Military Vehicle magazine is the best selling publication in the UK, dedicated to the coverage of all historic military vehicles. From the turn of the 20th century, right up to the Gulf War of the 1990s, all kinds of military hardware that featured in conflicts around the world is profiled extensively. This is the best publication to provide a guide to all classic military vehicles and militaria.

SAVE OVER
£5

www.cmvmag.co.uk

3 EASY WAYS TO ORDER THIS FANTASTIC GIFT!



ONLINE

www.keypublishing.com/xmas16



PHONE

UK: 01780 480404
Overseas: +44 1780 480404



POST

Christmas Subscriptions,
Key Publishing Ltd, PO Box 300,
Stamford, Lincs, PE9 1NA, UK

For our full range of titles visit: www.keypublishing.com/xmas16

CHRISTMAS WITH KEY PUBLISHING

PAYERS DETAILS

Title First name Surname
 Address
 Postcode Country
 Email address
 Please complete to receive news updates and offers from us by email.

DELIVERY DETAILS (IF DIFFERENT)

Title First name Surname
 Address
 Postcode Country
 Email address
 Please send Gift Card

SPECIAL OFFER (PLEASE TICK)

Title	<input type="checkbox"/>	Frequency	Number of Issues	SUBSCRIPTION PRICE			
				UK	Europe	USA	R.O.W
Hornby Magazine	<input type="checkbox"/>	Monthly	24	£74.49	£84.99	\$127.99	£89.49
Hornby Magazine	<input type="checkbox"/>	Monthly	12	£42.00	£50.00	\$69.99	£52.00
Airfix Model World	<input type="checkbox"/>	Monthly	12	£44.00	£52.00	\$69.00	£54.00
Britain at War	<input type="checkbox"/>	Monthly	12	£46.00	£54.00	\$72.49	£56.00
BUSES Magazine	<input type="checkbox"/>	Monthly	12	£45.00	£54.00	\$79.99	£54.50
Classic Land Rover	<input type="checkbox"/>	Monthly	12	£43.00	£51.00	\$67.50	£53.00
Classic Military Vehicle	<input type="checkbox"/>	Monthly	12	£47.30	£55.00	\$79.99	£59.99
FlyPast	<input type="checkbox"/>	Monthly	12	£45.00	£53.00	\$69.99	£55.00
Modern Locomotives Illustrated	<input type="checkbox"/>	Bi-monthly	6	£22.50	£27.50	\$42.00	£29.99
Modern Railways	<input type="checkbox"/>	Monthly	12	£44.00	£53.00	\$79.99	£54.50
Railways Illustrated	<input type="checkbox"/>	Monthly	12	£44.00	£53.00	\$79.99	£54.50
Steam Days	<input type="checkbox"/>	Monthly	12	£44.00	£51.00	\$79.99	£54.50

Further discounts available on two year subscriptions visit www.keypublishing.com/xmas16 for details.

Hornby Magazine subscriptions are also available by easy Direct Debit**

Just £9.50 quarterly or £37.50 annually plus a FREE GIFT!

Free gift is only available on Direct Debit when taking out a minimum 2 year subscription.

Visit www.keypublishing.com/xmas16 for details

PAYMENT DETAILS

I enclose a cheque for £ / \$ made payable to Key Publishing Ltd

Please debit my Mastercard Visa

□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Expiry date Security Code (last 3 digits on reverse of card)

□	□	□	□	□	□	□	□
---	---	---	---	---	---	---	---

Signature Today's date

OFFER CLOSE DATE: 28 FEBRUARY 2017 PLEASE QUOTE: XMAS16

**Direct Debit UK only. Payments are accepted by Direct Debit, Cheque, Postal Order, Credit Card and US Dollar Check. Payments by credit or debit card will be shown on your statement as Key Publishing Ltd. Key Publishing will hold your details to process and fulfil your subscription order. Occasionally we may wish to contact you to notify you of special offers on products or events. If you do not wish to receive this information please tick here or mention when calling. *Saving based on a 2-year subscription compared with our UK newsstand price. Should you cancel your subscription earlier than an invoice will be raised for the full price of the gift. See website for full terms & conditions. 11/86/16

YOUR Gift Subscription

FREE GIFT CARD WITH EVERY SUBSCRIPTION

THE UK'S NUMBER ONE MODERN TRACTION PARTWORK



Modern Locomotives Illustrated is a bi-monthly modern traction magazine, dedicated to recording the development, operation and disposal of the UK diesel and electric fleets. First published in June 2008, MLI will over a 10 year period cover all modern traction classes of locomotive and multiple unit trains.

SAVE OVER £4

www.modernlocomotives.co.uk

THE BEST COVERAGE OF TODAY'S RAILWAY SCENE



Each issue of **Railways Illustrated** offers a comprehensive round-up of the latest news and topical events from the UK across the present day railway, including heritage traction in operation on the main lines. Supported by high quality photography and editorial from experienced railway enthusiasts, **Railways Illustrated** reflects the energy and vitality of the present day railway scene.

SAVE OVER £8

www.railwaysillustrated.com

THE UK'S BEST SELLING MILITARY HISTORY TITLE



Britain at War is dedicated to exploring every aspect of Britain's involvement in conflicts from the turn of the 20th century through to modern day. From World War I to the Falklands, World War II to Iraq, readers are able to re-live decisive moments in Britain's history through fascinating insight combined with rare and previously unseen photography.

SAVE OVER £9

www.britainatwar.com

BRITAIN'S TOP-SELLING AVIATION MONTHLY



FlyPast is internationally regarded as the magazine for aviation history and heritage. Having pioneered coverage of this fascinating world of 'living history' since 1980, **FlyPast** still leads the field today. Subjects regularly profiled include British and American aircraft type histories, as well as those of squadrons and units from World War One to the Cold War.

SAVE OVER £9

www.flypast.com

READERS IN THE USA MAY PLACE ORDERS BY:
TELEPHONE TOLL-FREE: 800-428-3003
OR FAX: 757-428-6253

WRITE TO:
 Christmas Subscriptions, 3330 Pacific Ave,
 Ste 500, Virginia Beach, VA 23451-9828

ALTERNATIVELY, ORDER ONLINE:
www.imsnews.com/xmas16

QUOTING/ENTERING CODE: XMAS16

HORNBY'S PECKETT 'W4' 0-4-0ST

With strong pre-orders even before its release, expectations are high for Hornby's diminutive saddle tank. **MIKE WILD** takes a closer look to see whether this tiny steam locomotive can satisfy its demanding audience.



EXCLUSIVE
FIRST
REVIEW

The new Hornby Peckett 'W4' 0-4-0ST is a beautifully detailed model.



Finished in Manchester Ship Canal lined green, No. 11 looks superb.

SMALL BUT PERFECTLY FORMED is probably the best term to describe the latest arrival from Hornby – the diminutive Peckett 'W4' 0-4-0ST for 'OO' gauge.

This impressive little model was announced in Hornby's plans for the 2016 range via its Engine Shed blog in October 2015 and even before its arrival has been something of a runaway success.

As early as August Hornby was selling out of its stocks online while its retailer network had seen similarly high levels of pre-orders for the little 0-4-0ST ahead of its December release date.

The real Peckett 'W' series locomotives were introduced in 1884 with a range extending from the 'W2' of 1884 through to the 'W7' which was introduced in 1937. The oldest recorded 'W4' was built in 1895 with a total of 140 locomotives constructed over 11 years. The last 'W4' specification locomotive was delivered by Peckett in 1906 for the Skinningrove Iron Co. in Carlin How.

Such was their quality of construction and simplicity of operation that many of the 'W4s' had long careers working in industry including on such famous lines as the Manchester

Ship Canal as well as Ebbw Vale steelworks and the Huntley and Palmers biscuit factory in Reading.

Reality Check on pages 72-75 charts the story of the 'W4s'.

THE MODEL

The development of the Hornby Peckett has been well documented both through *Hornby Magazine's* news pages as well as online through Hornby's own channels. Three locomotives make up the first batch: 563 *Dodo* in Peckett lined green, 11 in Manchester Ship Canal (MSC) lined green and Huntley and Palmer lined blue liveried locomotive 'D'.

For review we had the opportunity to inspect and test *Dodo* and MSC 11. A high degree of die-casting has been used in production of the Peckett and, even though it is only 85mm long, it still feels solid with a total weight of 130g. Much of that comes from the boiler, which is die-cast, while the chassis is also produced from the same material. Injection moulded plastic has been used to create the more delicate areas of the model including the cab, cab interior and pipework too.

One of the first things which struck us about the two

samples was the number of detail differences between the locomotives. *Dodo* has straight pipes below the saddle tank together with an extra valve on the rear of the chimney and safety valves to the rear of the dome while MSC 11 has curved pipes, a plain chimney and safety valves built into the dome. This attention to detail and variation is impressive for such a compact industrial locomotive. Looking closer, handrail patterns are also different although the basic outline of the Peckett locomotive is still present in both cases. The overall look and styling of the 'W4' is captured superbly by Hornby's model. The wheels and valve gear are impressive too and really look the part.

Decoration on both our samples matched the high standards we expect from today's ready-to-run products. Sharp lining, crisp numbers and lettering and even fully legible builder's plates on the cabside add up to a sublime finish. The cab interior is fully detailed and painted too.

PERFORMANCE

Small locomotives are notoriously difficult to reap consistent performance from – not least >>



because it is a challenge to gain enough adhesive weight over the wheels to maintain perfect electrical contact with the rails. Moreover there is also the limiting factor of the four-wheel chassis – the latter being more of a potential problem for insulated frog points.

So what does this all mean? If you are going to get the best from the Peckett (and it really is very good) you will need scrupulously clean track and wheels. With that comes great rewards. The chassis design in the Peckett is superb and shows just how good modern mechanisms can be.

From the box both of our samples ran silently around our test track – first unloaded to bed in the mechanism and then with increasing loads. The limit was reached at 20 mineral wagons – a

formidable load that the real 'W4s' wouldn't be tasked with. Our tests were conducted on code 75 track on which the models excelled. We also took on a shunting task with them to try out their slow speed performance and, with the above mentioned clean track and live frog points, they excelled.

Hornby has also made a conscious effort to incorporate the ability to add a Digital Command Control (DCC) decoder into the tiny 'W4'. In the same vein as its Sentinel four-wheel diesel shunter the Peckett features a 4-pin connection to allow it to use Hornby's own decoder (Cat No. X9659). This decoder is in fact an adapted version of its R8249 four function decoder with a reduced number of connections to suit the Sentinel and Peckett.

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3427 (<i>Dodo</i>), R3428 (11)
Description:	Peckett 'W4' 0-4-0ST
Scale:	'OO'
Price:	£87.99 each
Era:	2-5
DCC:	DCC ready, 4-pin socket
Couplings:	Small tension locks in NEM pockets

Space is, of course, at a premium but with careful positioning of the decoder it is possible to install it without any physical changes to the model. Sound though will be a big challenge!

OVERALL

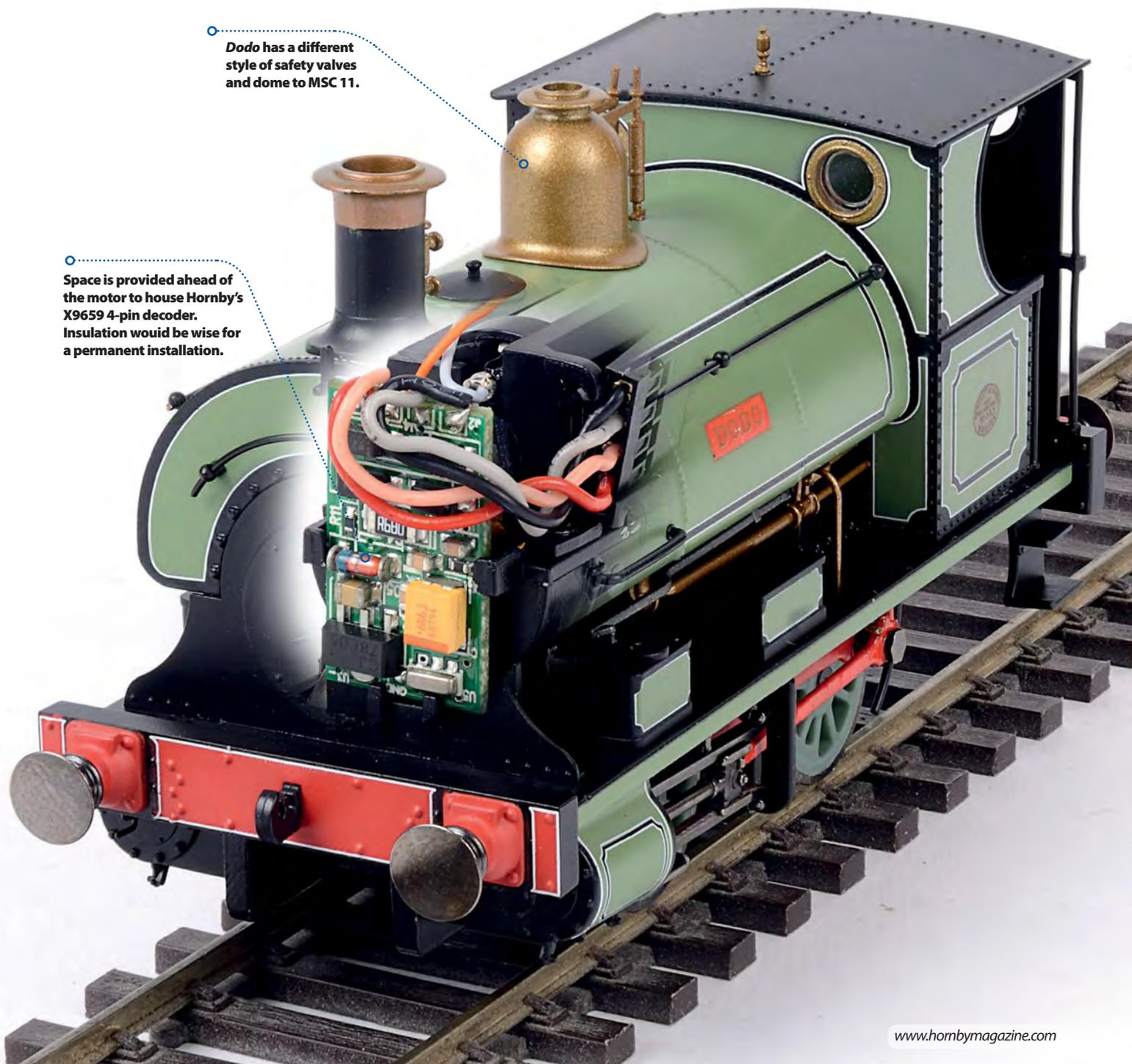
The Peckett is a fabulous little model. As a follow up to the Sentinel diesel shunter it has great potential for industrial settings

and I have no doubt that it will also become a catalyst for compact shunting layouts too – it has already set the *Hornby Magazine* team thinking in this direction.

With its incredibly strong pre-orders this model is set to fly off the shelves – and rightly so. Even though we don't have an industrial setting just yet, at least one will definitely be joining the *Hornby Magazine* roster! (MW)

Dodo has a different style of safety valves and dome to MSC 11.

Space is provided ahead of the motor to house Hornby's X9659 4-pin decoder. Insulation would be wise for a permanent installation.





Chimney, dome and safety valve patterns vary between models.

The 4-pin decoder socket is positioned alongside the motor.

Superbly detailed valve gear complements the neatly produced wheels.

IN SHORT...

What motor is inside?

Five pole motor driving the rear axle through a worm gearbox.

What decoder will fit?

The Hornby 4-pin decoder (Cat No. X9659) - which is adapted from its standard 8-pin R8249 decoder - will fit inside.

Can I use different couplings?

Yes, with NEM pockets fitted front and rear it is a simple job to substitute different couplings with NEM fish tails. Kadee magnetic couplings are a direct replacement.

Is it simple to take apart?

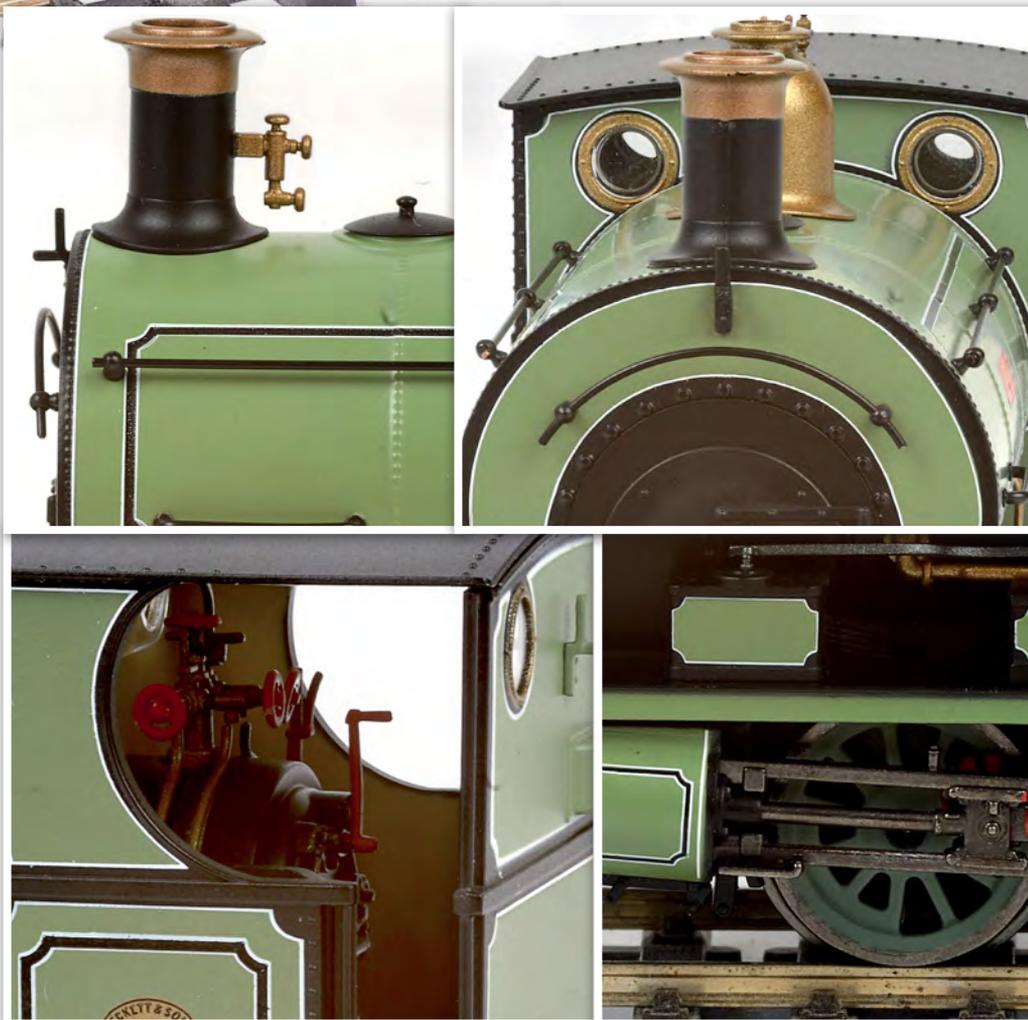
In short, yes. Two screws (one located above the front coupling pocket) need to be released and it takes no more than 30 seconds to get the body off.

Does it need lubrication before service?

No, Hornby pre-lubricates the Peckett so that you can get it straight on the track for running in.

Should I run this model in?

Yes, it is always worth running a model in before accepting it into service. Run it continuously at a medium speed for at least half an hour in each direction. This will prepare it well for consistent service.



Peckett's 'W4'

0-4-0ST

*In the days when almost every factory had its own railway system there was a massive demand for shunting engines, with one of the most prolific suppliers being Peckett & Sons of Bristol. **EVAN GREEN-HUGHES** looks at one of their popular products, the 'W4'.*



INDUSTRIAL RAILWAY operators demanded traction that was simple, reliable and cheap to run. These operators did not need the frills of the marketing department or the complexities of main line operators but instead just very basic railway engines that could do a day's work.

Britain led the way in supplying such traction, not only at home but all over the world, and a number of companies specialised in this field, offering everything

from custom-built locomotives through maintenance and even part-exchange when engines were worn out. One of these was Peckett and Sons of Atlas Engine Works in Bristol whose range of 'W' four-wheelers typified the ideal style of locomotive required by small operators.

Peckett came into being in 1880, describing itself as a supplier to "Collieries, Ironworks, Contractors, Tinplate Works, etc" and quickly embarked on the design and production of a range of no-nonsense

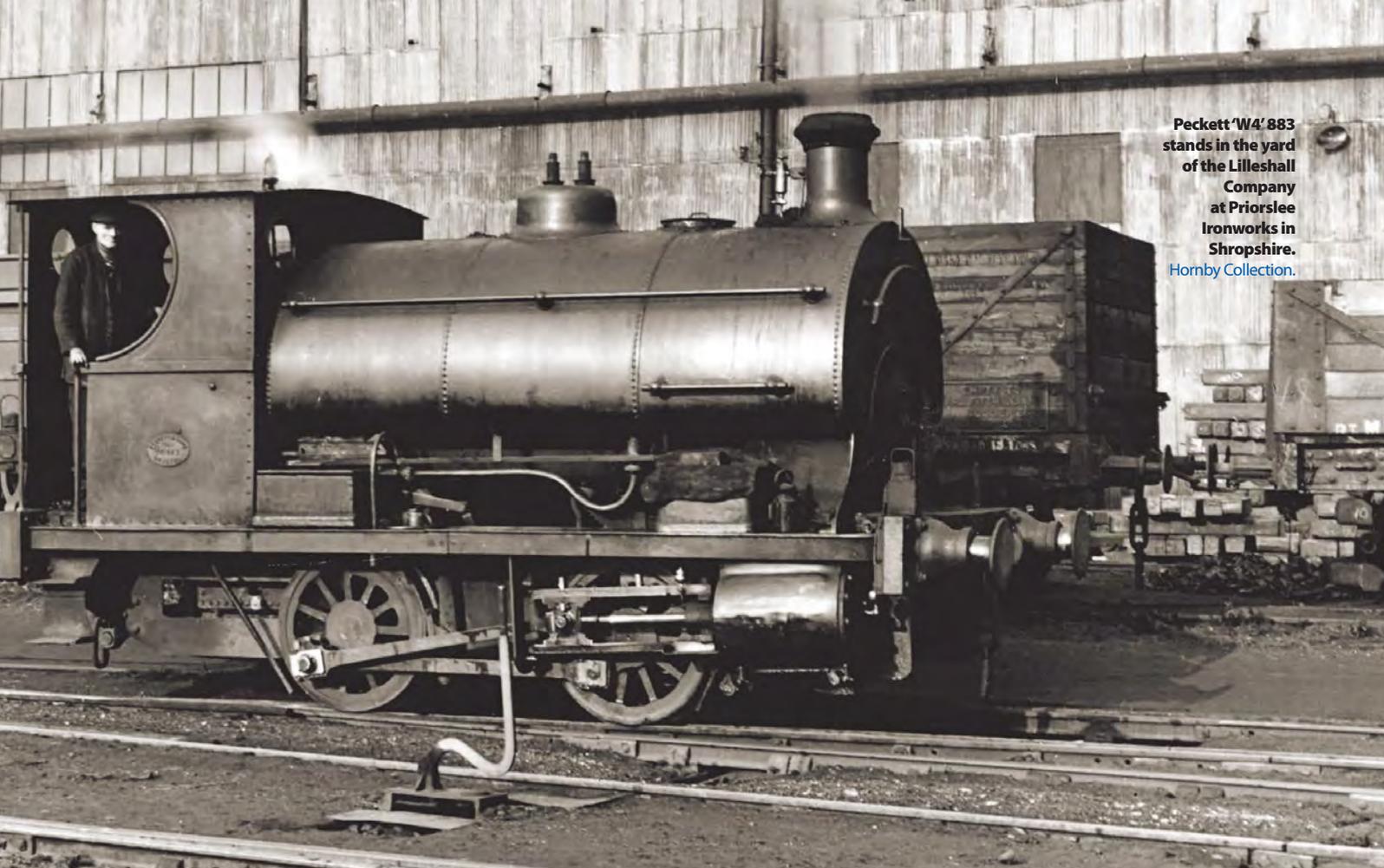
and easily maintainable locomotives. These were always of rugged design and incorporated many robust but simple features with the various different types sharing as many components as possible in order that costs could be kept down.

Four and six-wheel tank engines were available and the company also built stationary steam engines for a time. Interestingly Peckett had taken over the business of Fox, Walker and Company and this firm had also built



An official works portrait of Peckett 'W4' 0-4-0ST 614 complete with Peckett & Sons, Bristol lettering on the footplating.
Hornby Collection.

Peckett 'W4' 883 stands in the yard of the Lilleshall Company at Priorslee Ironworks in Shropshire. Hornby Collection.



the power units for steam trams.

From the earliest days, locomotives built by the company were always a development of an earlier design and because of this, the company's products were somewhat conservative in nature. However, this gradual development resulted in locomotives on which all components had been thoroughly tested over a long period of time and therefore could be guaranteed to be reliable and cost-effective in service. The works always had substantial order books and were particularly busy during both world wars with their products much in demand for shunting at factories supplying the war effort.

Unfortunately the use of private railways declined during the 1950s at a time when the steam engine was also falling out of favour and consequently the company produced its last locomotive in 1958. An attempt had been made to keep up with the times by producing diesel shunters but these were not particularly successful and did not prevent the company going out of the railway business completely in 1961.

AN EARLY START

The company's first locomotive left the works in December 1884, this was a small 0-4-0T with outside cylinders and side tanks which was built for the Cyfarthfa Ironworks in Merthyr Tydfil where it became No. 9. Within 12 months the design had been refined to include a saddle tank, thus setting out the principles that were to define the company's engines over the next 80 years or so. This locomotive went to contractors Daniel Edwards and was one of many of the company's products that were

to assist in the construction of major civil engineering projects around the country.

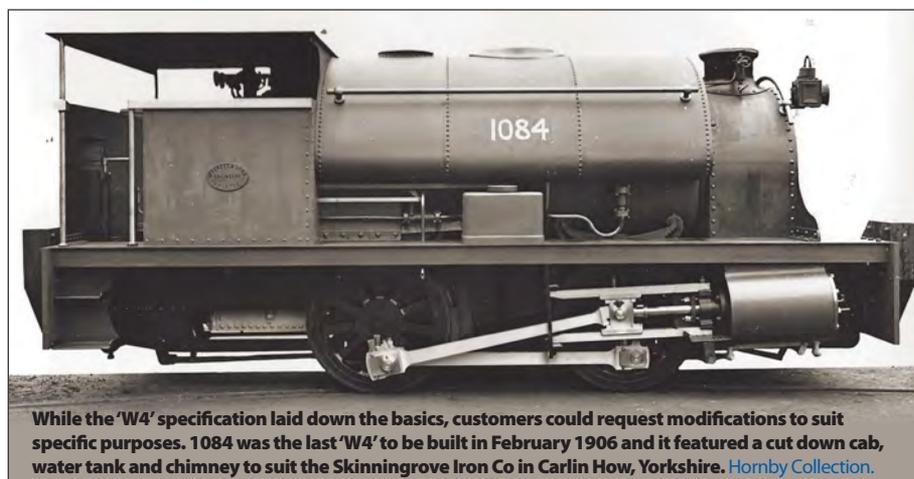
The four-wheelers were from then on known as the 'W' class and these came in six basic variations as the design developed from the 'W2' of 1884 to the 'W7' of 1937. As was usual with industrial locomotives the customer could specify a large number of detail differences with the result that there are many variations of each of the six 'W' series locomotives.

The basic 'W4' had two 13in outside cylinders (later 14in) and 3ft 0½in or 3ft 2½in driving wheels which had H-section spokes and a boiler fitted with spring balanced safety valves. The saddle tank was fitted above the boiler so access could be obtained to the space between the frames for maintenance purposes without the requirement for the use of a pit. At the rear the standard cab had cut-out side sheets, a full spectacle plate and a full-

length roof, while at the rear the sheeting only extended to half the height of the cab. With a total length of only 18ft and a wheelbase of 5ft 6in, the locomotives were of particular value on confined sites or at locations with very tight curves.

The 'W4' was produced from 1885 to 1906 and 140 examples were constructed in all. Some were supplied with lower cabs and chimneys while there were also examples with shorter or lower saddle tanks. Many had full sheeting fitted to the rear of the cab while buyers were encouraged to specify extras such as toolboxes, additional steps, handrails and larger coal provision. The firm did not, however, offer options on the basic design of the locomotive, which it considered to be both proven and effective. Customers who tried to get mechanical variations were, it is said, politely turned away.

Engines were turned out in standard >>>



While the 'W4' specification laid down the basics, customers could request modifications to suit specific purposes. 1084 was the last 'W4' to be built in February 1906 and it featured a cut down cab, water tank and chimney to suit the Skinningrove Iron Co in Carlin How, Yorkshire. Hornby Collection.

Peckett green unless the customer specified their own livery and all were tested on the company's one mile long private branch line which rather unusually also served local collieries as well.

VARIATIONS ON A THEME

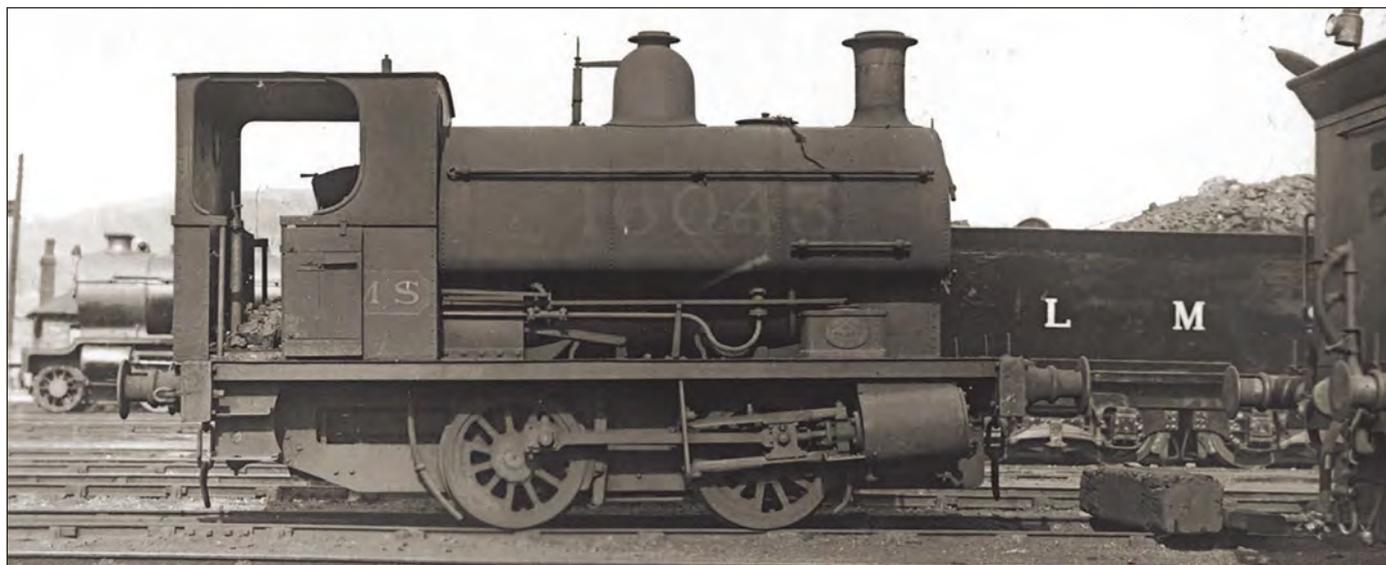
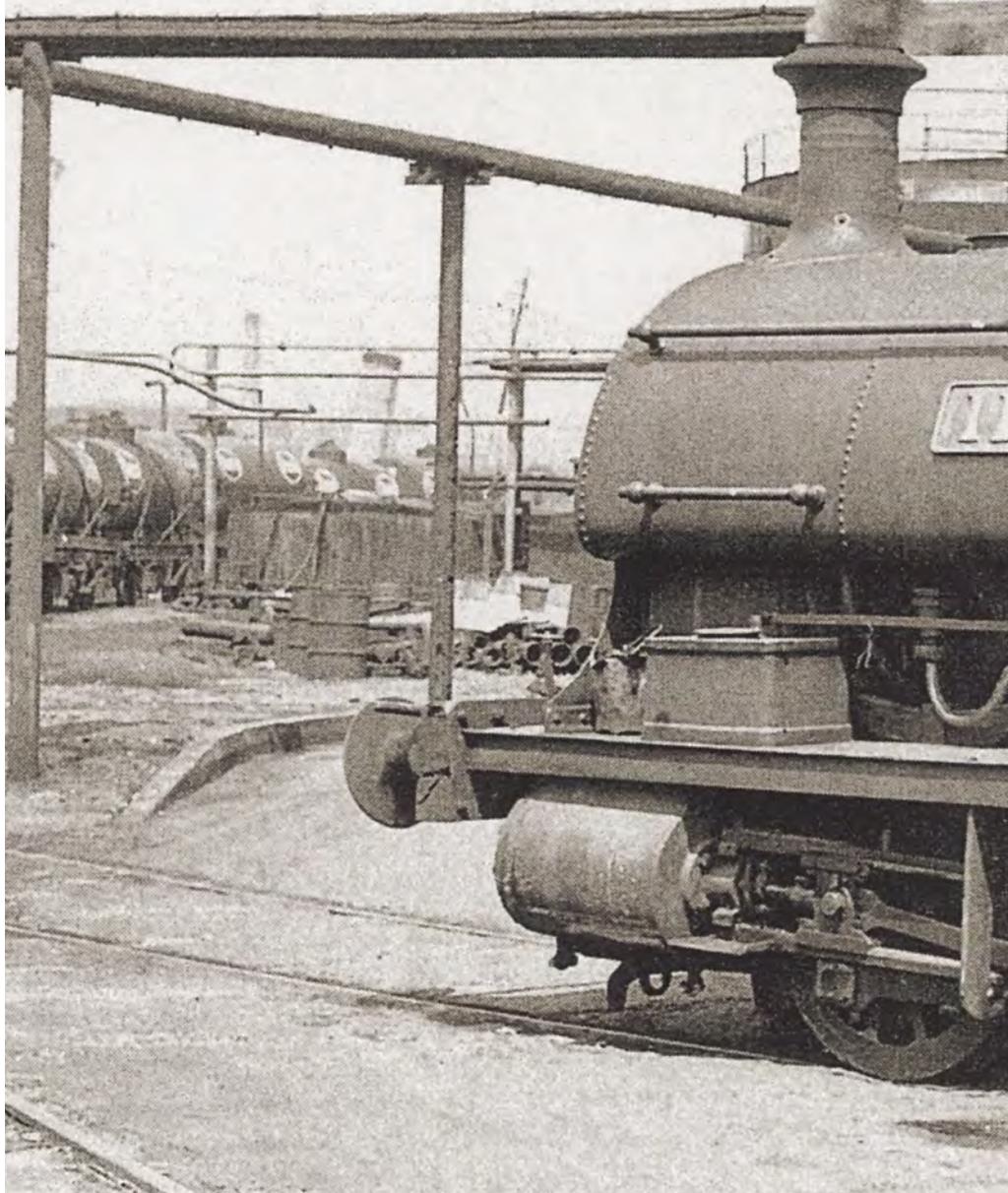
Despite the level of standardisation employed and a reluctance to depart from the normal designs some locomotives were built with variations. In 1889 the company built a 'W4' for Neville Druce and Co. of Llanely for use in its copper works. Works No. 484 was named *Pioneer* and it was unusually fitted with its cylinders inside the frames but was in all other aspects identical to the standard engines. In 1895, C. Rowlands of Swansea bought a 'W4' but had all the side motion encased in side sheets as it was intended that it would be used on lines which travelled alongside the public highway for part of its duties. This locomotive looked very different from its sisters because it also had a fully open cab.

Given the small size of the 'W4', it may come as a surprise to learn that a number were operated by main line companies, although these were by default rather than by design. In 1919 the Glasgow & South Western Railway (GSWR) took over Ayr harbour and as part of the deal acquired Peckett 'W4' Works No. 977. This later operated as GSWR 735, passing to the London Midland & Scottish Railway as 16043, serving for a time at Kilmarnock works and later at the short Gleneagles Hotel Branch, being taken out of service around 1930.

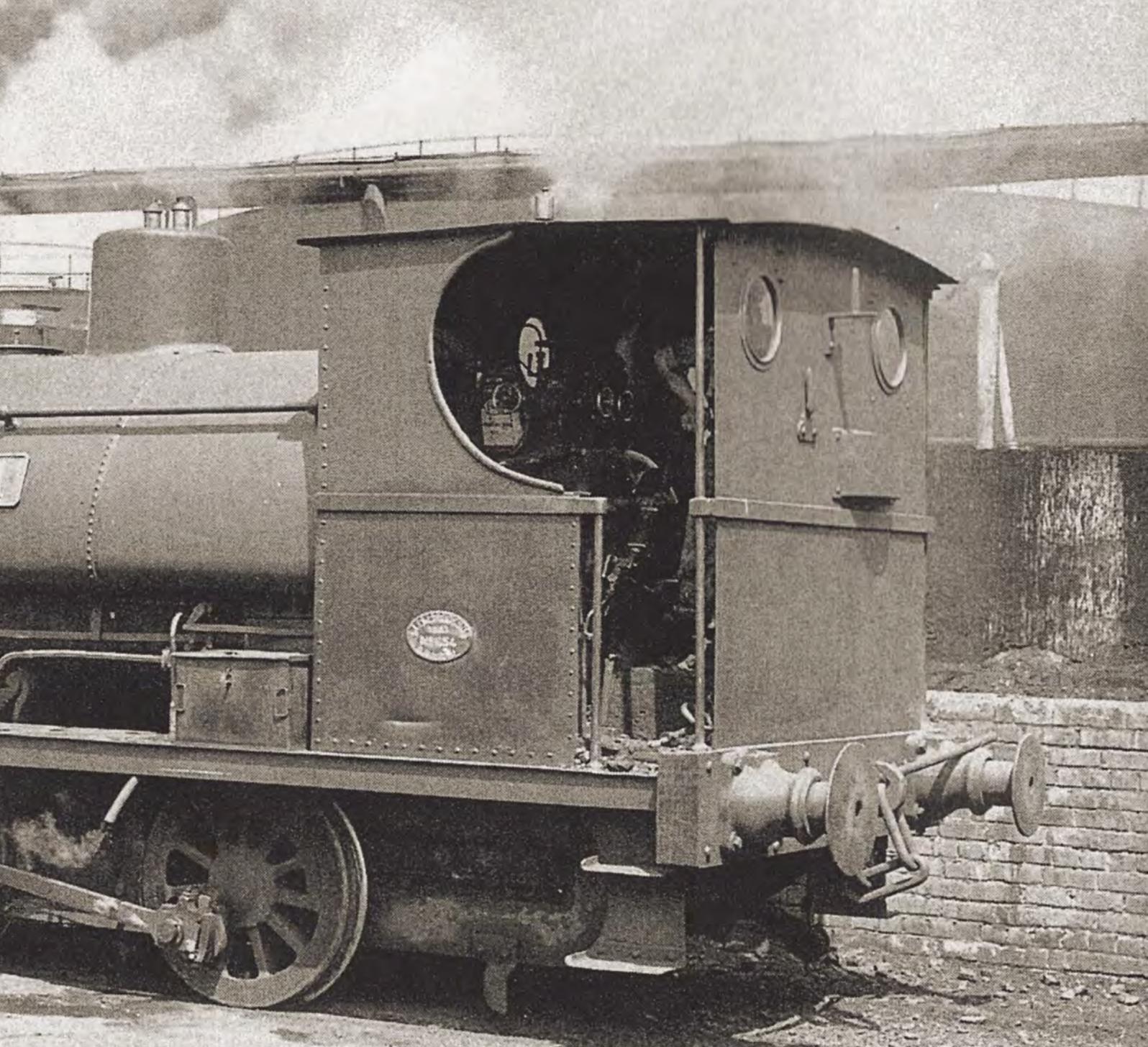
Four 'W4s' that had originally been supplied to C. Rowlands for work at Swansea Harbour passed into the ownership of the Great Western Railway (GWR) in 1923, becoming 886/926/930/933 respectively. All were withdrawn in 1928-1929 but one is known to have then gone for further use at a colliery but what happened to it thereafter is unknown.

Two 'W4s', 979/985, worked the Co-Op's branch at Irlam near Manchester where in addition to working the goods trains they

The famous Manchester Ship Canal made use of Peckett's fine locomotives. 1897 built No. 11 awaits its next movements on the system. [Hornby Collection.](#)



While all of Peckett's locomotives were originally built for industrial use a handful did pass into ownership of the main line railway companies. This included works number 977 which entered main line service with the Glasgow South Western Railway after it took over operation of Ayr Harbour. Ultimately the 0-4-0ST was numbered LMS 16043. [Hornby Collection.](#)



also were employed on the twice-daily passenger service which ran from Irlam station into the works, and which used an ex-Midland Railway six-wheel coach.

Most of the other 'W4s' had uneventful lives in industry either shunting or taking trains to and from exchange sidings. Many were worked in very poor conditions and were badly maintained but the basic design was so sound that they survived for a great number of years. Some of the more notable customers for the design were the Manchester Ship Canal railways, Huntley and Palmer Biscuits in Reading and the Ebbw Vale Steelworks, but the design saw considerable use, especially where loads were not heavy or the journey was not of any great length.

Three 'W4s' have survived to be with us today. The Sittingbourne and Kemsley Light Railway has the oldest-surviving Peckett, this being Works No. 614 *Bear*, built in 1896 for James Dunlop's Ironworks on the Clyde.

PECKETT 'W4' 0-4-0ST

Builder:	Peckett and Sons, Bristol
Built:	1885-1906
Total built:	140
Total preserved:	3
Length:	18ft
Height:	11ft 7in (typical)
Weight:	23tons
Wheelbase:	5ft 6in
Wheel arrangement:	0-4-0ST
Driving wheel dia':	3ft 0½in or 3ft 2½in
Cylinder (outside):	Two, 13in x 20in (later 14in x 20in)
Coal capacity:	1ton 9cwt
Water capacity:	660gallons

It remained there for more than 50 years before moving to Andrew Barclay and Sons in 1941 for heavy repair following which it was sent to Mossend Engineering Works as No. 3. After a further 25 years' work, it finally passed into preservation, although is currently non-operational. The Foxfield

Railway has Works No. 933 *Henry Court* which was one of a pair delivered to Ebbw Vale in 1903. This gave 51 years service before moving on to the same owner's ironstone quarry at Blisworth. It worked until 1965 before moving into preservation. Again it is currently awaiting repairs. Also a static exhibit is the third preserved example, 1899-built *Daphne*, which served with the Tytherington Stone Company in Gloucestershire before being pensioned off as a piece of playground equipment on the seafront at Lytham. Thankfully it was saved and moved to the Ribble Steam Railway where it awaits a considerable restoration.

The 'W4' was a simple and reliable locomotive which came from a company that made it its business to service industry. Largely overlooked by enthusiasts during their working lives, these locomotives are now gathering a following through Hornby's new model of the design that should mean that their legacy will never be forgotten. [Hornby](#)

'OO' GAUGE

Plain green for *Roebuck*

- Price: £149.95 ● Cat No: 32-069
- DCC: 21-pin socket ● Era: 5
- Site: www.bachmann.co.uk



THE striking curves of the North British built Class 43 'Warship' are being revived for a second outing in 'OO' gauge with the arrival of D841 *Roebuck* – one of three new versions of the 2015 introduced Bachmann model docking this December. The others are D836 *Powerful* in BR blue (Cat No. 32-067A) and D838 *Rapid* in BR maroon with full yellow ends (32-068).

This is the first time since introduction of the Class 43 'Warship' that the model has been released in BR green without warning panels – a livery that shows just how dark British Railways' colours were prior to introduction of yellow panels. Nevertheless, Bachmann's model carries this scheme off superbly with excellent printing and lettering throughout together with a set

of etched metal nameplates for optional fitting after purchase.

Detailing is just as good as the first release (HM98) and as well as all the factory fitted goodness the supplied pack of extras includes roof vents, bufferbeam fairings and fittings. Plus the 'Warship' has directional and cab lighting, switches to control tail and cab lights and a 21-pin decoder socket too.

Important things to note are that this model is capable of handling a scale length train of

10 coaches with ease and that provision is also made for sound installations with a clamp to support a 28mm round speaker mounted to the inside face of the roof.

All in all, this new 'Warship' is a quality model which is sure to fill

a niche for early liveried hydraulics to run alongside the former GWR's fleet of express 4-6-0s. (MW)

'OO' GAUGE

Populated composite carriage



- Price: £39.95
- Cat No: 34-700C
- Site: www.bachmann.co.uk
- Era: 5

Following on from its first populated carriage which we reviewed in HM114, Bachmann has now delivered a complementary

non-corridor Composite to go with the Brake Second. The Composite is delivered in BR lined maroon as M41014 and

includes 12 passengers in the compartments as well as turned metal wheels and moulded small tension lock couplings. (MW)

'OO' GAUGE

Sealink Mk 1 Second Corridor



● Price: £39.95 ● Cat No: 39-032
● Site: www.bachmann.co.uk ● Era: 7/8

The distinctive Sealink livery is the latest to adorn Bachmann's 'OO' gauge BR Mk 1 Second Corridor (SK). The blue, white and red colour scheme was introduced in

the 1980s for a rake of carriages dedicated to the Glasgow-Stranraer Irish Sea ferry traffic.

Bachmann has done an excellent job of the SK which

correctly features an SC prefixed vehicle number together with small tension lock couplings and turned metal wheels.

Decoration is up to the high

standards we expect from Bachmann making this an attractive and distinctive carriage which will appeal greatly to 1980s Scottish Region modellers. (MW)

'OO' GAUGE

Streaked 'Covhop' arrives for 'OO'

● Price: £27.95 ● Cat No: 38-500A ● Site: www.bachmann.co.uk ● Era: 7



Bachmann's fine model of the BR Covered Hopper Wagon ('Covhop') is back again in BR bauxite – but this time with a salt streaked weathered appearance. Delivered as 1980s period CHV B870799, it looks

superb for a factory weathered model and also comes with NEM coupling pockets fitted with small tension lock couplings and turned metal wheels in the detailed roller bearing axlebox chassis. (MW)

'OO' GAUGE

LNER 20ton brake van

● Price: £25.50 ● Cat No: 37-529B ● Site: www.bachmann.co.uk ● Era: 3



Modellers of the pre-nationalisation era will welcome this new addition for 'OO' gauge. The latest incarnation of Bachmann's LNER 20ton brake van is delivered in bauxite livery with NE markings and a weathered

paint finish making it stand out from the crowd. With turned metal wheels, small tension locks in NEM pockets and factory fitted vacuum brake pipes it is ready to enter service at the rear of a train straight from the box. (MW)

'N' GAUGE

Weathered TTA 45ton tanker

● Price: £17.95 ● Cat No: 373-777D ● Site: www.bachmann.co.uk ● Era: 7

New in for the Graham Farish range is this weathered TTA 45ton tanker. The model features general frame dirt weathering as well as worn logos and black streaking down the tank, creating a smart representation

of a working four-wheel tanker. The livery sets it as a 1980s period vehicle, perfect for expanding an existing train formation or beginning a new one to run behind BR blue motive power. (MW)



'OO' GAUGE

Satlink 'Queen Mary' brake

● Price: £25.95 ● Cat No: 33-831 ● Site: www.bachmann.co.uk ● Era: 8



Bachmann has released its longstanding 'OO' gauge Southern Railway 'Queen Mary' bogie brake van in 1990s Signal and Telegraph department Satlink livery.

Finished in the red and yellow colour scheme of the department, this vehicle models Western Region allocated YZW KDS56305. Making it stand out further is a subtle weathered finish consisting of frame dirt sprayed over the bogies, frames and lower body. (MW)

'OO' GAUGE

Hornby's Gresley Collection



- **Price:** £549.99
- **Cat No:** R3500
- **Site:** www.hornby.com
- **Era:** 3
- **DCC:** 8-pin sockets

2016 MARKS the 75th anniversary of Sir Nigel Gresley's death and Hornby's is commemorating the great London and North Eastern Railway (LNER) Chief Mechanical Engineer (CME) with its eagerly-awaited commemorative Gresley Collection. This set of four locomotives is available now.

Born in June 1876, Herbert Nigel Gresley went on to become the LNER's famed CME in 1923, following a variety of roles with the Lancashire and Yorkshire Railway and as Superintendent and CME of the Great Northern Railway. He passed away in April 1941, aged 64.

For this superb collection (Cat No. R3500), Hornby has selected four of its 'OO' gauge models that exhibit the legendary locomotive engineer's flair for designing

head-turning express locomotives and includes LNER 'A1' 4-6-2 2554 *Woolwinder* (R3439), LNER 'A3' 4-6-2 2503 *Firdaussi* (R3437), LNER valance-fitted 'A4' 4-6-2 4494 *Osprey* (R3438) together with 'P2' 2-8-0 2001 *Cock O' The North* (R3440).

Bearing the hallmarks of previous locomotive releases, each displays separately fitted handrails, fine etched-metal valve gear, brake rigging, glazed cabs and, apart from the 'P2', a decorated cab interior. That said, Hornby's 'P2' 2-8-2 now comes with turned metal buffers, matching the appearance of the sprung metal versions fitted to the 'Pacific's'. The collection also features a mix of tender tooling too, the 'A1' paired with a Great Northern Railway (GNR) type with coal rails, the 'A4' with a LNER corridor tender – both with solid wheels, while the 'A3' and 'P2' feature LNER non-corridor



'HO' GAUGE

Autumnal shades

- **Price:** £13.90
- **Cat No:** 6774
- **Site:** www.goldenvalleyhobbies.com
- **Era:** Any

This 'HO' scale deciduous tree from Busch will add a touch of autumn colour to your layout. Moulded in brown plastic and measuring approximately 205mm x 90mm, the tree's branches have been coated in green flock as a base layer and topped with yellow sea moss material. Effective, colourful and available now. (MC)



'OO' GAUGE



Longmoor brakevan

- **Price:** £27.99
- **Cat No:** 37-537X
- **Site:** www.invictamodelrail.com
- **Era:** 5/6

New from Invicta Model Rail is this exclusive Bachmann 'OO' gauge Longmoor Military Railway 20ton brake van. The Longmoor Military Railway (LMR) was based in Hampshire and trained army personnel in railway construction and operation

until its closure the late 1960s. Finished in LMR green with grey roof, this latest limited edition model represents War Department (WD) vehicle WD 49027 which was based on the line until its demise. The brake van is limited to 504 models and is available now. (MC)



tenders with spoked wheels.

What makes this collection particularly special, though, is the decoration with each model carrying a superb overall gloss paint finish, presenting the locomotives as they would have appeared 'ex-works' on delivery to the LNER in

the 1920s and 1930s. Application of the LNER lined apple green colour scheme is excellent, together with

crisp shaded LNER lettering and numbers, white/black/white boiler bands, legible builder's plates, fine white wheel rims and exquisite red lining adding to the elegant appearance of each model.

Limited to just 850 of each, this outstanding collection is available as a set of four locomotives with individually numbered certificates, although they are also being sold separately by some retailers. Simply stunning. (MC)



'HO' GAUGE

Another brick in the wall

- Price: £8.80 ● Cat No: 41205
- Site: www.goldenvalleyhobbies.com ● Era: Any

A recent introduction to the Auhagen range of building accessories is this pack containing two 'HO' scale sheets of moulded red brick walling. Each section measures 210mm x 65mm and has cut-outs at

each end to allow the wall to be easily extended by simply slotting the parts together, either in a straight line or at an angle. Also included is a selection of brick detailing parts for further embellishment. (MC)



'N' GAUGE



A touch of glass

- Price: £4 ● Cat No: N-StainedGlass05
- Site: www.yorkmodelmaking.co.uk ● Era: Any

York Modelmaking's extensive range of windows and building materials includes this impressive pack of stained glass material. Printed in colour on acetate sheet, our 'N' gauge sample provided 202mm x 141mm of stained

glass effect glazing, suitable for use with its superb collection of church windows available as single, double and triple layer examples in 'N', 'OO' and 'O'. Perfect for that finishing touch. (MC)

**FIRST
REVIEW**

Dapol

The rise in popularity for 'O' gauge ready-to-run is set for a steep increase with the arrival of Dapol's Class 08 shunter. **MIKEWILD** reviews this new arrival and assesses its abilities.

UPSCALES

THE '08'





THE DETAILS

Manufacturer:	www.dapol.co.uk
Cat No:	7D-008-000 to 7D-008-006
Description:	BR Class 08 0-6-0 diesel shunter
Scale:	'O'
Price:	£199.95
Era:	4-9
DCC:	DCC ready, 21-pin socket
Couplings:	Screw links

This BR black version is a limited edition for the Dapol Collector's Club, but catalogue versions in original BR black are also available.

READY-TO-RUN 'O' GAUGE has been gaining momentum rapidly over the past 18 months, but the arrival of Dapol's new Class 08 diesel shunter could be the catalyst for a spike in sales for the scale.

Until now we've mainly been used to seeing main line diesel locomotives at prices which, to be fair, aren't suited to everyone's pocket. Equally, you really needed something more than a shunting yard to really make the most of these locomotives which many modellers only have space for at home.

Dapol's Class 08 is set to change all that. Digital Command Control (DCC) ready, it comes in at a shade under £200 and is the type of locomotive that any layout from the smallest shunting yard to the largest

main lines can find a home for.

It is an exciting prospect and one which the modelling community has been itching to get a hold of – and that has been shown following its arrival with Class 08s appearing in every corner of the internet and even with those with no plans to build an 'O' gauge railway too.

THE MODEL

One thing is for sure – this is a great looking model. Dapol has done a fantastic job of recreating the English Electric Class 08 in 'O' gauge and I'm sure that many will be swayed on this alone to add one of these to a display cabinet even if they don't have a working layout in the scale.

Front to back, top to bottom

there is detail galore from the open slats and etched mesh of the front grille to the ladders, sprung metal buffers, screw link couplings, separate handrails, 'locker' door detail fuel tanks and cab. Every millimetre shouts '08'.

Below the solebar the detailing of the outside frames is superb and the icing on the cake are the superbly detailed connecting rods, cranks and spoked metal wheels. Brake rigging is modelled in full too together with sandpipes to the front and rear drivers plus suitable tanks and pipework under each bufferbeam.

The cab has opening doors – which can be positioned fully

open or closed – while the interior features a neat array of detailing. The only thing which would have made this area better is painting of the gauges to really bring life into this area of the Class 08.

Decoration of our BR black sample was excellent throughout with crisp application of the plain BR black paint scheme together with printed numbers, nameplate, crests and electrification warning flashes.

We also had opportunity to inspect a BR blue version as 08202. The body colour is a good match for BR blue and sits well alongside products from other manufacturers for the scale. >>



Dapol has crafted a superb model of the ubiquitous Class 08 diesel shunter for 'O' gauge.

The 'wasp stripe' front ends are neatly done together with the cabside numbers and data panels adding up to an impressive package.

BR green versions are due to follow the black and blue models before the end of the year.

PERFORMANCE

Our sample acquitted itself well on test operating smoothly and quietly throughout the speed range on analogue control while also offering plenty of haulage capability too. After a period of running in we loaded the '08' with a short rake of eight wagons for loaded trips before submitting it to testing with

IN SHORT...

What motor is inside?

Flywheel fitted five pole motor driving the rear axle through a worm gearbox.

What decoder will fit?

Choices include: Zimo MX644D 21-pin sound decoder or, for motor and light control only, Lenz silver or gold five function decoder, TCS EU621 six function decoder or Zimo MX634D six function decoder.

Can I use different couplings?

Not without modification as it is fitted with working screw links as standard.

Is it simple to take apart?

Yes – the roof unclips for access to the decoder socket and a clearly labelled diagram shows how to remove the full body for maintenance and servicing. Just take care not to damage the wiring.

Does it need lubrication before service?

No, the Dapol '08' is lubricated in the factory during assembly, but servicing with fresh model oil after 100 hours of operation is recommended.

Should I run this model in?

Yes, it is always worth running a model in before accepting it into service. Run it continuously at a medium speed for at least half an hour in each direction. This will prepare it well for consistent service.

heavier Heljan Mk 1 carriages. It was capable of handling five on straight, level track, but undulations and curves reduced this to four – still enough for most situations.

With analogue testing complete we moved forward to test the Digital Command Control features of the model. The Dapol Class 08 requires a minimum of a five-function decoder to operate its directional lighting, shunt lights (front and rear are on separate functions) and cab lights. Access to the decoder socket is straightforward and only requires a clip fitted section of the roof to be removed to reach the it. This is a 21-pin socket, but our tests showed that it isn't particularly suited to the ESU LokSound decoder. This is due to the position of components of the circuit board and also our LokSound decoder provided permanent illumination to the

rear LEDs for the shunt lamps.

Dapol suggested the use of Lenz silver or gold five function decoders, a TCS EU621 six function decoder or a Zimo MX634D six function decoder for non-sound DCC fitting. For sound Zimo's MX644D is an ideal choice, but it is worth checking with the originator of the sound project for how the lighting functions will be operated. Digitrains has already produced a specific version of its Class 08 Zimo sound file for use with the Dapol model and its lighting.

Provision is made for installation of a speaker, but the choice of location could have been better. It is mounted to the roof (which is solid plastic) and we would suggest

positioning a chosen speaker at the front of the locomotive behind the bonnet grille where there is ample space for a range of speaker designs without any need for modification.

That aside, with the right combination of decoder and speaker position we actually found the Class 08 operated better under digital control – especially at slow speeds – with perfect and unhesitating movement of the driving wheels even at speed step one. This is what we want from a shunter!

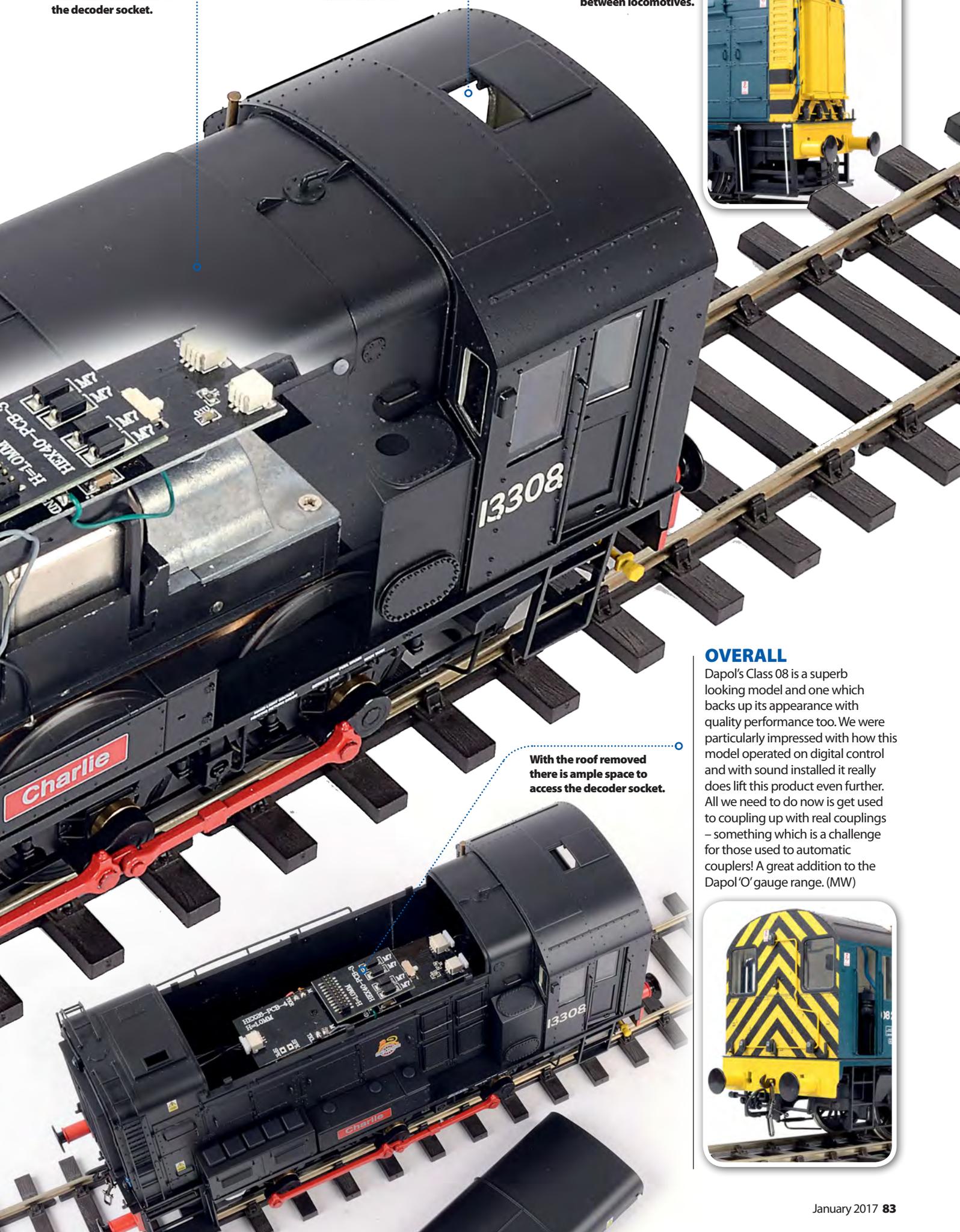
A 21-pin decoder socket is provided with simple access through the roof.



Central roof panel is removable for access to the decoder socket.

The cab is fully detailed inside and out.

Detail differences are incorporated where possible between locomotives.



With the roof removed there is ample space to access the decoder socket.

OVERALL

Dapol's Class 08 is a superb looking model and one which backs up its appearance with quality performance too. We were particularly impressed with how this model operated on digital control and with sound installed it really does lift this product even further. All we need to do now is get used to coupling up with real couplings – something which is a challenge for those used to automatic couplers! A great addition to the Dapol 'O' gauge range. (MW)





RAILS OF SHEFFIELD

PHONE/ORDER HOTLINE
(0114) 2551436
Open 9:00am - 5:00pm
24 Hr Answerphone service for orders

SHOP OPENING HOURS:
9:30am - 5:00pm
Monday - Saturday
Free parking outside the door!

HORNBY

HORNBY

FULL RANGE STOCKED AT BARGAIN PRICES

R3115	BR 4-6-2 Unrebuild West Country Class 'Exeter' BR Grn #34001	£124.50
R3233	LNER Black 4-4-0 D16/3 Class - Pre 1948 Locomotive 8825	£79.50
R3261	Network Rail 0-6-0 Class 08 417 Diesel Shunter	£69.50
R3266	BR Sub-Sector Co-Co Diesel Electric 'Quinag' Class 60090	£139.50
R3299	'Going Home' - 1945-2015: 70th Anniversary of the end of the Second World War Train Pack - Limited Edition	£195.00
R3300	Sir Winston Churchill's Funeral Train Pack - Limited Edition	£239.50
R3302	1940: Return from Dunkirk Train Pack - Limited Edition	£179.50
R3311	BR 4-4-0 'Westminster' Schools Class - Early BR	£109.50
R3323	BR Black 4-6-0 'Black 5' Class SMT - Late BR Locomotive 44694	£119.50
R3324	LNER 0-6-0T J50 Class Locomotive	£69.50
R3325	BR 0-6-0T J50 Class Locomotive - Early BR	£59.50
R3326	BR Black 0-6-0T J50 Class Locomotive - Late BR	£59.50
R3333	BR 4-4-2T Adams Radial 415 Class - Early BR	£89.50
R3334	BR 4-4-2T Adams Radial 415 Class - Late BR	£89.50
R3335	LSWR 4-4-2T Adams Radial 415 Class - LSWR Preserved	£89.50
R3337	The Silver Jubilee Collection - 80th Anniversary Ltd Edition Set	£395.00
R3339	LMS 4-6-2 'Duchess of Hamilton' Princess Coronation Class Locomotive 6229	£119.50
R3342	BR Blue Class 08 489 Diesel Shunter	£84.50
R3343	First Great Western Class 08 822 Diesel Shunter 'John'	£84.50
R3356	RailRoad BR 2-10-0 Crossi Boiler 9F Class (Early BR) Heavily Weathered	£94.50
R3374	BR Class 71 '71012' - BR Blue	£109.50
R3382TTS	BR 4-6-2 'Holland-Afrika Line' 35023 Merchant Navy (Unrebuild) Early BR with TTS Sound	£154.50
R3384TTS	BR 4-6-0 'King George I' 6000 King Class, Late BR-TTS Sound	£149.50
R3393TTS	RailRoad RID Class 47 47033 with TTS Sound	£69.50
R3404	BR 2-6-4T 42334 Fowler 4P Locomotive	£99.50
R3405	LNER 0-6-0T 585 J50 Class Locomotive	£69.50
R3409	BR 4-6-0 'King William IV' 6000 King Class Late BR	£134.50
R3410	BR 4-6-0 'King Henry III' 6000 King Class - Early BR Locomotive	£134.50
R3411	SR 4-6-0 827 Maunsell S15 Class Locomotive	£109.50
R3412	BR 4-6-0 30842 Maunsell S15 Class - Early BR	£109.50
R3424	LNER 0-8-0 Raven Q6 Class - Early Locomotive	£109.50
R3425	BR 0-8-0 Raven Q6 Class - BR Early Locomotive	£109.50
R3426	BR 0-8-0 Raven Q6 Class - BR Late Locomotive	£109.50
R3430	LNER 4-6-0 Holden B12 Class Locomotive	£121.50
R3431	BR 4-6-0 Holden B12 Class - BR Early Locomotive	£121.50
R3433	LNER 4-4-0 'Claud Hamilton' D16/3 Class Locomotive	£104.50
R3434	SR 4-6-2 'Channel Packet' '21C1' Merchant Navy CI (Un-Rebuild)	£134.50
R3435	SR 4-6-2 'Royal Mail' '21C3' Merchant Navy Class (Un-Rebuild)	£134.50
R3436	BR 4-6-2 'Clan Line' '35028' Merchant Navy Class (Un-Rebuild) - Early BR	£134.50
R3441	LNER 4-6-2 'Sir Murrough Wilson' A4 Class Wartime Blk Loco	£119.50
R3443	NRM BR 4-6-2 'Flying Scotsman' 6103 A3 Class, Brunswick Grn	£149.50
R3444	BR 4-6-2 'Thomas Hardy' Britannia Class - Early BR	£119.50
R3445	BR 4-6-2 'Carnelford' 34032 West Country Class - BR Early Air Smoothed	£114.50
R3447	LNER 4-6-0 'Kilnerstone Hall' B17 Class Locomotive	£124.50
R3448	BR 4-6-0 'Welbeck Abbey' B17 Class - Early BR	£124.50
R3451	BR 4-6-0 'Stembok' 61032 Thompson B1 Class Locomotive	£137.50
R3453	BR 4-6-0 45274 'Black 5' Class SMT - Late BR	£114.50
R3454	GWR 4-6-0 'Dryslwyn Castle' 4073 Castle Class	£124.50
R3455	GWR 4-6-0 'Knight of St Patrick' 4013 4000 Star Class	£109.50
R3456	BR 4-6-0 'Sir Henry de Revel' N15 King Arthur Class	£119.50
R3457	SR 4-4-0 116 Class T9 Locomotive	£99.50
R3459TTS	BR Black (Early) Fowler Class 2P 4-4-0 Locomotive 40626 with TTS Sound	£99.50
R3460TTS	BR 0-6-0 Fowler 4F Class 41198 - Late BR with TTS Sound	£99.50
R3461	LNER Green 2-6-4T 67702 Thompson L1	£109.50
R3462	BR 2-8-0 '4287' 42xx Class - Late BR	£84.50
R3463	BR Black (Early) Class 52xx 2-8-0 Tank Locomotive 5231	£84.50
R3464	BR Black (Late) Class 72xx 2-8-2 Tank Locomotive 7224	£94.50
R3465	LNER 0-6-2T 4765 N2 Class Locomotive	£77.50
R3466	0-6-0ST J94 Class '22' United Steel Company Locomotive	£64.50
R3467	SE&CR 0-6-0T 751 A1X Terrier Locomotive	£62.50
R3471	NSE Co-Co Diesel Electric 'Indomitable' 50026 Class 50 Diesel	£129.50
R3478	FGW Western Region 'The Corps of Royal Electrical and Mechanical Engineers' Class 43 HST Pack	£189.50
R3479	Class 60 60066 Drax Diesel Locomotive	£134.50
R3485	0-6-0 'Laira Diesel Depot' Class 08 Diesel Shunter	£99.50
R3486	Co-Co Diesel 'DP World London Gateway' '66185' CI 66 Loco	£69.50
R3487	Co-Co Diesel 'James Nightingall GC' '66079' Class 66 Locomotive	£69.50
R3497	RailRoad BR 'D9016' Class 55 Diesel Electric	£49.50
R3500	The Sir Nigel Gresley Collection	£450.00

See our website for full Hornby 2016 range.

PRICE PROMISE

We guarantee the price of our forthcoming releases for Locomotives, coaches and wagons to be at least 10-25% less than the RRP at the time of release. We also offer large discounts on many of our railway accessory ranges.

We continually monitor our competitors to ensure that our prices are always competitive.

JUST LOOK FOR THE



BACHMANN

BACHMANN

FULL RANGE STOCKED AT BARGAIN PRICES

30-430	Capital Computer Train Set	£178.45
31-003A	Robinson Class 04 6184 LNER Black	£99.50
31-004A	Robinson Class 04 63762 BR Black Early Emblem Weathered	£89.50
31-119	BR Standard Class 4MT #75035 BR Black L/Crest - Weathered	£127.50
31-170	L&YR 2-4-2 Tank British Railways Lined Black Locomotive 50764	£93.45
31-187DS	Jubilee Class 'Kashmir' LMS Crimson (Welded Stanier tender) 4-6-0 Loco 5588 (DCC Sound)	£203.95
31-190	Jubilee Class 'Madras' Black BR Lined Blk (Riveted Stanier tender)	£140.20
31-204	Patriot Class 5330 'Sir Frank Ree' LMS Crimson	£131.50
31-214	Patriot Class 4-6-0 'Giggleswick' #45538 BR Green Early Emblem	£131.50
31-318A	Robinson Class J11 (GCR 9J) LNER Plain Black 5954	£118.95
31-321DS	Robinson Class J11 (GCR 9J) 64377 BR E/E DCC Snd & Wtdrd	£195.45
31-379	2EPB 2 Car EMU 5771 BR Green Small Yellow Panel	£175.50
31-380	2EPB 2 Car EMU 6262 BR Blue & Grey Network SouthEast	£186.96
31-426B	4 CEP 4 Car EMU 7122 BR (SR) Grn Sm Yellow Warning Panel	£224.50
31-427B	4 CEP 4 Car EMU 7106 BR Blue & Grey	£239.50
31-434	Midland Class 1F 41803 BRITISH RAILWAYS Black	£76.50
31-435	Midland Class 1F 41726 BR Black Early Emblem	£64.50
31-440	lvatt Class 2MT 2-6-2 Tank #41291 BR Lined Blk L/C (DCC only)	£103.50
31-441DC	lvatt Class 2MT 2-6-2 Tank #41291 BR Lined Blk L/C (DCC only)	£123.50
31-461A	C Class 0-6-0 1294 Southern Railway Black	£84.50
31-462A	C Class 0-6-0 31227 BR Black Early Emblem	£84.50
31-463A	G2A 9376 LMS Black with Tender Black Cab	£95.50
31-481	lvatt Class 2MT 2-6-2 Tank #41243 BR Lined Black Early Emblem	£107.50
31-528A	Class A2 60529 'Pearl Diver' BR Lined Green Late Crest	£135.95
31-531	Class A2 60536 'Trimbus' BR Lined Green Early Emblem	£135.95
31-614	Class V3 Tank #67609 BR Lined Black Late Crest Cranked Pipes	£103.50
31-615	Class V3 Tank #67690 BR Lined Black Early Emblem	£103.50
31-627B	Class 3F 3520 LMS Black Diesel Tender	£79.50
31-635A	Class 64xx GWR Green 0-6-0 Pannier Tank Locomotive 6424	£81.55
31-636A	Class 64xx BR Black Early Emblem 0-6-0 Pannier Tank 6422	£81.55
31-638	Class 64xx BR Lined Green L/C 0-6-0 Pannier Tank 6919 Wtdrd	£90.05
31-656	Class 47 47236 BR Green Full Yellow Ends (TOPS) Weathered	£99.50
31-661DS	Class 47 346 BR Duffell Livery Diesel Locomotive DCC SOUND	£203.95
31-662	Type A45 Electric #63095 BR Electric Blue Small Yellow Panel	£114.70
31-679	LMS Stanier Mogul Class #2955 LMS Lined Black	£127.46
31-728	GWR 3700 Class 3708 'Killarney' Great Western Green	£111.50
31-883	Midland Class 4F 3848 Midland Black Crest	£91.50
31-884	Midland Class 4F 4404 BR Late Crest Weathered	£99.50
32-034A	Class 20 20141 BR Green Full Yellow Ends Weathered	£91.95
32-038DS	Class 20 #20124 BR Blue Indicator Disks - Weathered - SOUND	£183.95
32-044	Class 20 #80028 BR Green Indicator Disks with Tablet Catcher	£87.95
32-045	Class 20 20118 'Saltburn-by-the-Sea' BR Railfrt Red Stripe	£87.95
32-067A	Class 43 'Warship' 'Powerful' BR Blue Diesel Locomotive D836	£127.45
32-068	Class 43 'Warship' 'Rapid' BR Mtn Fyell Ends Diesel Loco D838	£127.45
32-069	Class 43 'Warship' 'Roebuck' BR Green Diesel Locomotive D841	£127.45
32-085	Class 56XX #6639 BR Black Early Emblem	£71.95
32-089	Class 08 631 'Eagle' Network South East Diesel Shunter Loco	£79.50
32-115B	Class 08 08818 BR Blue Wasp Stripes Weathered	£87.50
32-119	Class 08 08907 DB Schenker	£79.50
32-120	Class 08 13287 BR Plain Green Early Emblem	£79.50
32-176	LMS Crab 42765 BR Lined Black Early Emblem	£123.21
32-178A	LMS Crab 13174 LMS Lined Black Welded Tender	£123.21
32-225	Fowler Class 3F 0-6-0 (Jinty) 47673 BR Black Late Crest Weatherd	£76.50
32-279A	K3 Class 1304 LNER Lined Black	£111.50
32-281	K3 Class 61862 BR Lined Black Early Emblem	£111.50
32-287A	Class 101 2 Car DMU BR Blue & Grey Weathered	£135.50
32-289	Class 101 BR Refurbished White & Blue 2 Car DMU	£169.96
32-290DS	Class 101 Network Southeast 2 Car DMU DCC SOUND	£229.46
32-331	Class 25/1 #25043 BR Green Full Yellow Ends - Weathered	£87.95
32-353	BR Standard Class 4MT 80135 BR Green (Preserved)	£103.50
32-359A	BR Standard Class 4MT Tank 80092 BR Black Early Emblem	£103.50
32-360A	BR Standard Class 4MT Tank 80104 BR Lined Black Late Crest	£103.50
32-376A	Class 37 422 'Robert F. Fairlie' Regional 'Ryres' Diesel Loco Wtdrd	£123.20
32-390	Class 37 37706 'Conidae' Railfrt Petroleum Sector	£103.50
32-482	Class 40 97407 'Aurore' L & B Departmental Weathered	£123.50
32-483	Class 40 D338 BR Green Split Head Code Small Yellow Panel	£111.50
32-484	Class 40 BR 40159 BR Blue Centre Head Code Full Yellow Ends	£111.50
32-560	Class A1 60117 BRITISH RAILWAYS Apple Green	£143.50
32-561	Class A1 60122 'Curlew' BR Express Blue Early Emblem	£143.50
32-575A	lvatt Class 4MT 3000 LMS Black	£107.50
32-580A	lvatt Class 4MT 43014 BR Late Crest Weathered	£119.50
32-680	Class 45 #45036 BR Blue Split Centre Head Code	£95.95
32-764	Class 57 305 'Northern Princess' Northern Belle Diesel Loco	£127.45
32-781B	Class 37 041 BR Blue Split Headcode Diesel Locomotive	£110.45
32-787	Class 37 284 BR Blue Centre Panel Headcode Diesel Locomotive	£110.45
32-788	Class 37 284 BR Blue Centre Panel Headcode Diesel Locomotive	£110.45
32-858	BR Standard Class 9F 92189 BR Black L/Crest 1F Tender Wtdrd	£140.21
32-880	Fairburn 2-6-4 Tank 2278 LMS Black Weathered	£103.95
32-881	Fairburn 2-6-4 Tank 42105 BR Lined Black E/Emblem Weathered	£110.46
32-882	Fairburn 2-6-4 Tank 42062 BR Lined Black Late Crest	£103.95
32-981	Class 66 66416 Freightliner Powerhaul	£119.50
32-982	Class 66 66434 DRS Plain Blue Compass	£119.50
32-991	Wickham Type 27 Trolley Car BR Paragon	£67.96
32-992	Wickham Type 27 Trolley Car BR Engineers Yellow	£67.96
32-993	Wickham Type 27 Trolley Car BR Engineers Yellow Wasp Stripes	£67.96

See our website for full 2016 range.

Colour coding:

No DCC

DCC READY

DCC Fitted/Sound

PLEASE NOTE:

All items currently in stock are despatched immediately.

Forthcoming releases will be despatched immediately upon release. If your order contains both current items and forthcoming releases then these will be despatched separately and subject to separate delivery charges.

GRAHAM FARISH

GRAHAM FARISH

FULL RANGE STOCKED AT BARGAIN PRICES

370-130	The Night Mail Train Set	£169.95
370-185	A Day at the Races Train Set	£161.45
370-425	Midland Pullman Train Pack	£339.99
370-430	Capital Connection Train Set	£178.45
371-023	Class 08 600 'Ivor' Network SouthEast Diesel Shunter	£75.95
371-024	Class 08 907 DB Schenker Diesel Shunter	£75.95
371-035	Class 20 Twin Pack Hunslet-Barclay	£178.07
371-036	Class 20 227 London Underground Diesel	£101.95
371-037	Class 20 205 BR Blue Diesel	£101.95
371-050C	Class 04 D2283 BR Green Warning Stripes	£76.46
371-051C	Class 04 D2295 BR Blue with Wasp Stripes Diesel Shunter	£71.50
371-054	Class 04 D2332 'Lloyd' NCB Yellow	£59.50
371-063	Class 03 D2383 BR Green Wasp Stripes Weathered	£80.71
371-064	Class 03 03170 BR Blue Wasp Stripes & Air Tanks Weathered	£75.95
371-166	Class 37/4 #37406 'The Saltire Society' Railfrt Distribution Sector	£97.50
371-167	Class 37/5 #37514 Railfrt Metal Sector Diesel Locomotive	£97.50
371-168	Class 37/5 #37506 'British Steel Skinninggrove' Railfrt Red Stripe Diesel Locomotive	£97.50
371-286	Class 55 'Kings Own Yorkshire Light Infantry' #D9002 BR Grn SYP	£97.50
371-329	Class 150/2 #150247 BR Sprinter - Weathered	£135.50
371-330	Class 150/1 #150128 First Great Western	£123.50
371-350A	Class 60 60035 EWS	£97.50
371-357	Class 60 60037 'Adam Smith' BR Coal Sector	£97.50
371-358	Class 60 60021 Colas	£97.50
371-383A	Class 66 66101 DB Schenker	£97.50
371-384A	Class 66 111 EWS Livery Diesel Locomotive	£103.65
371-396	Class 66 (Low Emission Variant) 'Interhub GB' #66731 GBRf	£97.50
371-397	Class 66 66434 DRS Plain Blue Compass	£97.50
371-504	N Scale Class 101 2 Car DMU BR Green	£135.50
371-505	N Scale Class 101 2 Car DMU BR Network SouthEast	£135.50
371-604	Class 42 'Warship' 'Onslaught' #D832 BR Green	£94.50
371-605	Class 42 'Warship' 'Cockade' #810 BR Blue Weathered	£99.50
371-656	Class 57 #57312 Network Rail Yellow	£97.50
371-876DS	Class 108 2 Car DMU BR Blue	£215.95
371-877A	Class 108 2 Car DMU BR Blue & Grey	£135.50
371-880	Class 108 2 Car DMU BR Green Small Yellow Panel	£135.50
371-985	Class 64xx 0-6-0 Pannier Tank #6407 GWR Green	£79.95

dapol DAPOL AT BARGAIN PRICES

N GAUGE OO GAUGE O GAUGE

GOLD STAR STOCKISTS
FULL RANGE STOCKED
 Call us or see our website for more details and bargain prices

ESU Loksound AT BARGAIN PRICES

V4,0 Steam Sound	Classes A4 Pacific, A1/A2 Pacific, A1 Pacific 'Tornado'	£94.50
Decoder with Speaker	GWR Pannier 57xx, GWR Manor 78xx, BR/LMS Mogul, 4MT Tank, Jubilee, BR/LMS Fairburn, Ivatt Class 4, 3F Jinty, Bulleid Pacific	
V4,0 Diesel Sound	Classes 03/08/20/24/25/31/37/40/43 HST/44/45	£94.50
Decoder with Speaker	47/50/52/55/57/66/67/108 DMU/158 Sprinter	
DCCSFFIT	Fitting service for all OO gauge Steam Classes	£25.00
DCCDFIT	Fitting service for all OO gauge Diesel Classes	£25.00
All sound decoders are available with either 8 or 21 pin connectors, several of the steam decoders are suitable for use in other locomotives. See our website for more details.		
50010	ECosBoost ext Booster 4A DCC/MOT/SX/mfx	£202.50
50011	ECosBoost ext Booster 8A DCC/MOT/SX/mfx	£379.50
50095	ECosDetector Extension Module - 32 outputs	£42.50
50200	ECosCommand Station (2nd Gen) 15-21V & Colour Touchpad	£507.50

DECODER FITTING SERVICES

DCCFIT6	DCC Decoder fitting service for N gauge 6 pin DCC Ready locomotives	£29.50
DCCFIT8	DCC Decoder fitting service for OO gauge 8 pin DCC Ready locomotives	£29.50
DCCFIT21	DCC Decoder fitting service for OO gauge 21 pin DCC Ready locomotives	£29.50

The charges for our fitting services are inclusive of the cost of the decoder which will either be a Hornby 4 or Bachmann 3 function decoder chosen at our discretion.

HELJAN HELJAN AT BARGAIN PRICES

OO GAUGE O GAUGE

FULL RANGE STOCKED
 Call us or see our website for more details and bargain prices

3522	Heljan 3522 Class 35 D7012 in plain green	£99.50
3523	Heljan 3523 Class 35 D7054 in green with small yellow warning panels	£99.50
3524	Heljan 3524 Class 35 D7076 in green with full yellow ends (preserved)	£99.50
3525	Heljan 3525 Class 35 7011 in blue with full yellow ends	£99.50
2590	Heljan 2590 Hunslet Class 05 BR Plain Green Unnumbered	£310.00
2591	Heljan 2591 Hunslet Class 05 BR Green with Wasp Stripes Unnumbered	£310.00
2592	Heljan 2592 Hunslet Class 05 BR Blue with Wasp Stripes Unnumbered	£310.00
2593	Heljan 2593 Hunslet Class 05 Industrial Yellow Livery Unnumbered	£310.00

dapol DAPOL AT BARGAIN PRICES

2D-001-000	Class 33/0 #33030 BR Blue	£108.50
2D-001-000D	Class 33/0 #33030 BR Blue - DCC Fitted	£130.50
2D-001-001	Class 33/0 #D6571 BR Green No Yellow Warning Panel	£108.50
2D-001-001D	Class 33/0 #D6571 BR Green No Yellow Warning Panel - DCC Fitted	£130.50
2D-001-003	Class 33/0 'Merlin' #33046 Engineers Grey/Yellow 'Dutch'	£108.50
2D-001-003D	Class 33/0 'Merlin' #33046 Engineers Grey/Yellow 'Dutch' - DCC Fitted	£130.50

PHONE/ORDER HOTLINE
(0114) 2551436
 Open 9:00am - 5:00pm
 24 Hr Answerphone service for orders



Gift Vouchers
 Why not treat someone to a RAILS OF SHEFFIELD Gift Voucher. Purchase by phone or through our website.

GAUGEMASTER GAUGEMASTER AT BARGAIN PRICES

DCC01	Prodigy Express Package	£119.95
DCC02	Prodigy Advance Package	£209.50
DCC03	Prodigy Advance 2 Wireless Starter Set	£359.50
DCC13	Prodigy Advance 2 Wireless Walkaround	£149.50
DCC14	Prodigy Advance 2 Backlit Walkaround	£106.50
DCC23	6 Pin N Gauge Plug-in Decoder	£21.00
DCC27	OMNI 21 & 8 Pin Decoder	£15.95
DCC30	Accessory Decoder	£50.00
DCC40	Auto Reverse Module	£34.00
DCC51	Prodigy Wireless Conversion Set	£199.50
DCC55	Prodigy Advance Wired Computer Interface Cable	£47.95
Model D	Twin Track Controller	£67.50
Model Q	Four Track Controller	£129.50
PM1	Point Motor with Accessory Switch	£3.99
PM2	Point Motor	£3.50
PM4	Point Motor Self Latching with Switch	£4.95
100M	Single Power Controller	£67.95

PECO PECO AT BARGAIN PRICES

FULL RANGE STOCKED
 All Gauges Track and Accessories
 Call us or see our website for more details and bargain prices

DJ MODELS AT BARGAIN PRICES

Advance Orders Now Being Taken for the new DJ Models Range
 Call us or see our website for more details and bargain prices

OOJ94-002	Class J94 0-6-0 Steam Loco #68061 BR original bunker height	£81.50
OOJ94-003	Class J94 0-6-0 Steam Loco #8064 LNER with original bunker height	£81.50
OOJ94-004	Class J94 0-6-0 Steam Loco #8023 LNER with original bunker height	£81.50
OOJ94-005	Class J94 0-6-0 Steam Loco #68068 BR with tall bunker	£81.50
N17-001	Class 17 Clayton BR Blue Diesel Loco D8574	£97.50
N17-002	Class 17 Clayton BR Blue Diesel Loco D8512	£97.50
N17-003	Class 17 Clayton BR Green with small yellow warning panel Diesel Loco D8555	£97.50
N17-004	Class 17 Clayton BR Green with small yellow warning panel Diesel Loco D8536	£97.50
N17-005	Class 17 Clayton BR Green with small yellow warning panel Diesel Loco D8501	£106.50
N17-006T	Class 17 Clayton Diesel Loco D8574 BR blue (powered) + D8583 BR blue (dummy) Twin Pack	£127.50
N17-007T	Diesel Loco D8616 BR green SYWP (powered) + D8561 BR green SYWP (dummy) Twin Pack	£127.50

RAILS ON EBAY

VISIT OUR **RAILS-SHEFFIELD EBAY STORE**
 SPECIALISING IN QUALITY NEW & SECOND-HAND MODEL TRAINS, DIECAST & OTHER RARE & HIGHLY SOUGHT-AFTER COLLECTIBLES

VISIT OUR **RAILS-VAULT EBAY STORE**
 SPECIALISING IN SECOND-HAND ACCESSORIES, DIECAST, RESTORATION PROJECTS, SCENICS & OTHER MISCELLANEOUS MODELS

ALSO STOCKED AT BARGAIN PRICES

In addition to full ranges from all the manufacturers featured here we also offer full ranges from:



and many more. If you can't find the product you are looking for on our website then please contact us and we can order it in for you. Check out our **ebay** stores to see what discontinued and rare items we have on offer and for your chance to pick up a second-hand bargain today.

Visit: <http://stores.ebay.co.uk/Rails-Of-Sheffield>
 Visit: <http://stores.ebay.co.uk/The-Rails-of-Sheffield-Vault>

MODEL RAILWAYS BUY - SELL - EXCHANGE ANY GAUGE ANY AGE TOP PRICES PAID

TELEPHONE/ORDER
HOTLINE

(0114) 2551436

Open 9:00 am - 5:00 pm
24 Hr Answerphone service for orders



RAILS OF SHEFFIELD

SHOP OPENING HOURS:

9:30 am - 5:00 pm

Monday - Saturday

Free parking outside the door!

WANTED

CASH OR PART EXCHANGE

We urgently require collections of any size featuring products from the following manufacturers:



We are always on the lookout for all types of kit built models including Pro-Scale, Nu-Cast, Golden Age Models, Silver Fox Models, Comet Models, David Andrews and Japanese/Korean Brass in addition to all manufacturers above.

Please do contact us if you are at all unsure as to whether we would be interested in your collection.

We value your used models very highly and will pay top prices for all items offered.

We provide a fast, professional and friendly service from our family run business.

Distance is no object and anything is considered.

Please telephone us on 01142 551436, email secondhand@railsofsheffield.com, fax us on 01142 555982 or post your lists to the address at the bottom of the page quoting reference RM2013, all enquiries answered.

Selling your model railways?

Warwick and Warwick have an expanding requirement for early to modern collections of British and Foreign trains and train sets from large accumulations to items of individual value. Our customer base is increasing dramatically and we need an ever larger supply of quality material to keep pace with demand. The market has never been stronger and if you are considering the sale of your collection, now is the time to act.



FREE VALUATIONS - We will provide a free, professional valuation of your collection, without obligation on your part to proceed. Either we will make you a fair, binding private treaty offer, or we will recommend inclusion of your property in our next public auction.

FREE TRANSPORTATION - We can arrange insured transportation of your collection to our Warwick offices completely free of charge. If you decline our offer, we ask you to cover the return carriage costs only.

FREE VISITS - Visits by our valuers are possible anywhere in the country or abroad, usually within 48 hours, in order to value larger collections. Please phone for details.

ADVISORY DAYS - We are staging a series of advisory days and will be visiting the following towns within the next few weeks: Redditch, Haywards Heath, Hemel Hempstead, Ross on Wye, Bury, Rotherham, Wareham, Radstock, Buxton, Wirral, Camborne, St. Austell, Llandudno, Wrexham, Kettering, Thetford, Spalding and Bridgnorth.

Please visit our website or telephone for further details.

EXCELLENT PRICES - Because of the strength of our customer base we are in a position to offer prices that we feel sure will exceed your expectations.

ACT NOW - Telephone or email Richard Beale today with details of your property.



Get the experts on your side!



Warwick & Warwick

AUCTIONEERS AND VALUERS
www.warwickandwarwick.com

Warwick & Warwick Ltd., Chalon House, Scar Bank,
Millers Road, Warwick CV34 5DB England

Tel: (01926) 499031 • Fax: (01926) 491906
Email: richard.beale@warwickandwarwick.com

A model artist

Using a combination of photography and digital manipulation, **ROBBIE MCGAVIN** recreates the days of steam in a unique way. Here he talks to Hornby Magazine Editor Mike Wild about his method and inspiration for these stunning images.

PHOTOGRAPHY, ROBBIE MCGAVIN.

ARTWORK can be extremely compelling and I can't be the only one won over by the inspirational imagery that covered the box fronts of Airfix kits in my younger days. That sense of drama and activity always shone through whether it was the box for a Spitfire or one for a 'Presflo' cement hopper.

Robbie McGavin's BR Steam Photos page on social media immediately caught my eye for the same reason along with the images' ability to capture the power

of steam locomotives in model form. But how did it all start for New Zealand based Robbie? "Who could not be impressed by the thunderous passing of a steam express train?" he asks: "It is this which inspires me - it has done so ever since I was a child - although for many years such things were supplanted by motorbikes, relationships, the need to make a living and other distractions. That wasn't before teenage years of photographing the last days of main line heavy steam here

in New Zealand in the 1960s, where I learned my photographic technique."

That honing of his photographic technique eventually led Robbie into a career as a press photographer in the 1970s. Robbie adds: "I was flexible, fit, fast on my motorbike, adept at difficult subjects and high-speed processing of film and my employers paid me well."

However, one day things didn't go to plan. "In 1974 my life changed forever when I crashed a Triumph Daytona for unknown »





A Stanier 'Princess' 4-6-2 tackles the West Coast Main Line in style at the head of a long rake of BR maroon Mk 1 stock.



The lure of steam is captured in this spectacular portrait of LMS Garratt 4978 at the head of a London bound coal train. The model is the Hatton's ready-to-run product created by Heljan, but set in a scene which belies its 4mm:1ft scaling.



Above: BR 'Britannia' 4-6-2 70030 *William Wordsworth*, a Hornby model, is captured at the platform end awaiting departure. Weathering, steam effects and more add up to a characterful portrait.

Bulleid 'West Country' 34107 *Blandford Forum*, a Hornby model, restarts a West of England Express from a signal check around 1959. With its heavy exhaust and steam from the drain cocks it captures the spirit of a 'live' locomotive.



The Crosti '9F' 2-10-0s, as modelled by Hornby, had a style all of their own through the side exhaust position. 92023 is seen on shed raising steam.



reasons, inattention probably. I hit a 6ft high fence at about 50mph and hardly a bone in my body was not broken. There were no witnesses, but fortunately a farmer found me, still alive. I don't remember that part. Miraculously I survived a long journey to a hospital and after two weeks and several arrests it was found I also had a broken back. Also I lost the use of my right arm through a large cerebral bleed. But I was alive."

CHILDHOOD INSPIRATION

That life changing event brought Robbie back to his childhood hobby. He remembers: "It started with Hornby 'O' gauge clockwork trains, then for years we had Hornby Dublo with *Duchess of Montrose*, then *Bristol Castle* making circuits of a front room floor, the lengths of three-rail track carefully added up to known distances, a stopwatch used, and speeds calculated. 60mph = 88ft/sec. Divide by 76 and hey presto! We also had an 'N2' 0-6-2T as well and after 1960 dabbled in two-rail. They were marvellous days."

Those memories are what drive Robbie to create his photographs. "Today my photography, or art if you prefer, gives great pleasure when it evokes childhood experience of seeing real steam locomotives - the huge weight, the whirring mechanical valve-gear, and the explosive exhaust of a steam engine."

Having dabbled with Marklin European outline layouts in the 1950s as well as spending time building ships, aircraft and many Kitmaster models, Robbie continued to develop his skills and interest in photography, but concedes that he never made it to see steam in service in Britain. "I had many exciting experiences travelling all around New Zealand behind heavy steam locomotives, sometimes on the cab, how exciting that was... I would have loved to travel to the UK, but steam finished there in 1968, most of the good stuff had gone by 1964; only the Waterloo-West of England line remained until 1967, at which time I was still at school, with little money. Later when I had the means to go, I chose to

buy a good British motorbike instead."

Fast forward to the early 2000s and in 2004 Robbie bought a Hornby 'Duchess' 4-6-2 finished as *City of Glasgow*. "I was amazed", Robbie gleams. "It was all but silent and I instantly set about building a fairly good tabletop layout and then I slowly began amassing a collection of 'OO' gauge ready-to-run models. Combined with reading magazines, my early years of imagination were re-ignited."

Fully immersed back into the hobby, Robbie then set out reviewing his large library of periodicals and books researching colour photographs through *Trains Illustrated*, *The Railway Magazine* and many more while also enjoying the writing of famous railway authors Cecil J Allen and O S Nock. "Life was rich, and now with the large number of superb, stunning models available, I also had a brilliantly-written world of British steam engineering in my head," Robbie contends.

Armed with all this information Robbie's passion for art and photography began to mix. The impression of a 'Princess Coronation' with 16 coaches powering unassisted over Shap in a storm was an image Robbie wanted to capture, but how could it be done? Simply seeing the models running around a layout, while fantastic, wasn't fulfilling the imagery that his artistic mind could create.

MODEL ART

There are a lot of well known photographers who inspire Robbie's passion for railway photography. He takes over: "For prototype photography I have huge admiration for Maurice Earley, W.J. Verden Anderson, Eric Treacy, Colin Gifford, George Heiron, David Shepherd and others; all of whom have affected my art and, like myself, had learned how to develop film, print on bromide, shade and mask, look for good locations, and use as many skills as possible to recreate for the observer the real atmosphere and detail of the subject."

He adds: "For model photography I greatly >>>





**Gresley 'A3' 4-6-2
60046 Diamond
Jubilee sprints
along the East
Coast main Line in
the early 1960s.**

**The famous Somerset and Dorset
route from Bath to Bournemouth
is one of the legends of the steam
era. Fowler '7F' 2-8-0 53809, a
Bachmann model, is pictured at
the head of a heavy mineral train
emerging from Devonshire tunnel.**





Tank engines provided excellent service on rural lines including the steeply graded Middlesbrough-Whitby route along the coast. An 'L1' 2-6-4T has charge of a short three coach set of non-corridor ex-LNER stock, all obtained from the Hornby portfolio.



admire the work of Mike Wild and Tony Wright, and although I am not privy to their exact methods, the results are brilliant. Photographing existing model railway layouts in situ must indeed be a challenge.”

Like many, Robbie started out with a 35mm film camera, a story that we can relate to easily. His first was an Agfa Clack followed by a 35mm Regula Sprinty B. Next came a Toyocaflex 6x6 and finally a 1936 Leica III with 50mm Summitar lens which he bought for the equivalent of £30 in 1969. Robbie adds: “I was told that camera had spent the war in Poland.”

Today it is a much more modern situation as Robbie makes use of digital technology to create the stunning final images that you see here. “At first I used an 8MP Canon camera, then a Canon SX120 12MP, then SX150 14MP, all these being quite cheap point-and-shoot compact cameras with zoom lenses. They are excellent for depth-of-field with their small sensors and are very robust. One was crushed by a large falling weight during the 2011 Christchurch earthquake. Its body was split open but incredibly it still took excellent photographs.”

In search of better sharpness and clarity Robbie has recently used a ‘half-frame’ Canon EOS-M with its standard 18-55mm zoom or a 2:1 adaptor and an EF 50mm Macro lens. This gives focal length choice of between 35 and 90mm in 35mm format terms, sufficient for most compositions. At longer focal lengths it will stop down to f32 giving impressive depth of field in a single shot. Room lighting with reflective panels and a reading lamp are the simple ingredients for getting the base shot lit with the camera on a suitable stable surface.”

But how do you get from a model to a model in an art piece? Robbie: “My method is, I suspect, less exact. I use a small diorama on a desktop which is angle-lit by natural light, supplemented by a tungsten reading lamp, various cardboard sheets for backdrop and/or reflected fill-in light - a sort of diorama in a three-sided box, with C&L bullhead

code 75 track supported on strip wood.

“With my camera and my editing of photographs, my love of railways comes alive. The technical research and the appreciation of beautiful models become one enjoyable whole. I strive to get the details right for a particular engine and era, but sometimes allow a little latitude, so long as the atmosphere is pleasing.”

The final working of the image is carried out in Paint Shop Pro 6 software, although Robbie is quick to point out that he is still honing and developing his techniques as he learns more about the software’s capabilities. “Now comes the tricky part,” Robbie continues. “I alter the original picture, sometimes massively. To me this is no different than in the old darkroom days, choosing different paper like Agfa Brovira Rapid or Portriga Rapid, masking and burning a print, using filters and other tricks, except that doing it with software it can always be undone. I change intensity and hue of colours, I change proportions, sharpness, and in what some find discomforting I simply copy and paste paint details, add or remove backgrounds, just so the result is pleasing to me.

“I know there is constant debate about the ethics and veracity of manipulated images, and if my pictures were presented as an exact record of a model they would not be suitable. For me they are a suspension of disbelief. I’ll leave others to untangle the rights and wrongs of it. Each to his own, resounds in my ears.”

Robbie’s aim is to evoke the sight, sound and smell of a 1960s steam locomotive, though he says the appearance of steam and smoke is not easy to paint, but he enjoys it equally. In that aim he is wholly successful, and long may he continue to revive and recreate the memories of the steam era. 

SEE MORE ONLINE

● To see more of Robbie McGavin’s stunning images visit:
www.facebook.com/brsteamphotos/

WITH ALL OF THESE STILL TO ARRIVE BEFORE CHRISTMAS, WHAT'S ON YOUR CHRISTMAS LIST?



JUST IN!

R1185
 Santa's Express
 Christmas Train Set
 £54.99
 AVAILABLE NOW



R3500 The Nigel Gresley Collection
 £549.99 - AVAILABLE NOW



R3398
 Lyme Regis Branch Line
 Train Pack
 £224.99
 AVAILABLE 19th DECEMBER

Avoid disappointment. Pre-order yours today!



R3405
 LNER J50 Class '585'
 £93.49 - AVAILABLE NOW



R3407
 BR J50 Class '68959'
 £93.49 - AVAILABLE NOW



R3406 BR (Late) J50 Class
 'Departmental' No. 14
 £93.49 - AVAILABLE NOW



R3466 United Steel Company
 J94 Class 0-6-0ST '22'
 £84.99 - AVAILABLE NOW



R3396TTS BR 'Franco Crosti Boiler'
 9F Class with TTS Sound
 £154.99 - AVAILABLE 19th DECEMBER



R3430
 LNER 4-6-0 Holden B12 Class
 £159.99 - AVAILABLE NOW



R3431
 BR (Early) 4-6-0 Holden B12
 Class £159.99 - AVAILABLE NOW



R3432 BR (Late) 4-6-0 Holden
 B12 Class
 £159.99 - AVAILABLE JANUARY 2017



R3471 LNSE Class 50 'Indomitable' No.
 50026 £170.49 - AVAILABLE NOW



R3479 Drax Class 60 No. 60066
 £175.99 - AVAILABLE NOW

TO SEE THESE AND THE REST OF THE HORNBY RANGE VISIT YOUR LOCAL MODEL SHOP

Dates shown are for guidance only and subject to change.

Visit www.hornby.com to locate our nearest Hornby stockist or call **01843 233525**

Opening Hours
10am - 5pm
Tuesday to Saturday
Closed Bank Holidays



Model Railways Direct Ltd

Retail Unit 2,
Phoenix Way
Portishead,
Bristol, BS20 7GP

Tel 01275 774 224

sales@modelrailwaysdirect.co.uk



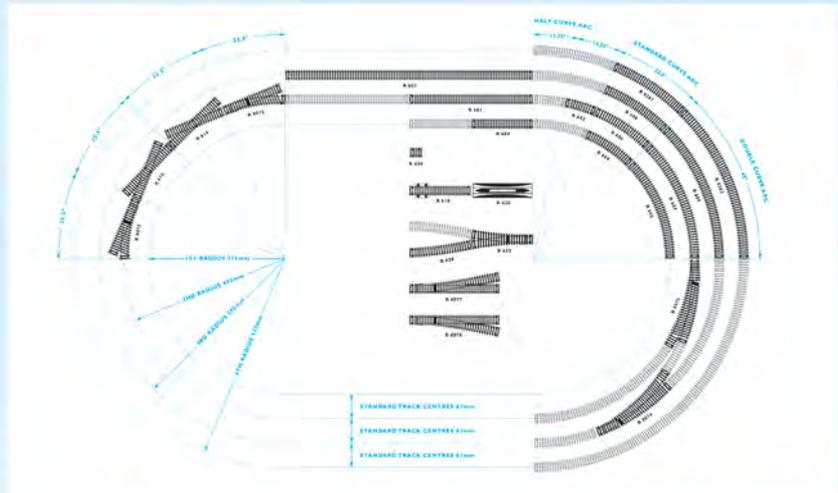
MODEL RAILWAYS DIRECT

www.modelrailwaysdirect.co.uk

OO GAUGE



Track & Accessories



Straight Track

R600	Standard Straight	£1.99	£1.60
R601	Double Straight	£2.49	£2.00
R603	Long Straight	£3.99	£3.20
R610	Short Straight	£1.49	£1.20
R618	Isolating Track	£8.99	£7.20
R620	Re-railer & Uncoupler	£5.99	£4.80



Power

R602	Power Connecting Clip	£2.49	£2.12
R8242	Digital Connecting Kit	£3.99	£3.40
R8201	Track Link Wire Pack	£6.99	£5.95
R8206	Power Track	£6.99	£5.60
R8241	Digital Power Track	£6.99	£5.60



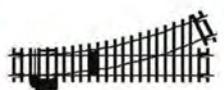
Curved Track

R604	1st Radius Curve	£2.49	£2.00
R605	1st Radius Double Curve	£2.99	£2.40
R606	2nd Radius Curve	£1.99	£1.60
R607	2nd Radius Double Curve	£2.99	£2.40
R643	2nd Radius Half Curve	£1.99	£1.60
R608	3rd Radius Curve	£2.49	£2.00
R609	3rd Radius Double Curve	£2.99	£2.40
R8261	4th Radius Curve	£2.49	£2.00
R8262	4th Radius Double Curve	£3.49	£2.80
R628	Curve for use with Y Point	£2.49	£2.00



Track Accessories

R207	Track Pins	£2.99	£2.40
R617	Uncoupling Ramp	£3.49	£2.80
R8087	Track Rubber	£2.45	£2.09
R8244	Uncoupler Unit	£3.49	£2.80
R910	Fishplates (12)	£2.99	£2.40
R920	Insulated Fishplates (12)	£1.99	£1.60



Points & Crossings

R8072	Left Hand Point	£10.99	£8.80
R8073	Right Hand Point	£10.99	£8.80
R8074	Left Hand Curved Point	£16.99	£13.60
R8075	Right Hand Curved Point	£16.99	£13.60
R8076	Y Point	£11.99	£9.60
R8077	Left Hand Express Point	£16.99	£13.60
R8078	Right Hand Express Point	£16.99	£13.60
R614	Left Hand Diamond Crossing	£12.49	£10.00
R615	Right Hand Diamond Crossing	£12.49	£10.00

Inclines

R658	Incline Piers	£14.99	£12.75
R659	High Level Piers	£8.99	£7.65
R660	Trackside Wall Set	£26.99	£22.95
R909	Elevated Track Support Set	£11.99	£9.60



Bridges & Viaducts

R180	3 Arch Viaduct	Sold out	
R189	Brick Bridge	£9.99	£8.00
R499	River Bridge	£18.99	£15.20
R657	Girder Bridge	£16.99	£13.60
R8008	Grand Suspension Bridge	Sold out	



Flexible Track

R621	Flexible Track	£3.99	£3.20
R8090	Semi-Flexible Track	£4.49	£3.60



Level Crossings

R636	Double Level Crossing	£25.99	£20.80
R645	Single Level Crossing	£16.99	£13.60
R8259	Automatic Level Crossing	£18.99	£15.20



Underlay

R626	Point Underlay Sheets (4)	£5.49	£4.40
R638	Underlay Roll (5m)	£13.99	£11.20



Hornby R8223
Track Extension Pack C
£22.40 ~~£27.99~~
You Save 20%



Accessories

R083	Buffer Stop	£2.49	£2.00
R394	Hydraulic Buffer Stop	£6.25	£5.32
R537	Trackside Fence	£8.50	£7.23
R574	Trackside Accessories	£15.45	£13.14



Hornby R8217
Hornby TrakMat
Does not include track, train or accessories
£13.60 ~~£16.99~~
You Save 20%



Hornby R8224
Track Extension Pack D
£36.00 ~~£44.99~~
You Save 20%



Signals

R169	Home Junction Signal	£14.99	£12.00
R170	Distant Junction Signal	£14.99	£12.00
R171	Home Single Signal	£10.99	£8.80
R172	Distant Single Signal	£10.99	£8.80
R406	Colour Light Signal	£27.99	£22.40



Hornby R8221
Track Extension Pack A
£13.60 ~~£16.99~~
You Save 20%



Hornby R8225
Track Extension Pack E
£16.00 ~~£19.99~~
You Save 20%



Turntable

R070	Electrically Operated Turntable	£84.99	£68.00
------	---------------------------------	--------	--------



Hornby R8222
Track Extension Pack B
£24.00 ~~£29.99~~
You Save 20%



Hornby R8226
Track Extension Pack F
£22.40 ~~£27.99~~
You Save 20%

EXPORTS VAT FREE

FOR DELIVERIES OUTSIDE THE EU WE WILL AUTOMATICALLY DEDUCT VAT (20%) AND CALCULATE POSTAGE CHARGES AT CHECKOUT.

Prices valid for 28 days from magazine publication date and are valid for pre-orders made on or before this date, all items are subject to availability. All items are in stock or on order at time of producing advertisement, payment (except PayPal) will not be taken until items are dispatched. We regret that we are not able to accept cheques. Prices shown include VAT at 20%. Errors excepted.



UK POSTAGE £3.99 (Flexible Track £7.95)

FAST, SECURE DELIVERY

Next Day delivery £7.95. Highlands, Islands are subject to a surcharge for large items and parcels over 1.8kg. Some oversize items may have to be shipped by courier. Postage charges are per shipment.



LIVE STOCK INFO

THE STANIER TANK

In this first of an occasional series of 'retrospective' looks at installing DCC, sound and other features to models of an earlier design ethos, **PAUL CHETTER** describes how he upgraded his Hornby Stanier 2-6-4T.



IN RECENT TIMES MANUFACTURERS HAVE been producing models which are easier to equip with Digital Command Control (DCC) sound. These are welcome developments which *Hornby Magazine* has been at the forefront in promoting.

I reflected recently that some of my once favourite models have remained in the stock drawer because they are without sound. This is largely because at the time of purchase, anything more advanced than a basic DCC decoder was simply too large to be accommodated or in some cases that there was no provision for adding digital control at all.

Tank engine models often have restricted amounts of free space, particularly in comparison with their tender coupled counterparts, but do have the advantage of being self-contained. This means that whatever can be fitted can be completely hidden.



Hornby's Stanier 2-6-4T locomotive is a modern, well detailed, DCC ready model introduced in 2008 (HM8) at a time when on-board sound was rare in UK outline models. It is time this versatile locomotive had an upgrade to bring it back into front line service again taking it from a box bound spare to a locomotive which has a deserved place on a layout roster.

The essential components for this are the DCC sound decoder and speaker. There has been considerable progress in reducing the size of each of these whilst retaining similar performance. Zimo now has three ranges of miniature sound decoders - MX658N18, MX648 and MX649. Each can be fitted into 'N' gauge models yet is fully featured and has up to six function outputs available.

Mobile telephone technology has spawned a plethora of small powerful speakers. The Zimo LS 11mm x 15mm x 9mm is an adaptation of a very flat 'driver' with a more regular shaped sound enclosure. I've used these extensively as they are particularly suited to the narrow boilers on UK locomotives.

For a simple sound installation it is possible to insert the speaker into the smokebox with wires connected to the MX648, insert the 8-pin plug into the model's DCC socket, coil the harness for compactness and tuck the decoder between the DCC connector and the gearbox housing. The model can be sound equipped in this way and working in matter of minutes - less than half an hour is easily achievable.

MAXIMISING FREE SPACE

With sound installation made more straightforward with the Zimo MX648 and cube speaker selected, would there be sufficient space to fit other features?

There is enough room between the motor and the boiler backhead to fit an LED for a firebox glow and exterior lighting can be fitted since the internal wiring takes up very little space. These extra features could also be added to the basic sound installation, though the wiring to the DCC socket would require augmentation.

The position of the fitted DCC socket and mountings prevent the installation of a smoke generator. If these were removed, however, and the decoder hardwired instead there would be sufficient height for a Seuthe No. 22 smoke unit. And so a plan evolved.

I removed the DCC socket from its mountings and disconnected the track pick-up and motor wires. After removing the plastic moulding with these mountings by removing the single retaining screw, it was clear that the cylinder mouldings were no longer firmly located. I trimmed off the mountings to leave a flat plate which when refitted stabilised the cylinders again. This still leaves adequate height to fit the smoke generator.

Left: Hornby's Stanier 2-6-4Ts were introduced before the widespread instigation of sound compatible locomotive design. However, with advances in decoder and speaker technology it is now possible to introduce a range of digital features to this fine locomotive.

Although the speaker would still fit in the smokebox in front of the Seuthe No. 22, the proximity of a potentially very hot object persuaded me to relocate the speaker between the generator and the decoder. There is a void formed between the speaker and boiler through which wiring from any accessories can pass to the decoder.

I bent the smoke unit wires so that they would pass through this void when connected. This requires great care, particularly the avoidance of multiple re-bending at the point the wires enter the unit to avoid irreparable damage. Once formed to the correct shape, I glued the wires in place to protect against further movement.

The Seuthe No. 22 smoke generator is recommended for plastic bodied models as it has an insulating rubber shroud. This does help but I prefer not to fix the unit to the chimney directly if possible to allow any air gap to provide both additional insulation and ventilation of heated air.

I pressed a small ball of mastic to the base of the unit and inserted the narrow end into the chimney from below. When assembled, this will allow the top of the unit to be pressed down flush with the top of the chimney and to be fixed to the chassis. The soft-hold nature means that any subsequent dismantling will not be hampered by the smoke unit.

ADDING LIGHTING

The position of the firebox doors was determined and a hole drilled through from inside the boiler to allow the firebox LED to shine through. I used an SMD LED cut from a strip. This is a very economical way to source LEDs but you must remember to use one with a resistor in circuit or to add a resistor if needed. The low profile and flat base make them easy to fix in place.

After this dry run, I prepared the working locomotive lamps from DCC Concepts. From experience, I know that there can be some light bleed from these units, especially from the base but also through the body. I plugged the base with a tiny spot of mastic (Blu Tack or similar would suffice) and painted the whole lamp in black paint to increase the opacity. When dry, a light coat of white will give a weathered appearance.

Fitting the lamps and their wiring was tackled first for ease in the tight spaces of the boiler. I used a 0.5mm drill bit held in a pin vice to create holes in the smokebox door and rear of the bunker, passed the wires through and fixed them in place with cyano adhesive.

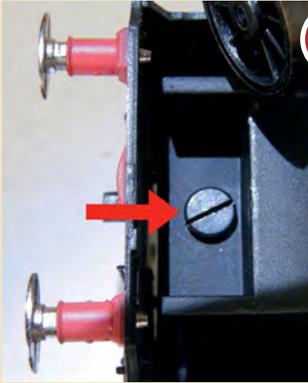
The speaker and firebox LED was then wired up and fitted in their respective places. All the relevant connections were made to the decoder which in turn was fixed to the roof of the boiler. I connected the track pick-up and motor wires, leaving just enough slack to facilitate body re-fitting and any subsequent removal.

The Stanier 2-6-4T is just one of a number of locomotives which have been sitting idle waiting for their turn in the digital sound queue. This installation has brought new life to this detailed passenger tank and means that it is no longer kept in its box. [Hornby](#)

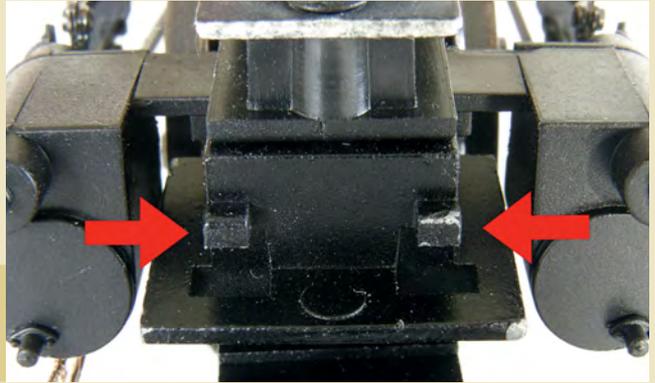
WHAT WE USED

Product	Supplier	Price
Zimo MX648R sound decoder	www.digitrains.co.uk	£99.00
Zimo 15mm x 10mm x 9mm cube speaker	www.digitrains.co.uk	£8.50

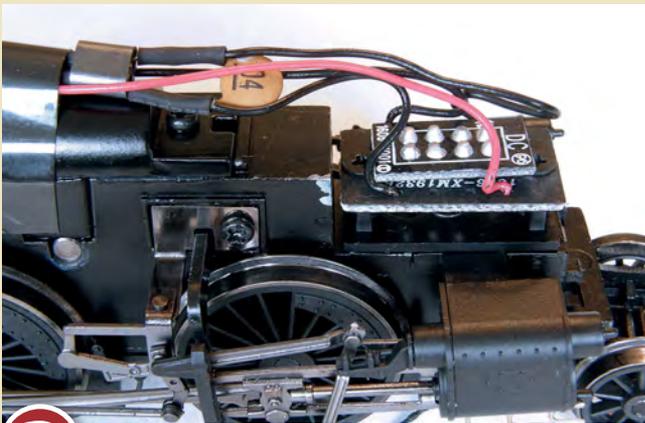
STEP BY STEP INSTALLING DCC SOUND, LIGHTS AND SMOKE IN A HORNBY STANIER 2-6-4T



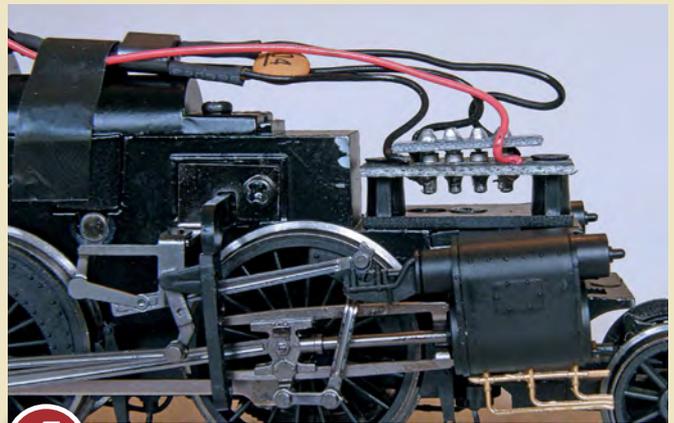
1 The difficulty level is graduated so that you can decide how much is within your capabilities. Steps 1 to 6 show straightforward decoder and speaker fitting; Steps 7 to 17 show lighting features added whilst retaining the DCC socket and Step 18 onwards show how to gain the additional space required for a smoke generator. The body can be removed from the chassis by first removing this retaining screw.



2 The rear of the body can then be lifted upwards in an arc, then moved forwards a few millimetres to disengage it from the forward lugs on the chassis.



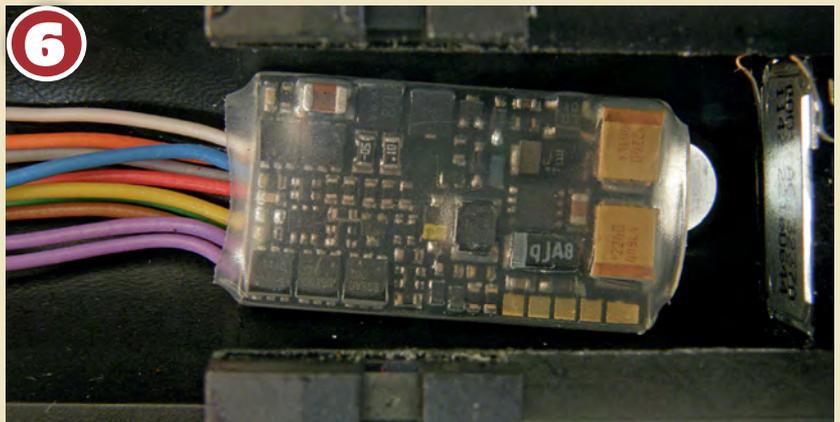
3 The model is DCC ready and here is the 8-pin DCC socket. It is positioned at the front of the locomotive inside the smokebox.



4 Seen from the side, the amount of space taken by the socket and its mounting can be seen.



The low profile cube speaker fits easily into the smokebox.



This leaves ample space for the MX648R to sit in the roof of the boiler. There is sufficient clearance for the body to fit without fouling.



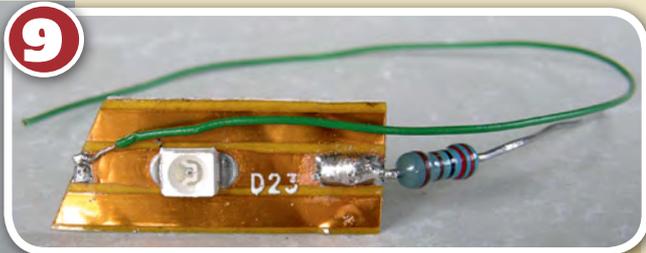
7 An LED can be easily added. When linked to the sound of coal shovelling, a flickering firebox feature produces a pleasing effect far in excess of the cost of parts or the time to install. The decoder has this lighting effect on board, so it is as shame not to use it. From the boiler I drilled a hole through the firebox doors large enough to allow an amber LED to be fitted.

TIP

Research is an important step in creating a successful digital sound project, especially where space is limited. Test fit components in different places before committing to a final arrangement.

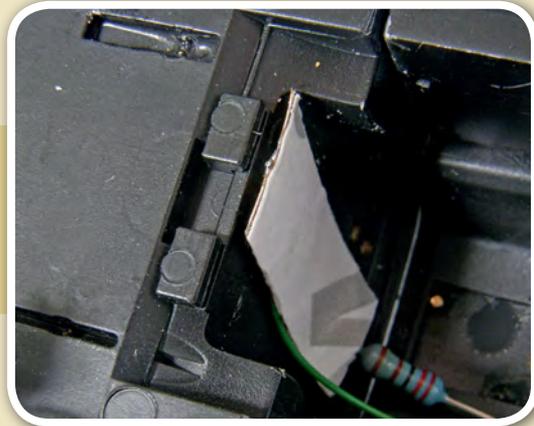


If you use LEDs regularly, rolls of 100 pre-connected LEDs are an economical way to buy them. The interconnecting copper traces make them convenient to use. Normally they have a Surface Mount Device (SMD) resistor for every three LEDs. The strips can be cut with scissors to isolate single LEDs. Make sure that there is a resistor in series with any LED used, either the fitted SMD resistor (arrowed in red) or by adding one if necessary, as shown on the right.

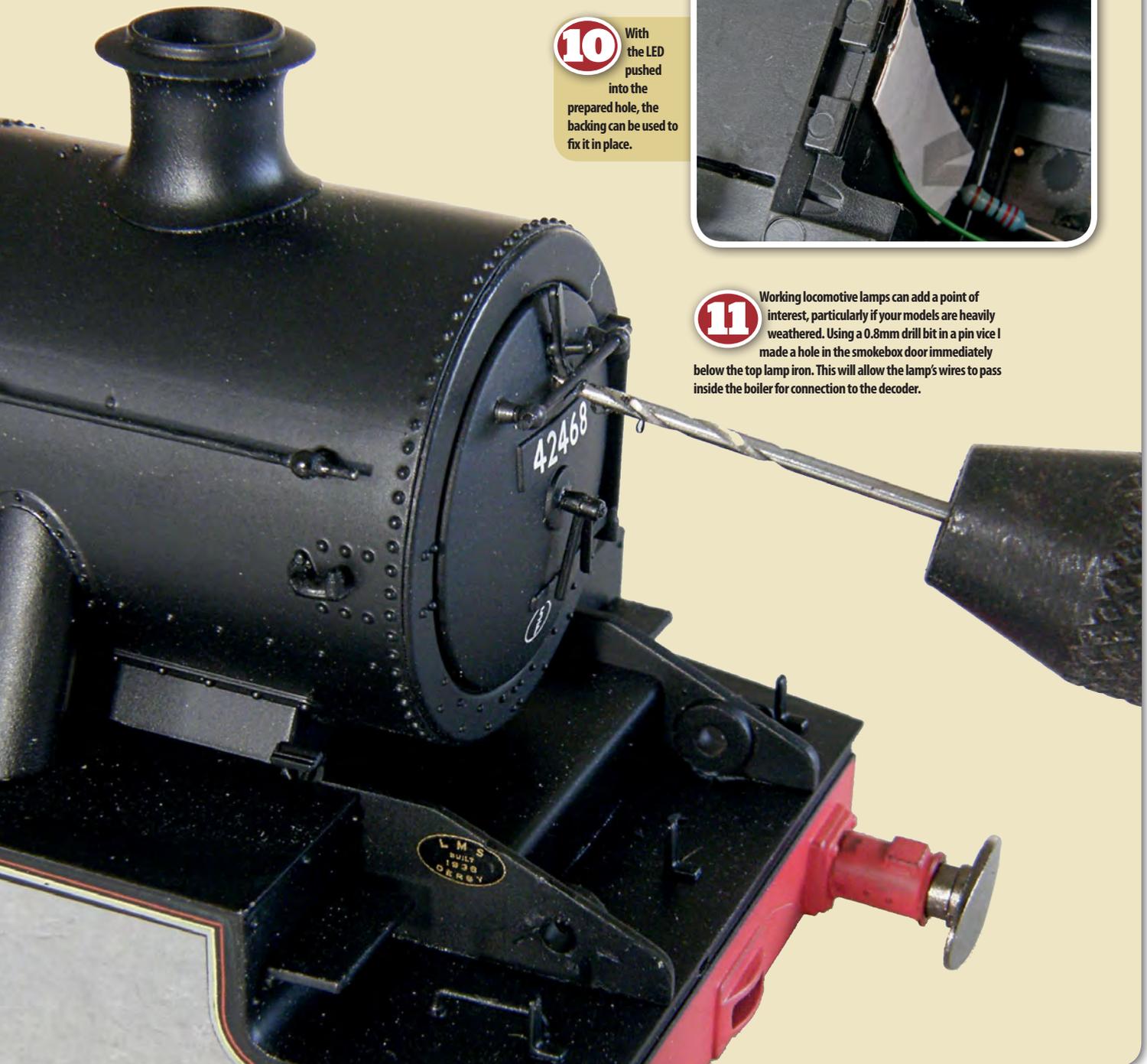


Add a wire to the negative side of the LED to connect with the green wire from the decoder (Function Output 1). In my steam sound projects for Zimo decoders (available through Digitrains), F01 is assigned to Firebox Flicker by default, making further setting up unnecessary.

10 With the LED pushed into the prepared hole, the backing can be used to fix it in place.



11 Working locomotive lamps can add a point of interest, particularly if your models are heavily weathered. Using a 0.8mm drill bit in a pin vice I made a hole in the smokebox door immediately below the top lamp iron. This will allow the lamp's wires to pass inside the boiler for connection to the decoder.



STEP BY STEP INSTALLING DCC SOUND, LIGHTS AND SMOKE IN A HORNBY STANIER 2-6-4T



12

The position of the handrail requires the wires to first be passed behind the rail from the top, before being looped back and through the hole.



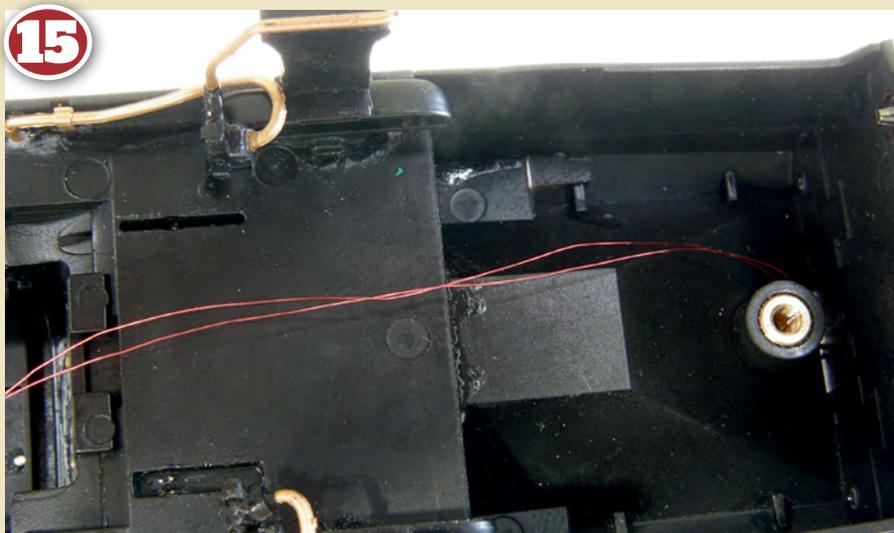
13

Carefully pull the wires through inside the boiler until all the slack is taken up and the lamp can be fixed to the iron with a drop of cyano adhesive. Touching up with matt black paint may be required to hide the wires in plain sight.



14

These locomotives often ran bunker first so I added a working lamp at the rear too. A hole was drilled below the top lamp iron with a 0.8mm drill bit for the wires.



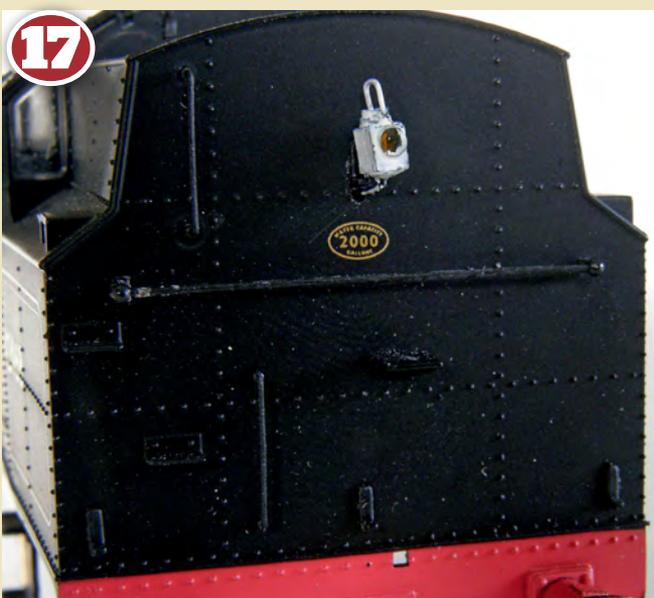
15

The rear lamp wires exit above the inner bunker wall so a second hole was created for the wires to pass downwards to the body's interior. This creates a tight 90 degree bend so be careful when pulling the wires through to take up the slack.



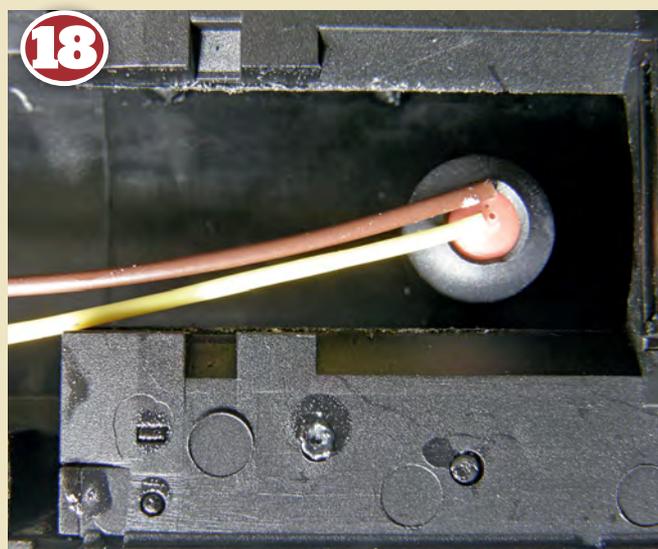
16

Only a small portion of the lamp wires are exposed. These will be hidden when the coal load is replaced in the bunker, but a coat of black paint will provide effective camouflage if the supplied coal load is not used.



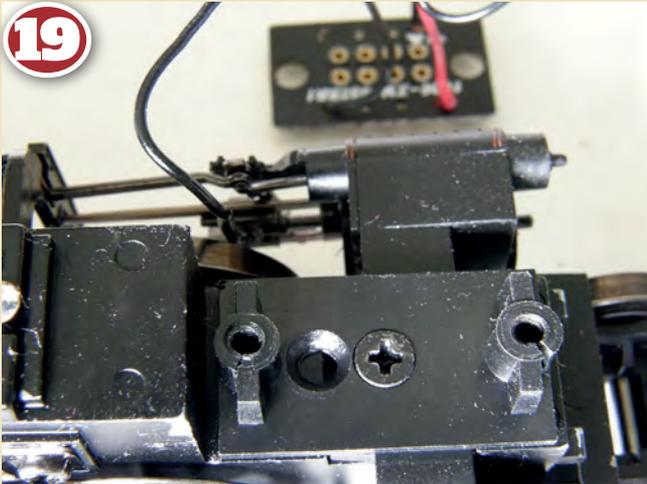
17

As before, the lamp can then be fixed to the lamp iron and any tidying work needed can be undertaken.

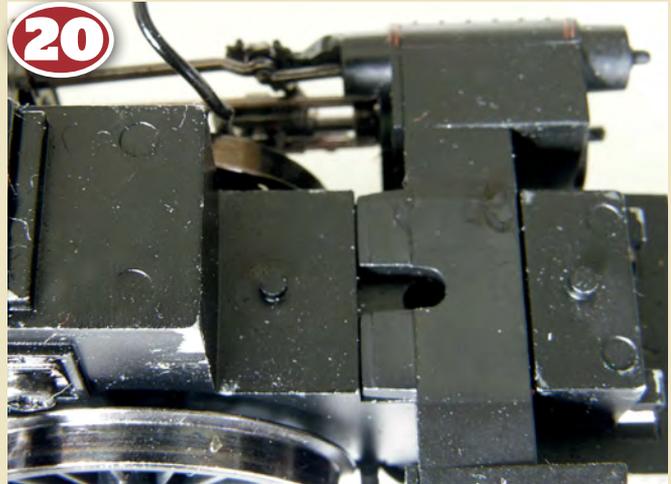


18

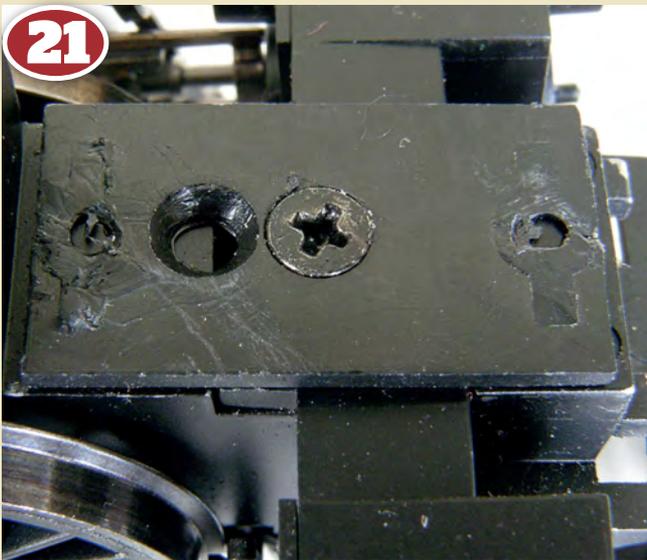
By making a few changes to the internal fittings of the Stanier 2-6-4T more features are possible. First I test-fitted a Seuthe No. 22 smoke generator to decide if enough height could be gained to allow a permanent fit.



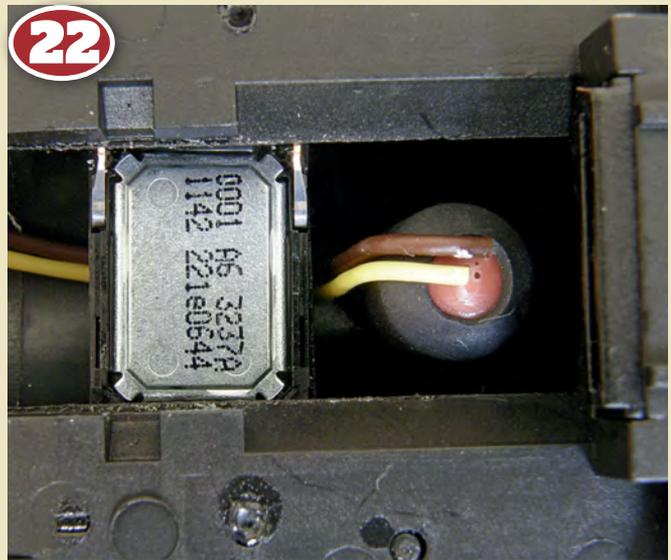
19 If the DCC socket was removed then it would be possible. The decoder would need to be hardwired. I disconnected track and motor wires, released the two retaining screws and removed the PCB and socket creating a large increase in space.



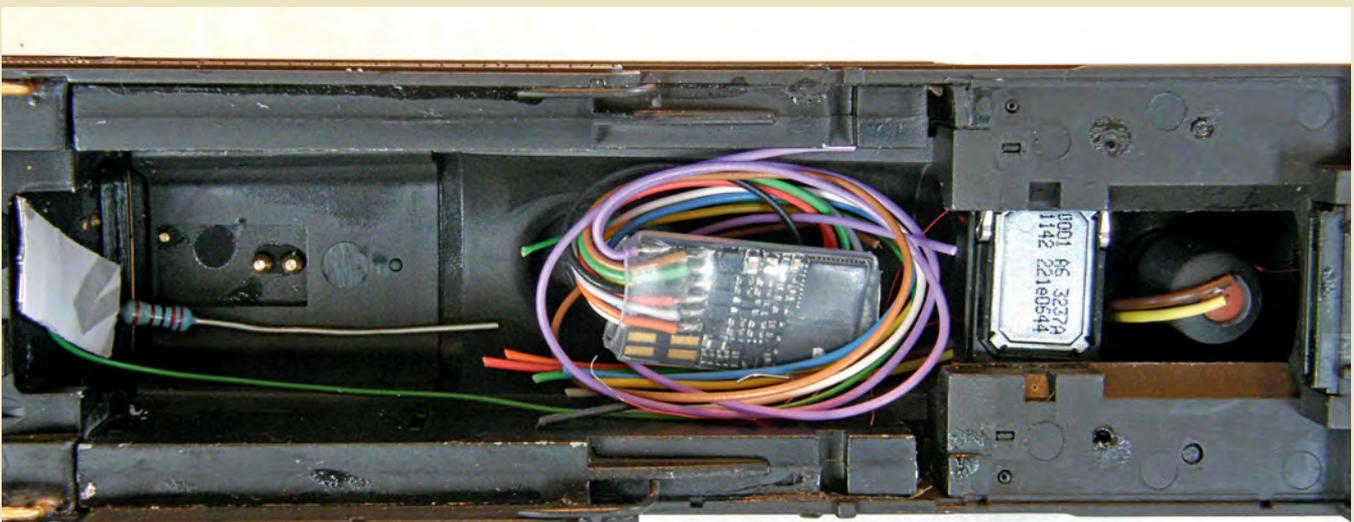
20 The PCB supporting pillars, part of a plastic moulding, also compromised the available space so I removed the single retaining screw and removed the moulding. It was clear that the moulding also served to firmly locate the cylinders.



21 I trimmed off the pillars from the moulding. When replaced and screwed down, the cylinder mouldings were stabilised. Sufficient height remains for the fitment of the Seuthe unit.



22 In a dry run, I relocated the speaker from the front of the smokebox to leave a greater gap between it and the smoke generator.



23 All the internal components, including the decoder, can be seen in their final positions before all were wired together. A final dry run confirmed my calculation that the body would fit comfortably in place.

HORNBY

magazine

Your favourite magazine is also available digitally.
DOWNLOAD THE APP NOW FOR FREE.



FREE APP
 with sample issue
 IN APP ISSUES £2.99

SUBSCRIBE & SAVE

Monthly £2.49
 6 issues £15.99
 12 issues £28.99

SEARCH: Hornby Magazine

Read on your



iPhone & iPad



Android



PC & Mac



kindle fire



Blackberry



Windows 10

ALSO
 AVAILABLE FOR
 DOWNLOAD



SEARCH
 AIRFIX MODEL WORLD

FREE APP
 with sample issue
 IN APP ISSUES £3.99



SEARCH
 RAILWAYS ILLUSTRATED

FREE APP
 with sample issue
 IN APP ISSUES £3.99

FREE Specials App



IN APP ISSUES
£3.99

Simply download to purchase digital versions of your favourite aviation specials in one handy place! Once you have the app, you will be able to download new, out of print or archive specials for less than the cover price!

How it Works.

Simply download the Hornby Magazine app and receive your sample issue completely free. Once you have the app, you will be able to download new or back issues (from December 2010 onwards) for less than newsstand price or, alternatively, subscribe to save even more!

Don't forget to register for your Pocketmags account. This will protect your purchase in the event of a damaged or lost device. It will also allow you to view your purchases on multiple platforms.



SEARCH:
 Aviation Specials

Available on PC, Mac, Blackberry and Windows 10 from



www.classicrail.co.uk

New & Second Hand Railway Centre in Sussex

WANTED Locomotives & rolling stock of all types single items or job lots layouts dismantled cash paid		
<p>Where are we ??? 32a High St Ticehurst E Sussex TN5 7AS Tel 01580 200400 www.classicrail.co.uk open Tuesday to Saturday 10.30 — 5.0</p> <p>Postage £4.00 Loco box £7.95 train setpack box Items not new unless otherwise stated</p>		



DCC Supplies

Excellence in model control

E-Mail: info@dccsupplies.com Website: www.dccsupplies.com
Telephone: 0845 224 1601 OR 01905 621 999

- We take the time to find the product for you.
- Our own range of innovative products.
- We stock everything you will need.
- DCC installations for any gauge.
- Expert friendly customer support.
- Informative DCC workshops.
- Teaching you the facts since 2006.
- Visit us at our shop and try the demo facilities.

Shop Opening Times:
Mon - Wed 10am - 6pm
Thursday 12pm - 6pm
Friday 10am - 5pm
Saturday 10am - 4pm
Visitors Welcome.

Phone Opening Times:
Mon - Thurs 10am - 6pm
Friday 10am - 5pm

The Complete Digital Service

Find us on: **facebook.**

@DCCSupplies

Unit 17A, Top Barn Business Centre, Holt Heath, Worcestershire, WR6 6NH

MAIL ORDER ADDRESS
DEPT HM1
39 HIGH STREET
CHELTENHAM
GL50 1DX

Shop Open 9am to 5.30pm
Monday - Saturday
Telephone Order Lines
01242 523117 • 01242 234644
Fax 01242 226050
E-mail Address: sales@cheltenhammodelcentre.co.uk

www.cheltenhammodelcentre.co.uk

PECO

NEW STATIC GRASS AVAILABLE NOW

PSG-1 PRO GRASS MICRO APPLICATOR	£42.50	PSG-406 4MM DEAD 20G	£2.55
PSG-10 STATIC GRASS BASING GLUE 500G	£8.95	PSG-407 4MM PASTURE GRASS 20G	£2.55
PSG-11 LAYERING SPRAY 400ML	£8.95	PSG-408 4MM STRAW 20G	£2.55
PSG-201 2MM SPRING 30G	£2.99	PSG-411 4MM GOLDEN WHEAT 20G	£2.55
PSG-202 2MM SUMMER 30G	£2.99	PSG-421 4MM SPRING 100G	£8.95
PSG-203 2MM AUTUMN 30G	£2.99	PSG-422 4MM SUMMER 100G	£8.95
PSG-204 2MM WINTER 230G	£2.99	PSG-601 6MM SPRING 20G	£2.99
PSG-205 2MM PATCHY 30G	£2.99	PSG-602 6MM SUMMER 20G	£2.99
PSG-206 2MM DEAD 30G	£2.99	PSG-603 6MM AUTUMN 20G	£2.99
PSG-221 2MM SPRING 100G	£7.70	PSG-608 6MM STRAW 20G	£2.99
PSG-222 2MM SUMMER 100G	£7.70	PSG-609 6MM HAY FIELD 20G	£2.99
PSG-223 2MM AUTUMN 100G	£7.70	PSG-610 6MM WILD MEADOW 20G	£2.99
PSG-401 4MM SPRING 20G	£2.55	PSG-50 4MM SELF-ADH GRASS TUFTS	
PSG-402 4MM SUMMER 20G	£2.55	ASSTD X 100	£3.80
PSG-403 4MM AUTUMN 20G	£2.55	PSG-51 4MM SELF-ADH GRASS TUFTS	
PSG-404 4MM WINTER 20G	£2.55	FLOWERS X 100	£4.10
PSG-405 4MM PATCHY 20G	£2.55	PSG-52 4MM SELF-ADH SANDY TUFTS X 100	£4.10

OO TRACK CLEANING

B800	MOTORISED TRACK CLEANING WAGON	£62.05
B803	TRACK CLEANER ACCESSORY PACK	£12.00
B804	TRACK CLEANING PADS (FOR USE WITH B800)	£6.15
B805	TRACK CLEANING FLUID	£8.40

Ready Cut Card Kits

NEW ITEMS ADDED TO THE EVER-GROWING RANGE
FULL RANGE ON-LINE

OO GAUGE		
PO415	00/HO SCALE NISSAN HUT	£6.45
PO279	LOW RELIEF DEPARTMENT STORE	£11.90
PO320	00/HO MAINLINE STATION BOOKING HALL	£19.99
PO341	00/HO WALL BACKED PLATFORM CANOPY	£13.99
M0058	00/HO SEMI CUT STONEWORK B1 STYLE	£5.05
N GAUGE		
PN137	COUNTRY STATION N GAUGE	£10.20
PN179	LOW RELIEF DEPARTMENT STORE N SCALE	£10.20
PN815	NISSAN HUT N SCALE	£4.99
ACCESSORIES		
MT907	ULTRA FINE GLUE APPLICATOR BOTTLES 3 EMPTY BOTTLES PER PACK	£3.75
	DELUXE MATERIALS - DL57 - ROKET CARD GLUE 50ML	£3.75

PECO CMC EXCLUSIVE WAGONS N GAUGE

NRP-909 - Limited Edition
VEA Van Railfreight
Distribution Livery £9.15

RP-910 - Ltd Edition ZQV
"Frodingham Packing Van"
Departmental Red £9.95

NRP-911 - Limited Edition
Heavy Lifting Equipment
Van £9.95

NRP-912 - Limited Edition
12 Ton Van Departmental
Red DE45523 £8.75

ELECTRICS

PM10	SEEP CLASSIC SOLENOID POINT MOTOR	£6.00
BPPM10	CLASSIC SOLENOID POINT MOTOR PACK OF 5	£25.45
PM10D	SEEP DIGITAL SOLENOID POINT MOTOR	£17.00
PM20	SURFACE MOUNTED POINT MOTOR	£8.50
PM20D	SEEP SURFACE MOUNTED DIGITAL POINT MOTOR	£21.99
GM661	GM SOLDER STATION	£28.99

Postage box: UK Standard Postage Rates £4.00 per order(except Sundaala Boards), Registered 24hr delivery (Mon-Fri)U.K. mainland only £7.00. Worldwide postage at cost. Post Codes IM, BT, PH, PA, PO, KW, IV will incur extra postage - please enquire. PLEASE WRITE CLEARLY. Vat Free sale to non EC.

Payment may be made by phone using MasterCard, Barclaycard, Visa or Switch.

Caxton Gibbet



Industrial modeller **JEFF WETHERELL** opted for a complete change with this Cambridgeshire branch line layout, based on his memories of serving in the Royal Air Force.

PHOTOGRAPHY, MIKE BISSET



STATISTICS

Owner:	Jeff Wetherell
Scale:	'OO'
Length:	16ft 6in
Width:	21in
Track:	Peco code 75
Control:	Analogue
Period:	East Anglia, 1950s

1 Right: The Gibbet public house is built from a modified Wills kit.

2 Left inset: The station porter gets a rude awakening when he feels an umbrella prodding his ribs.

3 Below: An Ivatt '2MT' 2-6-2T simmers at the station with the push-pull working.



JEFF WETHERELL from Forres in the north of Scotland is well known for his highly detailed and evocative 'OO' gauge exhibition layouts depicting industrial scenes with the associated dirt, grime and dereliction.

He openly admits to not being a great fan of the 'pretty' country branch line type of model railway.

So, for him, the building of Caxton Gibbet was quite a departure from his normal comfort zone. Jeff is a member of the RAF Kinloss Model Railway Club and has had a long association with the Royal Air Force. Caxton Gibbet is simply an exercise in nostalgia and reflects happy memories of his time with 42 Squadron and its Nimrod aircraft based in Cambridgeshire.

The setting for this 'OO' gauge model is an idyllic branch which was intended to run from Cambridge to St Neots, but during the building, the cash ran out and so the line terminated at the village of Caxton Gibbet.

Not surprisingly, the line never carried the traffic that was originally anticipated and in latter days, passenger services were reduced to a one-coach push-pull train. Freight traffic, too, was limited and comprised mainly agricultural goods and some coal.

CONSTRUCTION

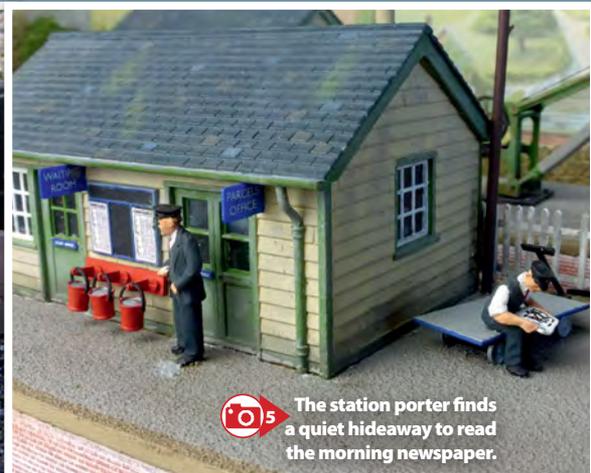
The layout is built on four baseboards, all 21in wide. Three are 4ft long, and the fourth is slightly longer at 4ft 6in. They have been built with plywood tops on a traditional softwood timber frame. A storage yard at the left end from the viewing side has a sliding sector plate with eleven tracks of sufficient length to accommodate any of the trains running along the branch.

Trackwork throughout is Peco Code 75. However, to improve the appearance of the track, a number of the sleepers have been cut from the web below the rail, and the remaining sleepers spaced out to give a more prototypical look.

The turnouts are also Peco and are »



4 The coal yard at Caxton Gibbet complete with guard dog.



5 The station porter finds a quiet hideaway to read the morning newspaper.

operated by Seep solenoid motors. Track ballasting has been carried out with Woodlands Scenics fine grey ballast, fixed in place by diluted PVA glue from an eye dropper.

The buildings on Caxton Gibbet comprise a mixture of scratchbuilt, kit built and proprietary such as Skaledale. The station building is a modified Wills kit, while the engine shed and water tower are scratchbuilt using Wills embossed plastic sheets. Other scratchbuilt items include the Empire Builders building and the coal yard office. Modified kits have been utilised to create the timber yard, the pub, the crossing keeper's hut and the provender store. The road overbridge at the left-hand end of the layout has been built with plywood, faced with Slaters embossed brick plastic sheet.

INTRODUCING DETAIL

Numerous figures help to bring the layout to life. These have been carefully placed so that each appears to have a purpose. Most are white metal examples from Monty's Models and have been carefully painted in matt colours. The numerous trees on

this countryside scene have been produced using mainly Woodlands Scenics materials.

Along the length of the layout, close scrutiny will reveal a wealth of extra detail, such as the fire buckets on the station building, barrows and other items on the platform, wooden planking to cover the broken window of the coal office, the dog lying outside the same office, the herons at the pond, and the engineer working at the top of the telegraph pole.

Jeff has also managed to inject some touches of humour. There's the little old lady prodding the station porter with her umbrella to wake him up, another porter hiding at the side of the station building to read his paper and, in the naming of the builders, some tongue-in-cheek references to a 42 Squadron officer.

Caxton Gibbet is certainly one of those layouts which benefits from close study. The more you look, the more you will see. >>

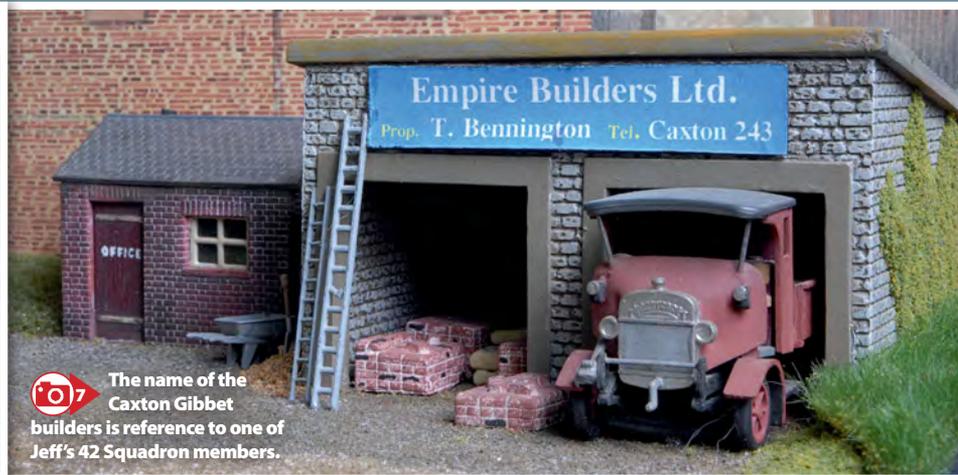


Repairs are carried out on Caxton Gibbet's telegraph poles.





6 Road works take place on the overbridge at the Cambridge end of Caxton Gibbet.



7 The name of the Caxton Gibbet builders is reference to one of Jeff's 42 Squadron members.



8 A Hunslet built 'J94' 0-6-0ST ambles towards the terminus with a short rake of coal wagons.

OPERATIONAL POTENTIAL

Although Caxton Gibbet's track layout is relatively simple, it does provide sufficient operational potential to keep the crew well occupied, and to maintain the interest of the viewing public at exhibitions. Most of the passenger services are provided by a push-pull locomotive and coach, but occasionally there is a normal train where the locomotive has to be detached, run round the passing loop and attached to the other end ready for the return trip. There can also be some interesting shunting movements into the timber yard and the sidings by the provender store.

The locomotive fleet reflects the variety of small motive power which could be found on East of England branches. Both London Midland & Scottish Railway (LMS) and London and North Eastern Railway (LNER) examples make appearances, including Ivatt 2-6-2Ts and Fairburn 2-6-4Ts and LNER 'V3' 2-6-2Ts. An Ivatt '4MT' 2-6-0 also makes an appearance. Most of these models are by Bachmann. A Dapol 'Austerity' 0-6-0ST is another regular and resides in the diminutive engine shed when not on goods duties. The attractive push-pull coach is kit built, while most of the other passenger and goods stock is a mix of kits and ready-to-run.

The RAF Kinloss club, of which Jeff is a member, used to meet at premises at the base, but following the withdrawal of the RAF from Kinloss, those premises have been lost. The club, however, carries on with layouts being stored at members' homes.

When any one layout is being exhibited, it is under the banner of RAF Kinloss MRC and operated by club members. Due to the remote location of the club, attending exhibitions, especially in England, can be a logistical nightmare: after all, even to reach the border can be a six-hour drive!

Caxton Gibbet is now six years old and has certainly proved its appeal on the exhibition trail, and Jeff is hoping to show it for many years to come.



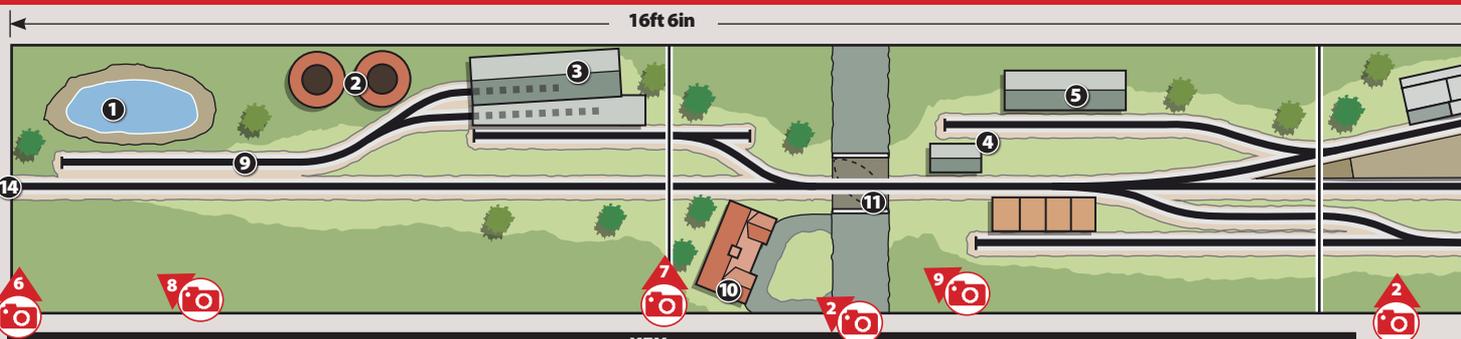
to reach the border can be a six-hour drive!



 A Gresley 'V3' 2-6-2T coasts across the level crossing on the approach to Caxton Gibbet.

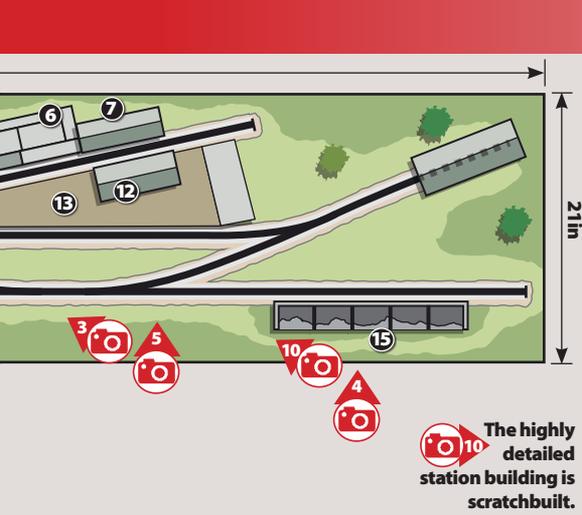
Left: The local police officer mops his brow after his ride in the summer heat.

CAXTON GIBBET TRACK DIAGRAM (Not to scale)

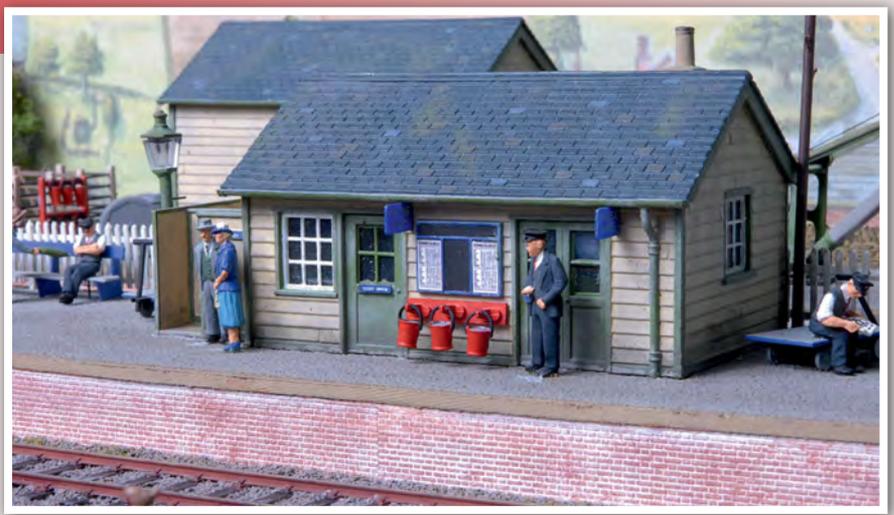


KEY

- | | | | | |
|---------------|----------------|---------------------|--------------------|-------------------|
| ① Clay pit | ④ Signal cabin | ⑦ Goods shed | ⑩ Public house | ⑬ Platform |
| ② Brick kilns | ⑤ Feed store | ⑧ Engine shed | ⑪ Level crossing | ⑭ To storage yard |
| ③ Brick plant | ⑥ Cattle dock | ⑨ Narrow gauge line | ⑫ Station building | ⑮ Coal cells |



10 The highly detailed station building is scratchbuilt.

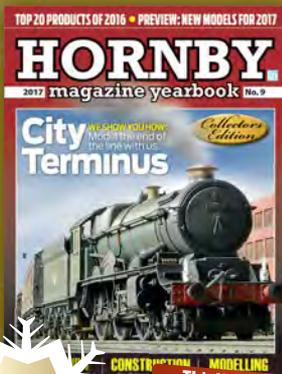


MAIL ORDER



FOR MORE GREAT GIFT IDEAS THIS CHRISTMAS - VISIT www.keypublishing.com/shop

Hornby Magazine Yearbook No.9



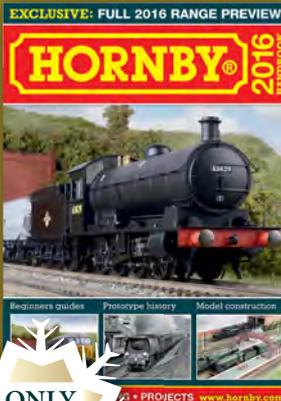
In this ninth edition of the Hornby Magazine Yearbook the new project layout introduces a variety of skills from making use of overseas buildings to detailing stations, locomotives and more. It features the latest layout build from the Hornby Magazine team to create a 1960s Western Region style city terminus with full digital command control, working signals and more. Add to that quality photography, in depth step by step guides, inspirational favourite layouts and evocative black and white prototype images, and this Yearbook is a must-have addition for modellers of all ages and skill levels. **128 pages, Hardback.**

ONLY
£17.99

This Yearbook is also available as a softback bookazine for just **£6.99!** Visit website or call to order

Code: B502

Hornby Handbook 2016



New for 2016 is the first Hornby Handbook. Bringing together full details on Hornby's 2016 range together with practical guides to railway modelling this new 140 page special is a great way to start out in railway modelling. Inside the new models from Hornby are listed in full together with detailed histories of the new locomotives. Alongside this are step by step guides to building baseboards, making a station, a tunnel, locomotive detailing and much more. **140 pages, Softback.**

ONLY
£7.99

Code: SPECHHB

Great Layouts - Hornby Magazine



Model railway layouts are at heart of the hobby and this first volume of Hornby Magazine Great Layouts brings together 25 of the best from the pages of Hornby Magazine. Fully illustrated with the very best in model photography and featuring detailed track plans. **132 pages, special bookazine.**

ONLY
£6.99

Code: SPECLAY

Hornby - Getting Started DVD



This feature-packed DVD contains the basic information you need to start building a model railway and it shows Bay Street and Dalby Wood. Illustrating key decisions for building your own layout, such as track plans, rolling stock, scales and gauges, control systems and buildings. **Region 2 DVD, Running time 100 minutes**

ONLY
£14.49

Code: DVD613

The Flying Scotsman - The Legend Returns DVD



This programme tells the whole story of Flying Scotsman, from its earliest days, through its decline and eventual salvation in the 1970s, to this year's re-birth and restoration to public gaze in its famous Brunswick Green livery. We will re-trace the Scotsman's journey, frequently featuring a then-and-now approach as it steams through the decades. **Region-free DVD, Running time 56 minutes.**

ONLY
£14.49

Code: DVD790

Hornby Magazine Weathering Guide - Vol.2

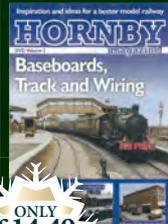


Delve into the world of weathering with a second volume offering more than 20 hands-on projects, advice for getting started, a buyer's guide for airbrushes, essential maintenance. This 132-page special magazine covers all the tips and techniques you will need to develop your own weathered models in scale from 'N' to 'O' gauge and including a wide range of subjects from both steam and diesel eras. **100 pages, magazine special.**

ONLY
£6.99

Code: SPECWG

Hornby - Baseboards, Tracklaying and Wiring DVD

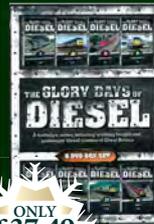


The second volume of the Hornby Magazine DVD. In this informative and entertaining programme we look at the various stages of building a model railway, from the construction of the baseboards to the running of the first trains. This DVD will guide you through the various aspects of building a railway in miniature. **Region 2 DVD, Running time 80 minutes**

ONLY
£14.49

Code: DVD614

The Glory Days of Diesel (8 DVD) Box Set



This 8-part series celebrates the workhorse of the modern railway in a series which moves around Britain region-by-region, each DVD concentrating on the diesel heritage of a different area. Throughout the series, footage highlights the glorious sights and sounds of diesels at work. **Region 2 DVD, Running time 464 minutes.**

ONLY
£37.49

Code: DVD621

Gas Lamps 4mm scale - 3 pack



Three lamps and extension posts, LEDs and LED control circuit board
GLGWR3 - GWR/Western brown
GLLMR3 - LMS/London maroon,
GLSR3 - SR/Southern green,
GLPL3 - Plain black - unpainted

ONLY
£31.95

RRP **£39.95**



Wagon load kits - N Gauge and OO Gauge

Each kit includes four sheets of A5 material for wagon load boards, two glue applicators and full instructions and will provide enough load for up to 30 wagons (N gauge) or 15 wagons (OO gauge).

Price **£13.99**

N Gauge

- MOD19 - Ballast Limestone (pristine)
- MOD20 - Steam Coal
- MOD21 - Iron Ore
- MOD22 - Limestone
- MOD24 - Variety pack (Limestone, coal, iron ore)

OO Gauge

- MOD14 - Ballast Limestone (pristine)
- MOD15 - Steam Coal
- MOD16 - Modern image coal
- MOD17 - Iron Ore
- MOD18 - Limestone
- MOD23 - Variety pack (Limestone, coal, iron ore)

For more great gift ideas visit us at: www.keypublishing.com/shop

Class 08

DIESEL SHUNTERS

*The Class 08 diesel shunters are amongst the most successful locomotives ever to run on Britain's railways – yet they are often ignored by enthusiasts and modellers. **EVAN GREEN-HUGHES** argues this is a situation which should change.*

Class 08 08839 leaves Bodmin General for Bodmin Road with brake van and a single clay wagon from Wenford Bridge in March 1974. Short formation trip freights like this were common duties for Class 08s on rural lines.

John Vaughan/
Railphotoprints.co.uk



WHETHER your layout is set in the last flowering of steam or in any of the periods covering the half a century that

followed one class of locomotive that can rightfully be included in your collection is the English Electric Class 08 shunter. These box-like six-wheeled machines have tackled every duty from marshalling yards to station pilots and in the process have carried more liveries than almost any other class that has ever existed. Their rugged simplicity has seen them through the jet age, the space race and the invention of computers, their usefulness dating from a time when the mobile phone existed only in science fiction and when Britain was still a major world power with a huge Empire.

The Class 08 shunter, or the '350' as railwaymen prefer to call it after the horsepower of its engine, has managed to outlive all the other Modernisation Plan shunter designs by a handsome margin, and even today there are a handful left on the main line as well as a considerable number at work daily on our heritage lines, industrial sidings and private sites all over the country.

The origin of this successful design goes back to the 1930s when railway managers were becoming increasingly alarmed about the costs involved in shunting trains. By its very nature, shunting work was sporadic and in many yards locomotives were not required for



The powerful traction motors of the Class 08 meant that they were regularly used for empty stock movements at large stations. 08844 shunts stock at Exeter St Davids on September 15 1984. Railphotoprints.co.uk

more than a few hours of each day.

Steam locomotives were quite capable of doing the task but had to be retained in steam even when not in use and this in turn meant that drivers and firemen had to be provided for them. In addition, most yards were remote from engine sheds and this meant that shunting engines often had to make unnecessary journeys when coal or water was required or when maintenance and inspections had to be carried out.

It was realised that costs might be reduced by the adoption of diesel traction which could be switched on and off at will and be manned by a single person. However, up to that stage it had not proved

possible to provide a sufficiently powerful locomotive that could take over a standard railway shunting duty, of the type that was usually carried out by an 0-6-0T of one sort or another. Also of concern was the type of transmission used to take the power from the engine to the wheels; at that time diesel trains usually were fitted with mechanical gearboxes but this was not ideal for shunting and also had limitations if used with powerful engines.

LMS ORIGINS

In 1944 the London Midland & Scottish Railway (LMS) and the English Electric Company came up with what was to become the definitive design. This was a 49-ton locomotive fitted with a slow-revving 350hp engine which drove a generator which in turn provided current for traction motors fitted on the axles.

This was an instant success and in 1952 it was adopted with a few changes as British Railways' new standard heavy shunter. Over the following 10 years 1,193, including variations, were constructed making it the largest single class ever to be used in the UK.

Since construction many have been modified to undertake specific tasks. Some of those supplied to the Southern Region were re-gearred so that they could run at 25mph (these were known as Class 09s), many were later fitted with train air brake equipment, pairs were coupled together for hump yard use (known as Class 13s), reduced height models were made and those used on heavy freight work were fitted with American-style knuckle couplers. Despite this, their traditional shunting work declined as the freight business contracted and as a result withdrawals started as early as 1967, with many more taken out of service during the 1980s and 1990s. By 2008, there were only 40 still at work on the main line but today there are still more than 100 in existence on the main line, in heritage and in industry.

The '08' wasn't the only type of shunter that British Railways bought though. Many other designs were purchased but most fell by the wayside during the 1970s with only the Class 08/09 staying in service beyond the end of the 1980s, when the last Class 03s were taken out of use. >>>



Hemmed in by the walls of surrounding factories, 08643 heads along the Avonside Wharf branch on May 13 1984. [John Chalcraft/Railphotoprints.co.uk](http://JohnChalcraft/Railphotoprints.co.uk)

A VERSATILE MACHINE

In Britain there have always been three types of shunting, these being heavy, light and trip. Heavy shunting took place at major freight yards and this was where trains were split and remarshalled for their onward journeys. There was also heavy shunting to be undertaken at carriage sidings where rakes of coaches needed to be moved around for servicing and washing and at stations where empty coaches had to be removed from trains or platforms or attached to incoming trains.

Light shunting took place at smaller yards where trains were shorter, or involved the movement of a few wagons or coaches at stations and yards that did not handle longer trains, while trip shunting was where a goods train called at local yards as part of its journey and in the process dropped off or picked up wagons.

The Beeching closures of the 1960s removed much of the light shunting work as most of the smaller yards closed down, while trip shunting work was also vastly reduced by the closure of most local goods yards. The work that was left proved ideal for the Class 08.

Despite its compact length of only 29ft and modest horsepower, the Class 08 packs quite a punch. In a marshalling



The short length of the Class 08 played well in many situations including at depots where they could shunt with wagons onto turntables. 08643 ticks over on the St Blazey turntable on June 25 1979.

John Chalcraft/Railphotoprints.co.uk.

yard a single shunter can move loads of more than 1,000tons, although stopping such a lengthy train would involve connecting continuous brakes. In the 1960s, the class was a favourite for propelling long strings of wagons over the humps of the mechanised marshalling yards and once the railway moved over to the 'block train' method of working the engines proved themselves eminently

capable of working with the new stock.

This ability to move heavy loads meant that when employed in carriage sidings, complete rakes of coaches could also be moved around with ease. However one drawback was that the design was limited to a top speed of only 15mph and this severely limited its usefulness away from the yard or the depot. Consequently the Southern Region had a batch constructed



which was geared for 25mph running and these machines could often be seen out on the main line, particularly working empty stock. So useful were these that batches of 08s were later converted to run at higher speed in the 1990s.

In the first couple of decades the class also found work on pick-up freights, especially on duties where speeds were modest and there were frequent stops for shunting. Branch line freights often were covered by a Class 08, particularly in the years when passenger services had been abandoned and the lines were worked as long sidings. In that period the rake of wagons with a brake van at each end and an '08' on the front came to typify secondary freight workings. The class was also used at the dockside, but this tended to be where heavy loads were anticipated, such as at Newport where there was a constant flow of coal traffic from the Valleys.

The Class 08 soon also became the traction of choice for main works and larger locomotive depots and indeed there are several still in use today at locations such as Doncaster and Wolverton where their ability to handle heavy loads, which are often unbraked, has proved invaluable. For the same reason, the class has taken up the same work at heritage railways where reliable



Five Class 08s surround Barrow Hill roundhouse's turntable on May 11 1985. They are 08485, 08172, 08266, 08208 and 08141. Gordon Edgar/Railphotoprints.co.uk.

traction is required to move steam engines around sheds and maintenance areas.

Due to their low top speed, the class has rarely been allocated any passenger work but there have been occasions when one has been pressed into action due to breakdowns. So rare has passenger work been that enthusiasts will travel miles to obtain haulage by one, some even travelling to stations where the class was

used to move one portion of a train onto another, and where the haulage could be measured in feet rather than miles!

The 'high-speed' variant - Class 09 - on the other hand did occasionally find use on passenger trains in an emergency, with workings between Clapham Junction and Kensington Olympia being recorded in the 1980s, amongst others. Of course, in preservation where speeds are much lower, Class 08s find frequent passenger use – although their lack of train heating mitigates against this in winter.

With a trip freight of oil and coal, 08921 rumbles past Sutton Bridge Junction, Shrewsbury, in July 1985.

Brian Robbins/Railphotoprints.co.uk.



SIMPLE DESIGN, LONG LIFE

What is the reason for the '08s' longevity? The principal reason is that it is a simple design which is heavy and powerful enough to move most of the trains which could be found in any station or yard. Most of the other shunters constructed in the 1960s were lighter and had a more limited haulage capacity and were less versatile. In addition, the '08' employed electric transmission rather than mechanical, which made it easier to drive with precision and with less fatigue for the drivers. Mechanically, the English Electric engine proved very reliable and easy to maintain, so much so that those variants fitted with power plants from other suppliers were the first to go, while the electric transmission was also very reliable, even when used in harsh environments.

There has been much talk over recent years of the construction of a replacement for the Class 08s that are left, but so far no one has been able to produce a better design economically, which perhaps underlines the excellence of what was first produced almost 65 years ago. These days too, where no diesel shunter is available, the train engines often perform the shunting, although doing so with a Class 66 diesel is certainly less wieldy than their smaller and older counterparts.

The Class 08 is a worthy feature of any layout and can rightfully be employed in almost any situation from a goods yard to a passenger station, on any type of train from pick-up goods to passengers and in any period from the days of the Beatles to Brexit. It is highly unlikely there will ever be a diesel locomotive so long-lived and successful again. [Huma](#)

STAFF PROJECTS

CUBISM

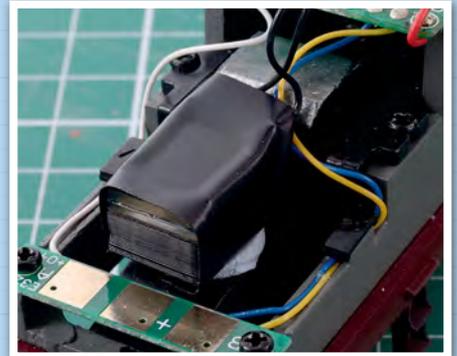
Simple changes can sometimes make a big difference. **MIKE WILD** went through the locomotive fleet for the new Yearbook project layout ahead of its debut at the Warley show, achieving impressive results with a simple change of speaker.

IT'S amazing how a small change can make such a big difference. In the run-up to the Warley National Model Railway Exhibition I began a process I had been meaning to tackle for a long time – upgrading the speakers in a number of earlier sound fitted models to improve their audio performance.

Many of the locomotives which operate on the new Western Region layout Grosvenor Square were originally converted to digital sound for St Stephens Road. That was the best part of four years ago now and in that time my abilities for installing sound and the equipment available have changed greatly – and no more so than

in the design and performance of speakers.

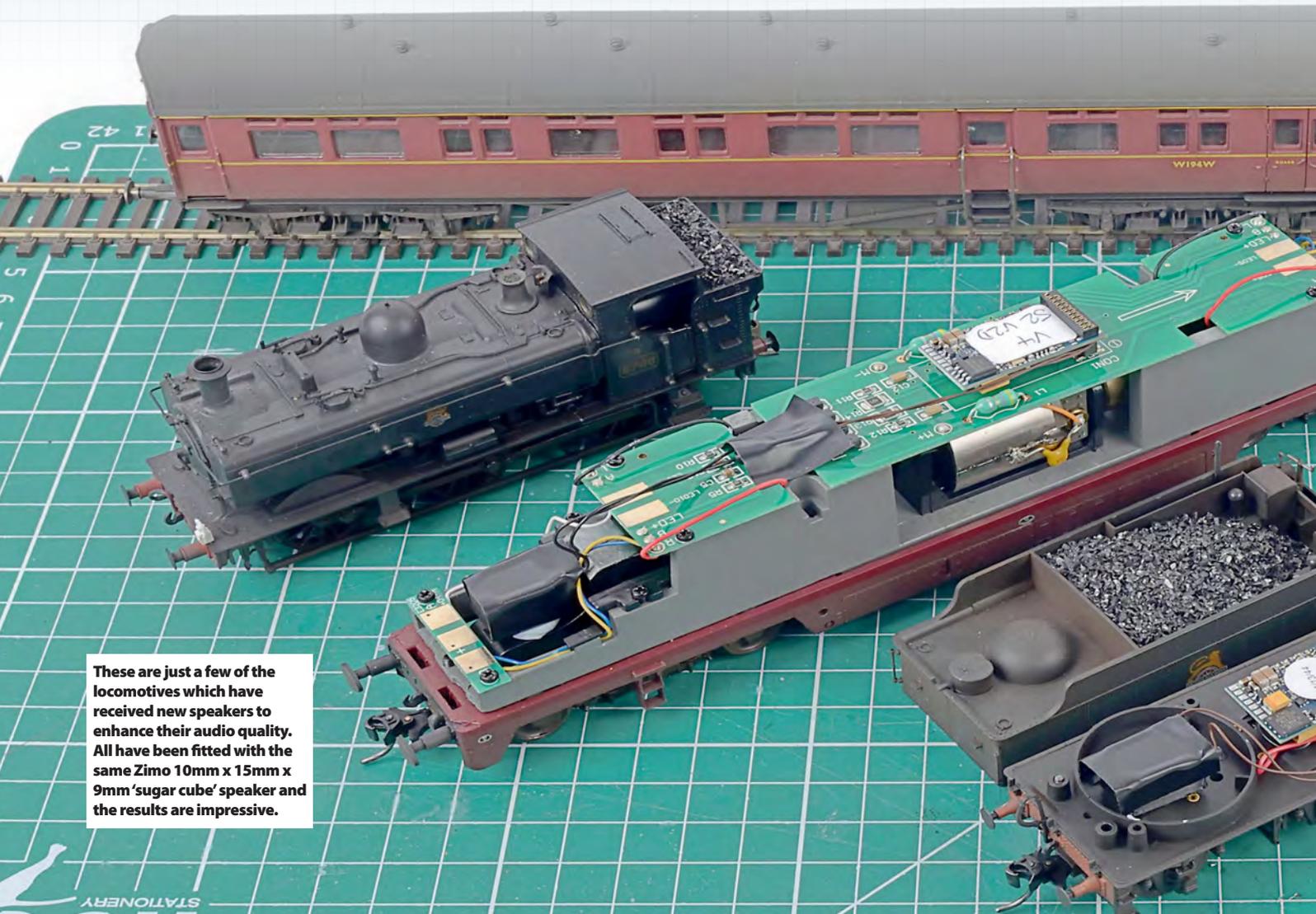
Many of the locomotives I was targeting for upgrades were fitted with ESU sound decoders and while there was nothing technically wrong with them, a test with a Bachmann '57XX' using a Zimo 'sugar cube' connected to its ESU LokSound V4.0 decoder in place of the original speaker showed just how much definition was being lost from the sound file due to the original speaker design. So, I had long planned that I would replace as many of the ESU 23mm round and 20mm x 16mm speakers in the other engines, but as usual the plan had gone on the back burner.



Such is the flexibility of the 'sugar cube' design that in the case of this Bachmann Class 42 'Warship' (which has very limited space for a speaker) I have been able to mount it on top of the trailing bogie without it interfering with the model's operation on track.

THE TIME IS NOW

Fast-forward to early November and I decided to go through each of the locomotives that I was planning to take to the NEC with Grosvenor Square to ensure they passed muster. Much of this was based around changing the couplings from tension locks to Kadee magnetic uncouplers to allow hands-free operation in the terminus,



These are just a few of the locomotives which have received new speakers to enhance their audio quality. All have been fitted with the same Zimo 10mm x 15mm x 9mm 'sugar cube' speaker and the results are impressive.

The *Hornby Magazine* team is always busy behind the scenes. This is what they've been up to.



MIKE WILD
This month it has been all hands on deck to get the new layout ready for its debut at the NEC in Birmingham. Saws, screws, paint brushes and late nights at the ready...

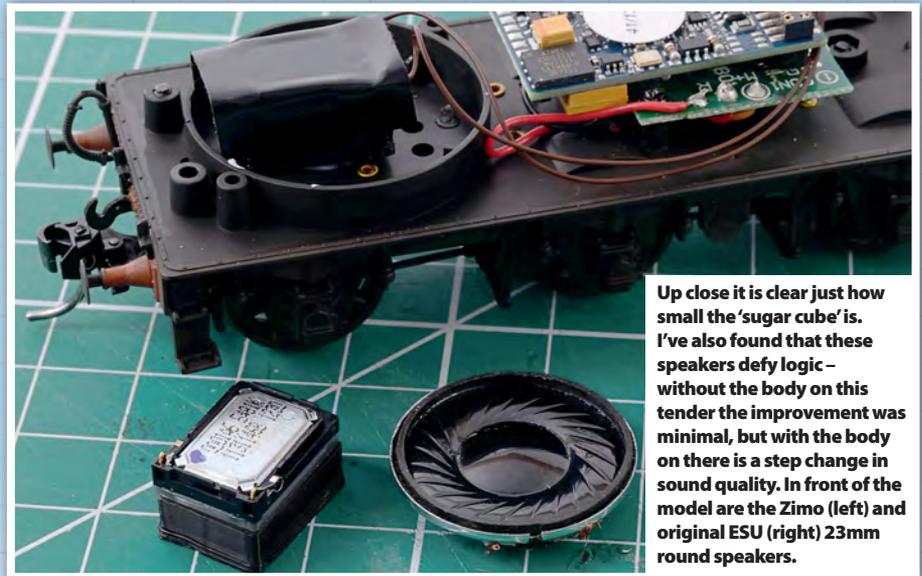


MARK CHIVERS
Mark has been honing his painting skills on *Hornby Magazine's* Warley layout (amongst others) in the run up to Grosvenor Square's debut at the NEC on November 26/27.

but at the same time I saw my opportunity to introduce the speaker upgrades as well as tidy up any details which had been left off.

As I type there is just over a week to go until the Warley show and I've now changed the speakers in 10 locomotives fitted with ESU LokSound V4.0 decoders: two 'Prairies', two 'Panniers', a '14XX', *Falcon*, a pair of 'Warships', a 'Dukedog', a '2884' and a '2251'. These are all now fitted with Zimo 10mm x 15mm x 9mm cube speakers and the shift change in their sound performance is great value for money – I couldn't possibly afford to replace all the decoders as an alternative. It means that the shrill whistles of the steam locomotives are replaced by more realistic tones while the actual running sounds have greater definition – check out the video on our website showcasing the difference between the original and upgraded speakers in the 'Prairies'.

It should be noted that if you have ESU LokSound V3.5 decoders that these operate with 100ohm speakers and as such the modifications I have made to these are not applicable. The V4.0 decoders are designed to operate with 4ohm speakers and as such using the Zimo cube speakers, rated at 8ohm, causes no issues other than that the maximum volume level is slightly reduced.



Up close it is clear just how small the 'sugar cube' is. I've also found that these speakers defy logic – without the body on this tender the improvement was minimal, but with the body on there is a step change in sound quality. In front of the model are the Zimo (left) and original ESU (right) 23mm round speakers.

VARIABLE CHANGES

That isn't the end though as I have also been working through each one of these ESU sound fitted locomotives making a couple of basic Configuration Variable (CV) changes as I go

along. These changes are simple to make with most Digital Command Control (DCC) handsets and allow the performance characteristics of a locomotive to be specifically tailored to how I want it to respond to the controller while also enhancing its sound performance.

My main ports of call are: CV3 (maximum speed), CV4 (deceleration) and CV63 (volume). In the main I reduce the maximum speed through CV3 on a V4.0 ESU LokSound decoder to around 100 (the V3.5 decoders have different ranges) while I also extend CV4 to 100 to allow the coasting sounds written into each sound file to play out properly with a minimal change in speed steps, although there is variation on this depending on the origination point of the sound file. Changes to CV4 in this way also increase the distance a model will run before it stops, so the drivers on Grosvenor Square will have to be on top of their game to avoid hitting the buffers.

The volume change is made on a locomotive by locomotive basis, but rarely do any of them exceed 70 out of the 255-value range of CV63 on the V4.0 decoder. Happily, if these volume levels aren't correct at the show they can easily be adjusted through the Prodigy handset even with the locomotive on the move.

ON SHOW

Putting this level of effort into the sound fitted locomotives for Grosvenor Square will make it much more enjoyable for us all to operate – and more significantly will raise the standard of the sounds which are being emitted from the layout.

We are all buzzing with excitement to bring this new layout out on show and by the time you read this we hope its debut (which will be the first time it has been fully assembled) has gone smoothly. Fingers crossed!

GO ONLINE TO SEE MORE...

Visit www.hornbymagazine.com to see before and after footage of the 'Prairie' 2-6-2Ts and more.

● Don't miss the next issue when we go into detail on the new storage yard design for Grosvenor Square.

Bilston Road

BILSTON ROAD is a fictitious 'OO' gauge layout based in the West Midlands in the late 1950s. It is 18ft x 9ft 6in and located in a purpose-built loft conversion.

The format is an oval with one side as townscape with a station and goods yard and the other through countryside with a viaduct. There is also an engine shed at one end. Because of the roof shape and the fact that I like reasonable size backscenes there is space beyond the 9ft 6in scenic area for the storage yards, so there are two - one each side with space for 18 trains. These include two nine-coach expresses and two coal trains with 30 wagons (one full and one empty). Stock is mainly ready-to-run with a few kit or scratchbuilt and all locomotives are London Midland & Scottish Railway or BR 'Standard' types.

Buildings are a mixture of kits, ready made, scratchbuilt and downloads. Terrain is formed of polystyrene blocks covered in plaster and finished in the various forms of ground cover. My aim was to achieve a believable 3D picture of the railway in the late 1950s, which I believe I have achieved, and a layout that is interesting to operate.

Geoff Read, by e-mail.



Weeton Goods Yard

We moved to a small barn conversion 12 months ago and I didn't think I would have room for a layout, so after missing having a layout and reorganising the small spare room, I measured up and saw that I would have room to make a small shunting layout.

It was built in six weeks during the summer and covers 4ft x 16in with a Great

Western Railway goods yard theme.

I have tried to create a nostalgic atmosphere with spotlights creating a sunny day while under the baseboard are two CD players – one with blackbirds singing and the other with recordings for steam locomotives from the Severn Valley Railway.

My rolling stock is very simple: a Bachmann

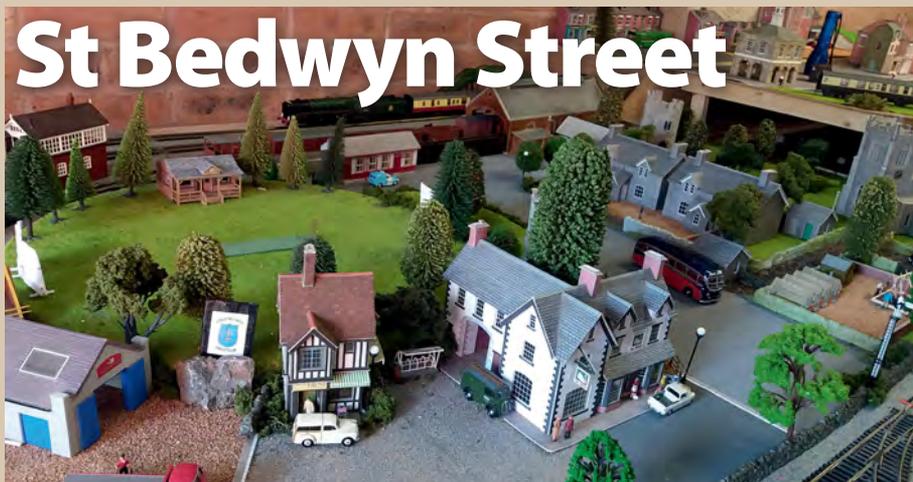
'Pannier' tank and an occasional visiting Bachmann 2-6-2T which have both been weathered by TMC. All the other rolling stock is by Dapol and weathered.

A lot of modellers say that they don't have room for a layout but I disagree – the only limitation is your imagination.

Ron Goff, by e-mail.



St Bedwyn Street



St Bedwyn Street is a fictional 'OO' gauge layout with buildings which spread across a large time period. I started my layout at the age of seven when I was given Hornby's 'Royal Scot' train set. My dad set up a small table with a standard oval and now it has doubled in size over eight years.

My favourite locomotives are 'Britannia' 4-6-2 70043 *Lord Kitchener* and GWR 'Star' 4-6-0 4003 *Lode Star*. I have installed lighting in the heritage depot which is home to a 'Hall' (4965 *Road Ashton Hall*), a 'B1' and a Gresley 'A4'. In the future, I hope to invest in DCC and digital sound but for the moment that will have to wait - GCSEs come first!

Oliver Rowell, by e-mail.

Carstairs Junction



Loosely based around Carstairs, my 'OO' layout is electrified double track with Bachmann and Hornby rolling stock for the sectorisation period between 1990-1995. It is operated by analogue control and occupies 9ft x 4ft in total. It fits into a spare room and is designed for easy assembly in case of showing it at exhibitions.

Rob Hall, by e-mail.

SHOW GUIDE

Welcome to the *Hornby Magazine Show Guide* – your guide to the exhibitions that are taking place throughout the country every weekend. This listing is a guide to events planned by model railway clubs and societies, and is updated each issue. Entries marked in blue are new shows to the listing. We recommend checking the society website or using the contact details provided to check a show or event is on before travelling. All information is provided in good faith, and *Hornby Magazine* cannot be held responsible for any changes that may take place following publication.

DECEMBER

10 GARDEN OF ENGLAND MODEL FEST

Hosts: Modelfest Club
Location: Angel Centre, Angel Lane, Tonbridge, Kent TN9 1SF
Times: 10.30am-4.30pm
Prices: Adults £5 (£4.50), accompanied children under 14 free – advance ticket price in brackets
Website: www.gardenofenglandmodelfest.co.uk
Contact: 01243 261641
Features: Ten layouts, trade support, model displays, societies and disabled access.

10 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donations welcome)
Website: www.hmrg.co.uk
Features: Club layouts, refreshments and parking.

10/11 GRESLEY AND WYCHNOR MRG MINCE PIE OPEN WEEKEND

Hosts: Gresley and Wychnor Model Railway Group
Location: Gresley Social Centre, Park Street, Church Gresley, Swadlincote, Derbyshire DE11 9QE
Times: Sat 10am-4.30pm, Sun 10am-4pm
Prices: Adults £3, children £1, family £6.50
Contact: p.bayleybligh@btinternet.com
Features: Layouts, demonstrations, refreshments, parking and disabled access to ground floor exhibits.

10/11 POYNTON MODEL SHOW

Hosts: The Model Show
Location: Poynton Leisure Centre, Yew Tree Lane, Poynton, Stockport, Cheshire SK12 1PU
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £5.75, Services £4.75, 14-18 £3.75, accompanied children under 14 free
Website: www.themodelshow.co.uk
Features: Ten layouts, trade support, demonstrations, societies, static exhibits, radio control models, refreshments and disabled access.

11 BEXLEY MODEL RAILWAY SHOW

Hosts: Selkent Model Railway Club
Location: NEW VENUE Bexleyheath Academy, Graham Road, Bexleyheath, Kent DA6 7EG
Times: 10am-4pm
Prices: Adults £6 (£4.95), concessions £5 (£3.95), children £5 (£3.95), family £15 (£12) – advance ticket prices in brackets
Website: www.modelrailwayexhibition.com
Contact: 0208 694 1888
Features: 22 layouts, trade support, refreshments, parking and disabled access.

11 WISBECH MODEL RAILWAY CLUB OPEN DAY

Hosts: Wisbech Model Railway Club
Location: Upper Room, St Peters Church Hall, Wisbech, Cambs
Times: 10am-4pm
Prices: Free
Contact: 01366 380224
Features: Three layouts and displays.

17 HILLINGDON RAILWAY MODELLERS TEST TRACK OPEN DAY

Hosts: Hillingdon Railway Modellers
Location: Yiewsley Baptist Church Hall (side entrance), 74 Colham Avenue, Yiewsley, Hillingdon, London UB7 8HF
Times: 10am-4pm
Prices: £4
Website: www.hillingdonrailwaymodellers.co.uk
Features: Three club test tracks in 'O', 'OO' and 'N' available, DC and DCC, club sales, meet club members and refreshments.

27 KEIGHLEY MODEL RAILWAY CLUB CHRISTMAS OPEN DAY

Hosts: Keighley Model Railway Club
Location: Clubrooms, Knowle Mill, South Street, Keighley, BD21 1SY
Times: 10am-4.30pm
Prices: Adults £3.50, children £2.50
Website: www.keighley-mrc.org.uk
Contact: 07771 565617
Features: Club layouts, festive refreshments, parking and disabled access.

27/28 GAINSBOROUGH MODEL RAILWAY SOCIETY – OPEN DAYS

Hosts: Gainsborough Model Railway Society
Location: Florence Terrace, Gainsborough, Lincolnshire DN21 1BE
Times: Tue 1.30pm-6pm, Wed 1.30pm-6pm
Prices: Adults £4, concessions £3, children £3, family (2+2) £10
Website: www.gainsboroughmodelrailway.co.uk
Contact: 01427 615871
Features: Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

29/30 TAUNTON MODEL RAILWAY GROUP – OPEN DAYS

Hosts: Taunton Model Railway Group.
Location: Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU
Times: Thu 10.30am-4pm, Fri 10.30am-4.30pm
Prices: Adults £1.50, children 75p
Website: www.bathgreenpark.co.uk
Contact: 01984 639509
Features: Tamerig and Bath Green Park layouts in operation.

30 WIMBORNE RAILWAY SOCIETY OPEN DAY

Hosts: Wimborne Railway Society
Location: United Reform Church Hall, Chapel Lane, Wimborne BH21 1PP
Times: 10am-4pm
Prices: Adults £2.50, children 50p
Website: www.wimrail.org.uk
Contact: 01202 874735
Features: Club layouts, sales stand, refreshments and disabled access.

31 WEST CAMEL MODEL RAILWAY SOCIETY CHRISTMAS SHOW

Hosts: West Camel Model Railway Society
Location: Davis Hall, West Camel, Yeovil, Somerset BA22 7QX
Times: 10am-3.30pm
Prices: Adults £3, children 11-16 £1, children under 11 free
Contact: i.goose261@btinternet.com
Features: Eight layouts, trade support, refreshments, parking and disabled access.

JANUARY

7 IPSWICH RAILWAY MODELLERS ASSOCIATION OPEN DAY

Hosts: Ipswich Railway Modellers Association
Location: 40a Norfolk Road, Ipswich IP4 2HB
Times: 10am-1pm
Prices: Free
Website: www.irma.org.com
Contact: 01473 251017
Features: Layouts, second-hand stall and refreshments.

7 MAIDENHEAD MODEL RAILWAY EXHIBITION

Hosts: Marlow, Maidenhead and District Model Railway Club
Location: Cox Green Community Centre, Highfield Lane, Maidenhead SL6 3AX
Times: 10am-5pm

Prices: Adults £4.50, children £2, family (2+2) £10

Website: www.mmdmrc.org.uk

Features: Layouts, trade support, demonstrations, refreshments and limited parking.

7/8 SCOUTRAIL 2017

Hosts: 33rd Oxford (Kidlington) Scout Group
Location: Exeter Hall, Oxford Road, Kidlington, Oxfordshire OX5 1AB
Times: Sat 10am-4.30pm, Sun 10am-4.30pm
Prices: Adults £3.50, concessions £2.50, children £1.50
Website: www.scouttrail.org.uk
Features: Layouts, trade support, refreshments and parking.

14 BRIDPORT AND DISTRICT MODEL RAILWAY CLUB EXHIBITION

Hosts: Bridport and District Model Railway Club
Location: Beaminster Public Hall, Fleet Street, Beaminster, Dorset DT8 3EF
Times: 10am-4pm
Prices: Adults £3, children £1
Contact: 01308 861754
Features: Layouts, trade support and refreshments.

14 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

14/15 BOGNOR REGIS MODEL RAILWAY CLUB EXHIBITION

Hosts: Bognor Regis Model Railway Club
Location: Felpham Community College, Felpham Way, Felpham, Bognor Regis PO22 8EL
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £5, children £3
Website: www.bmrc.co.uk
Features: Layouts, trade support, refreshments and parking.

14/15 CHILTERN MODEL RAILWAY EXHIBITION

Hosts: Chiltern Model Railway Association
Location: Stevenage Arts and Leisure Centre, Lytton Way, Stevenage SG1 1LZ
Times: Sat 10am-5.30pm, Sun 10am-4.30pm
Prices: Adults £8, accompanied children (max. 2) free, unaccompanied children (10-16) £4
Website: www.cmra.org.uk
Contact: 01438 715580
Features: 30 layouts, trade support, demonstrations, displays, societies and refreshments.

14/15 PRATTS BOTTOM MODEL RAILWAY SHOW

Hosts: Orpington and District Model Railway Society
Location: Pratts Bottom Village Hall, Norsted Lane, Rushmore Hill, Pratts Bottom, Orpington BR6 7PQ
Times: Sat 10am-5pm, Sun 10am-5pm
Prices: Adults £3.50, children £1.50
Website: www.orpingtonmodelrail.org.uk
Contact: 07885 270437
Features: Layouts, trade support, loco clinic, refreshments, parking and disabled access.

15 WESTON SUPER MARE MODEL RAILWAY SHOW

Hosts: Keith Price
Location: The Campus, Highlands Lane, Locking Castle, Weston-Super-Mare BS24 7DX
Times: 10am-4.30pm
Prices: Adults £6.50, concessions £6, children £2, family £15
Website: www.westonsupermaretrainshow.com
Contact: 01934 425075
Features: 28 layouts, trade support, refreshments and disabled access.

20-22 LONDON MODEL ENGINEERING EXHIBITION

Hosts: Meridienne Exhibitions
Location: Alexandra Palace, Wood Green, London N22 7AY
Times: Fri 10am-5pm, Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £12 (£10.50), concessions £11 (£9.50), children £4 (£3) – advance ticket prices in brackets www.londonmodelengineering.co.uk
Website: www.londonmodelengineering.co.uk
Features: Displays, demonstrations, layouts, trade support, refreshments, parking and disabled access.

21 CARDIFF SMALL MODEL RAILWAY SHOW

Hosts: Cardiff Small Model Railways Group
Location: Scout HQ, Field Park Road, Pontcanna CF11 9HX
Times: 10am-4.30pm
Prices: Adults £3.50, under 14s free
Website: www.lordandbutler.co.uk
Contact: 02920 667225
Features: Nine layouts, trade support, demonstrations, refreshments and parking.

21/22 BLACKBURN CHARITY EXHIBITION

Hosts: East Lancashire Model Railway (Charitable) Organisation
Location: Audley Sports and Community Centre, Chester Street, Blackburn, Lancashire BB1 1LP
Times: Sat 11am-4pm, Sun 10am-4pm
Prices: Adults £5, concessions £3, children £3, family (2+2) £12
Contact: 07585 762627
Features: Layouts and trade support.

21/22 CALNE MODEL RAIL SHOW

Hosts: Bentley Model Railway Group
Location: Calne Leisure Centre, White Horse Way, Calne, Wiltshire SN11 0SP
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £5, children £3
Website: www.calnemrs.org.uk
Contact: 01249 654417
Features: 15 layouts, trade support, refreshments, parking.

21/22 CITY OF CANTERBURY MODEL RAILWAY SOCIETY EXHIBITION

Hosts: City of Canterbury Model Railway Society
Location: St Anselm's School, Old Dover Road, Canterbury, Kent CT1 3EN
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, concessions £4, children £3, family (2+2) £13
Website: www.ccmsr.co.uk
Contact: 01227 738789
Features: 15 layouts, trade support, demons, outdoor rides, refreshments, parking and disabled access.

22 ASTOLAT (GUILDFORD) MODEL RAILWAY EXHIBITION

Hosts: Astolat Model Railway Circle
Location: Surrey Sports Park, University of Surrey, Richard Meyjes Road, Guildford GU2 7AD
Times: 10am-5pm
Prices: Adults £6, children £3, family (2+1) £12
Website: www.astolatmrc.co.uk
Contact: 01483 722098
Features: 18 layouts, trade support, test track, refreshments, parking and disabled access.

22 BRISTOL 'O' GAUGE GROUP SHOW

Hosts: Bristol 'O' Gauge Group
Location: University of the West of England Exhibition Centre, Filton Road, Bristol BS34 8QZ
Times: 10am-4.30pm
Prices: Admission £9, Gauge O Guild members £7, accompanied children free
Website: www.bogg7mmexhibition.com
Contact: 07738 143766
Features: 10 layouts, trade support, demonstrations, Gauge O Guild village and refreshments. Bus service operating between venue and Bristol Parkway railway station.

22 SNCF SOCIETY MODEL RAIL SHOW AND WINTER RENDEZVOUS

Hosts: The SNCF Society
Location: Lenham Community Centre, Groom Way, Lenham, Kent ME17 2QT
Times: 10am-5pm
Prices: Adults £4.50, children £1.50
Website: www.snocsociety.org.uk
Features: French outline layouts, trade support, societies, refreshments, parking and disabled access.

28/29 ERITH MODEL RAILWAY SOCIETY EXHIBITION

Hosts: Erith Model Railway Society
Location: Longfield Academy, Main Road, Longfield, Kent DA3 7PH

Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £7, concessions £6, children £3, family (2+2) £18
Website: www.erithmrs.ukmodelshops.co.uk
Features: 35 layouts, trade support, demonstrations, displays, societies, refreshments, parking and disabled access.

28/29 PONTEFRACT MODEL RAILWAY EXHIBITION

Hosts: Normanton and Pontefract RMS
Location: New College, Park Lane, Pontefract WF8 4QR
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £5, accompanied children free
Website: www.nprms.org
Features: 20 layouts, trade support, demonstrations, refreshments and disabled access.

28/29 SOUTHAMPTON MODEL RAILWAY SOCIETY EXHIBITION

Hosts: Southampton Model Railway Society
Location: Barton Peveril College, Chestnut Avenue, Eastleigh, Hampshire SO50 5BX
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £7, children £3, family (2+2) £17
Website: www.southamptonmodelrailwaysociety.wordpress.com
Contact: 01489 799809
Features: 23 layouts, trade support, demonstrations, societies, refreshments and disabled access.

29 G SCALE KENT WINTER MEET

Hosts: G Scale Society Kent Group
Location: Teynham Village Hall, Belle Friday Close, Teynham, Sittingbourne, Kent ME9 9TU
Times: 11am-4pm
Prices: Adults £2.50, children £1
Website: www.gscalekent.co.uk
Features: Large scale layouts, live steam, trade support, refreshments, parking and disabled access.

FEBRUARY

4 SODBURY VALE MODEL RAILWAY CLUB EXHIBITION

Hosts: Sodbury Vale Model Railway Club
Location: St Mary's Church Hall, Church Road, Yate, Gloucestershire BS37 5BG
Times: 10am-4.30pm
Prices: Adults £5, accompanied children free
Website: www.sodburyvalemrc.co.uk
Contact: 01454 327611
Features: 14 layouts, trade support, demonstrations and refreshments.

4/5 FEBEX 2017 - ALTON MODEL RAILWAY EXHIBITION

Hosts: Alton Model Railway Group
Location: Eggars School, London Road, Alton, Hampshire GU34 4EQ
Times: Sat 10.30am-5pm, Sun 10.30am-4pm
Prices: TBC
Website: www.altonmrg.co.uk
Features: Layouts, trade support, demonstrations, societies, refreshments, parking and disabled access.

4/5 STAFFORD MODEL RAILWAY EXHIBITION

Hosts: Stafford Railway Circle
Location: Stafford County Showground, Weston Road, Stafford, Staffordshire ST18 0BD
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £9, children £1
Website: www.staffordrailwaycircle.org.uk
Features: 45 layouts, trade support, demonstrations, refreshments, parking and disabled access. Free bus service operating between venue and Stafford railway station both days.

11 BLACKPOOL AND NORTH FYLDE MODEL RAILWAY CLUB OPEN DAY

Hosts: Blackpool and North Fylde Model Railway Club
Location: Cleveleys Community Centre and Church, Kensington Road, Cleveleys, Lancashire FY5 1ER
Times: 10am-4.30pm
Prices: Adults £2.50, concessions £2, children £2, family (2+2) £7.50
Website: www.blackpoolandnorthfyldemrc.co.uk
Features: Club and members' layouts, trade support, refreshments, parking and disabled access.

11 G SCALE SOCIETY, WEST MIDLANDS GROUP, MODEL RAILWAY EXHIBITION

Hosts: G Scale Society, West Midlands Area Group
Location: St Mary's Church Hall, Hobs Meadow, Solihull, West Midlands B92 8PN

Times: 10am-4pm
Prices: Adults £3, children £1
Contact: 01299 403548
Features: Layouts, trade support, refreshments and parking.

11 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

11/12 BOURNEMOUTH MODEL RAILWAY EXHIBITION

Hosts: BMRE
Location: The Hamworthy Club, Magna Road, Canford Magna, Wimborne BH21 3AP
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, accompanied children free
Website: www.bmre.org.uk
Contact: 07970 641493
Features: 14 layouts, trade support, refreshments, parking and disabled access.

11/12 CALE RAIL MODEL RAILWAY EXHIBITION

Hosts: Cale Rail and Gartell Light Railway
Location: Gartell Light Railway, Common Lane, Yenston, Nr Templecombe, Somerset BA8 0NB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, concessions £3
Contact: 07970 113270
Features: Ten layouts, trade support, displays, refreshments and Gartell Light Railway in operation (fare payable).

12 MONMOUTH ROTARY MODEL RAILWAY EXHIBITION

Hosts: Monmouth Rotary Club
Location: Monmouth Leisure Centre, Old Dixon Road, Monmouth, NP25 3DP
Times: 10am-4pm
Prices: Adults £5, concessions £4, children £4, family (2+2) £12
Contact: david_forbes2@sky.com
Features: 30 layouts, trade support, demonstrations, refreshments, parking and disabled access.

18 HILLINGDON RAILWAY MODELLERS TEST TRACK OPEN DAY

Hosts: Hillingdon Railway Modellers
Location: Yiewsley Baptist Church Hall (side entrance), Colham Avenue, Yiewsley, Hillingdon, London UB7 8HF
Times: 10am-4pm
Prices: £4
Website: www.hillingdonrailwaymodellers.co.uk
Features: Three club test tracks in 'O', 'OO' and 'N' available, DC and DCC, club sales, meet club members and refreshments.

18 KENAVON RAILWAY SOCIETY (READING) EXHIBITION

Hosts: Kenavon Railway Society
Location: The Warehouse, Cumberland Road, Reading, Berkshire RG1 3LB
Times: 10am-5pm
Prices: Adults £4, concessions £2.50, children £2, family (2+2) £9.50
Contact: 07760 285383
Features: 15 layouts, trade support, refreshments, parking and disabled access.

18 KING'S LYNN MODEL RAILWAY CLUB OPEN DAY

Hosts: King's Lynn Model Railway Club
Location: Village Hall, Cliff-en-Howe Road, Pott Row, King's Lynn PE32 1BY
Times: 10am-4pm
Prices: Free
Contact: 01553 679255
Features: Club layouts and members on hand to answer questions.

18 RISEX 2017 MODEL RAILWAY EXHIBITION

Hosts: Risborough and District Model Railway Club
Location: Community Centre, Wades Park, Stratton Road, Princes Risborough, Buckinghamshire HP27 9AX
Times: 10am-5pm
Prices: Adults £3, children £2
Website: www.rdmrc.org.uk
Contact: 01296 415107
Features: Nine layouts, trade support, demonstrations and refreshments.

18 SAFFRON WALDEN MODEL RAILWAY CLUB EXHIBITION

Hosts: Saffron Walden Model Railway Club
Location: United Reformed and Salvation Army Halls, Abbey Lane, Saffron Walden, Essex CB10 1AG
Times: 10am-4.30pm
Prices: Adults £3, concessions £2.50, children £1
Contact: 01799 521029
Features: Layouts, trade support, refreshments and disabled access.

18/19 LEICESTER MODEL RAILWAY EXHIBITION

Hosts: Syston Model Railway Society
Location: Sibley Community Centre, High Street, Sibley, Leicestershire LE12 7RX
Times: Sat 10am-4.30pm, Sun 10am-4pm
Prices: Adults £4, concessions £3.50, accompanied children free, family (2+2) £8
Website: www.systonmrs.org.uk
Contact: 0116 260 5760
Features: 11 layouts, trade support and refreshments.

18/19 SHERBORNE MODEL RAILWAY EXHIBITION

Hosts: Wessex Association of Model Railway Clubs
Location: Digby Hall, Hound Street, Sherborne, Dorset DT9 3AA
Times: Sat 10am-4.30pm, Sun 10am-4pm
Prices: Adults £5, children £2, family £10
Contact: 07850 474085
Features: Layouts and trade support.

25/26 YORK AGAINST CANCER MODEL RAILWAY SHOW

Hosts: EBOR Group of Modellers, York
Location: Heworth Memorial Church Hall, Melrosegate, York YO31 0RP
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £3, children £1
Contact: 01904 630492
Features: 11 layouts, trade support and demonstrations.

DON'T MISS...

24-26 MODEL RAIL SCOTLAND 2017

Hosts: Association of Model Railway Societies in Scotland (AMRSS)
Location: Scottish Exhibition and Conference Centre (SECC), Exhibition Way, Glasgow G3 8YW
Times: Fri 10.30am-6pm, Sat 10am-6pm, Sun 10.30am-5pm
Prices: Adults £12 (£11), children £6 (£5), family (2+2) £27 (£26) – advance tickets in brackets
Website: www.modelrail-scotland.co.uk
Features: More than 40 layouts, trade support, demonstrations, societies, refreshments, parking and disabled access. SECC is a short walk from Exhibition Centre railway station.

26 ILKESTON (WOODSIDE) MODEL RAILWAY CLUB EXHIBITION

Hosts: Ilkeston (Woodside) Model Railway Club
Location: Trowell Parish Hall, Stapleford Road, Trowell, Nottinghamshire NG9 3QA
Times: 10am-4.30pm
Prices: Adults £3, accompanied children free
Contact: 01773 712648
Features: 12 layouts, trade support, demonstrations, refreshments, parking and disabled access.

MARCH

4 EXMOOR MODEL FAIR

Hosts: Exmoor Coast Railway Modellers
Location: Richard Huish College, South Road, Taunton, Somerset TA1 3DZ
Times: 10am-3pm
Prices: Adults £2
Contact: 01643 706736
Features: Sales stands, refreshments and parking. Organised by Exmoor Coast Railway Modellers to raise funds for the club.

4/5 LEAMINGTON AND WARWICK MODEL RAILWAY SOCIETY EXHIBITION

Hosts: Leamington and Warwick Model Railway Society
Location: Warwickshire College, Warwick New Road, Royal Leamington Spa, CV32 5JE

Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £7, children £1, family (2+2) £15
Website: www.lwmrs.co.uk
Features: 20 layouts, trade support, demonstrations, refreshments, parking and disabled access.

4/5 RAINHILL MODEL RAILWAY CLUB EXHIBITION

Hosts: Rainhill Model Railway Club
Location: Rainhill Village Hall, Weaver Avenue, Rainhill, Merseyside L35 4LU
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £4.50, children £3, family (2+2) £12
Website: www.rainhillmrc.org.uk
Contact: 01925 226266
Features: Layouts, trade support, demonstrations, refreshments and disabled access.

11/12 BASINGSTOKE MODEL RAILWAY EXHIBITION

Hosts: Basingstoke and North Hampshire Model Railway Society
Location: Aldworth Science College, Western Way, Basingstoke, Hampshire RG22 6HA
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, children £3, family (2+3) £12
Website: www.basingstokemrs.org
Features: Layouts, trade support, demonstrations, refreshments, parking and disabled access.

18/19 MIDLANDS GARDEN RAIL SHOW

Hosts: Meridienne Exhibitions
Location: Warwickshire Exhibition Centre, Nr Leamington Spa, Warwickshire CV31 1XN
Times: Sat 10am-4pm, Sun 10am-4pm
Prices: Adults £8.50 (£7.50), concessions £7.50 (£6.50), children £3 (£2) – online prices in brackets
Website: www.largescalemodelrail.co.uk
Features: Large scale layouts, trade support, live steam models, refreshments and parking.

18/19 ROCHDALE MODEL RAILWAY EXHIBITION

Hosts: Heywood Model Railway Group
Location: Rochdale Town Hall, The Esplanade, Rochdale, Lancashire OL16 1AB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, concessions £4, children £3, family (2+2) £13
Website: www.hmrg.co.uk
Features: 17 layouts, trade support and refreshments.

25 BELPER MODEL RAILWAY EXHIBITION

Hosts: Belper Model Railway Group
Location: Struts Centre, Derby Road, Belper DE56 1UU
Times: 10am-5pm
Prices: Adults £3, concessions £2.50, children £1.50
Website: <http://bmrg.coffeecup.com>
Features: Ten layouts, trade support, demonstrations and refreshments.

APRIL

1 BECKENHAM VINTAGE MODEL RAILWAY CLUB EXHIBITION

Hosts: Beckenham and West Wickham Model Railway Club
Location: St John's Church, Eden Park Avenue, Eden Park, Kent BR3 3JN
Times: 10am-5pm
Prices: Adults £5, accompanied children free
Contact: 07545 469610
Features: Nine vintage layouts, trade support, demos, refreshments and disabled access.

8 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

8/9 BRIERFIELD MODEL RAILWAY CLUB EXHIBITION

Hosts: Brierfield Model Railway Club
Location: St Luke's Church Hall, Brierfield, Nelson, Lancashire BB9 5JW
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £3.50, children £2, family (2+2) £10
Website: www.pfmrs.org.uk
Contact: 07770 331348
Features: Layouts, trade support, refreshments and disabled access.

GET MORE ONLINE!
FOR MORE SHOWS AND THE VERY LATEST LISTINGS VISIT
WWW.HORNBYMAGAZINE.COM
FOR OUR ONLINE SHOW GUIDE

22 NEWGOG - SOUTH WALES 'O' GAUGE EXHIBITION

Hosts: NEWGOG team
Location: Lysaght Institute, Orb Road, Newport NP19 0RA
Times: 10am-4.30pm
Prices: Adults £6, concessions £5
Contact: driverlewis2004@yahoo.co.uk
Features: Six layouts, trade support, demonstrations, refreshments and disabled access.

22 PONTYPRIDD MODEL RAILWAY EXHIBITION

Hosts: Pontypridd Model Railway Club
Location: Community Centre, Crown Hill, Llantwit Fardre, Crown Hill, CF38 2NA
Times: 10am-4pm
Prices: Adults £3, accompanied children free
Contact: 01443 217511
Features: Ten layouts, trade support, refreshments, parking and disabled access.

29 LUTON MODEL RAILWAY CLUB 'O' GAUGE SECTION EXHIBITION

Hosts: Luton Model Railway Club
Location: Christchurch Hall, Bedford Road, Hitchin SG5 1HF
Times: 10.30am-5pm
Prices: Adults £5, children £2, family (2+3)
Website: www.lutonmodelrailwayclub.org.uk
Contact: 01582 413200
Features: 'O' scale layouts, test track, trade support and refreshments.

MAY

13 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

JUNE

10 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

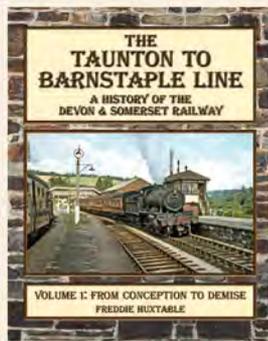
Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

18 WEST CORNWALL MODEL RAILWAY GROUP EXHIBITION

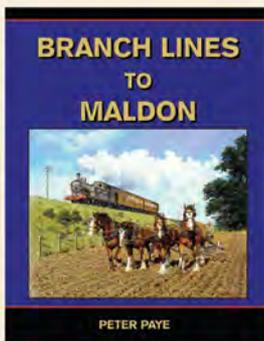
Hosts: West Cornwall Model Railway Group
Location: Carn Brea Leisure Centre, Pool, Redruth, Cornwall TR15 3QS
Times: 10am-4.30pm
Prices: Adults £4.50, concessions £4, accompanied children free
Features: Layouts, trade support, refreshments, parking and disabled access.

PLANNING AN EXHIBITION?

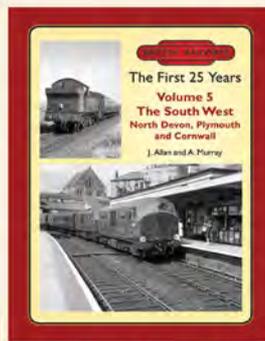
● *Hornby Magazine's* Show Guide is a free listing which allows you to promote a forthcoming model railway show. Contact *Hornby Magazine* by calling 01780 755131 or e-mail: hornbymagazine@keypublishing.com. Please ensure you include appropriate contact details for the public as we are unable to publish the listing without this.



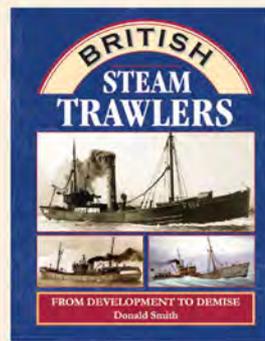
A History of the D&SR Vol 1: From Conception to Demise
232 pages, laminated board covers. ISBN 9781911038 15 3
Price £25 + £5 p&p



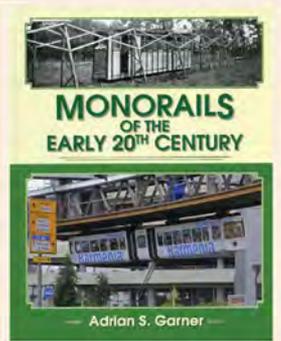
The story of two differing branch lines, both now gone
256 pages, laminated board covers. ISBN 9781911038 16 0
Price £30 + £5 p&p



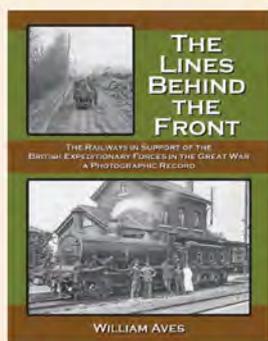
BR The First 25 Years Vol 5: N Devon, Plymouth & Cornwall
192 pages, laminated board covers. ISBN 9781911038 14 6
Price £22.50 + £5 p&p



From Development to Demise
History, photos, plans, details
312 pages, laminated board covers. ISBN 9781903599 23 5
Price £30 + £5 p&p



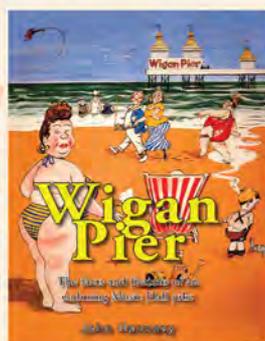
Companion to 19th Cent. vol. History, photos, plans, details
208 pages, laminated board covers. ISBN 9781911038 12 2
Price £25 + £5 p&p



A photo record of the railways in support of the BEF in WW1
180 pages, laminated board covers. ISBN 9781911038 07 8
Price £22.50 + £5 p&p



67 owners covered + updates. Final volume in series
152 pages, laminated board covers. ISBN 9781911038 11 5.
Price £22.50 + £5 p&p



The story behind the joke – canals, railways, industry
A5. 144 pages. Card covers. ISBN 9781911038 13 9.
Price £9.99 + £2 p&p

NEW & LATEST TITLES FROM LIGHTMOOR PRESS

For full details of these and all our other publications, and to order via secure server, visit:

www.lightmoor.co.uk

BLACK DWARF LIGHTMOOR PUBLICATIONS LTD

Unit 144B, Harbour Road Industrial Estate,
Lydney, Gloucestershire GL15 4EJ
01594 840641 or 01993 773927
info@lightmoor.co.uk

The final S Stock train has been delivered to London Underground, but we could deliver a set to you!



london transport museum

Manufactured by Bachmann plc exclusively for London Transport Museum

OO scale 1:76 scale S Stock
Motorised 4 car set

£280.00

4 Individual Cars to create an authentic S7 or S8 train set

£39.99 each

Visit ltmuseumshop.co.uk and enter Promo code **SSTOCK10** for 10% discount (applies to online only)

Or come to our store
Covent Garden Piazza,
London, WC2E 7BB



ltmuseumshop.co.uk

ALL AVAILABLE TO PRE-ORDER NOW

Class 414 2-HAP EMU
 Pre-order for £186.96 (estimated)



- 31-390 6061 in BR green
- 31-391 6062 in BR blue & grey
- 31-392 4322 in Network SouthEast livery

Class 5P4F Stanier Mogul 2-6-0
 Pre-order for £127.46



- 31-690 2955 in LMS lined black
- 31-691 42969 in BR lined black with early emblem
- 31-692 42968 in BR lined black with late crest (as preserved)

Class 57 Diesel
 Pre-order from £127.46



- 32-753DS 7007 "Freightliner Bond" in Freightliner green - DCC sound fitted £203.96
- 32-756 57603 "Tintagel Castle" in GWR (2015) green
- 32-764 57305 "Northern Princess" in DRS Northern Belle livery



Pre-order at www.hattons.co.uk/bachmann2016

Class 70 diesel
 Pre-order from £131.71



- 31-590 70015 in Freightliner livery with air intake modifications
- 31-591 70805 in Colas livery with air duct boxes

WD Austerity 2-8-0
 Pre-order for £131.71



- 32-250A 79250 "Major-General Mc Mullen" in Longmoor Military Railway blue
- 32-254A 77003 in LNER plain black

LNWR 0-6-2T Webb Coal Tank
 Pre-order for £97.71



- 35-050 1054 in LNWR plain black livery
- 35-051 7841 in LMS black livery
- 35-052 58900 in BR black early emblem

SECR 60' Birdcage Coaches
 Pre-Order for £50.96



- 39-600 Brake Composite SECR Dark Lake
- 39-601 Brake Composite SR Olive Green
- 39-602 Brake Composite BR Vermillion
- 39-610 Composite SECR Dark Lake
- 39-611 Composite SR Olive Green
- 39-612 Composite BR Vermillion
- 39-620 Brake 3rd SECR Dark Lake
- 39-621 Brake 3rd SR Olive Green
- 39-622 Brake 3rd BR Vermillion

Warley 2016 Announcements



Keep an eye on our website for the latest updates from the Warley Exhibition 2016. New announcements and updates from a variety of manufacturers.

www.hattons.co.uk/warley2016



Hatton's Announce Exclusive O Gauge Class A3, A4 and Teak coaches



Class A3 4-6-2
 Pre-order for £750



©Charlie Jackson - Flickr

- A3001 2750 "Papyrus" in LNER Grass green with unstreamlined corridor tender - "Record Breaker"
- A3002 4472 "Flying Scotsman" in LNER Grass green with unstreamlined corridor tender - "Record Breaker"
- A3003 2745 "Captain Cuttle" in LNER black with unstreamlined non-corridor tender
- A3004 60072 "Sunstar" in BR Express blue with unstreamlined non-corridor tender
- A3005 60035 "Windsor Lad" in BR green with early crest and unstreamlined non-corridor tender
- A3006 60077 "The White Knight" in BR green with late crest and unstreamlined non-corridor tender
- A3007 60103 "Flying Scotsman" in BR green with late crest and unstreamlined corridor tender

See the full announcement at www.hattons.co.uk/recordbreakers

Class A4 4-6-2
 Pre-order for £750



©Alan Wilson - Flickr

- A4001 2509 "Silver Link" in LNER silver with streamlined corridor tender
- A4002 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender - "Record Breaker" (1938 condition)
- A4003 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender (as preserved)
- A4004 4489 "Dominion of Canada" in LNER Garter blue with steel numbers/letters and unstreamlined corridor tender
- A4005 4464 "Bittern" in LNER Garter blue with streamlined corridor tender - "Record Breaker"
- A4006 60007 "Sir Nigel Gresley" in BR express blue with unstreamlined corridor tender - "Record Breaker"
- A4007 60012 "Commonwealth of Australia" in BR green with early crest and streamlined corridor tender
- A4008 60009 "Union of South Africa" in BR green with late crest and unstreamlined corridor tender
- A4009 60008 "Dwight D Eisenhower" in BR green with late crest and streamlined non-corridor tender

Gresley Teak coaches
 Pre-order for £249



©Hugh Llewlyn

- TC11501 Diagram 115 Corridor Third in LNER Teak
- TC11502 Diagram 115 Corridor Third in LNER Teak
- TC11503 Diagram 115 Corridor Third in BR carmine & cream
- TC11504 Diagram 115 Corridor Third in BR carmine & cream
- TC11505 Diagram 115 Corridor Third in BR maroon
- TC11506 Diagram 115 Corridor Third in BR maroon
- TC17501 Diagram 175 Brake Corridor Composite in LNER Teak
- TC17502 Diagram 175 Brake Corridor Composite in LNER Teak
- TC17503 Diagram 175 Brake Corridor Composite in BR carmine & cream
- TC17504 Diagram 175 Brake Corridor Composite in BR carmine & cream
- TC17505 Diagram 175 Brake Corridor Composite in BR maroon
- TC17506 Diagram 175 Brake Corridor Composite in BR maroon
- TC18601 Diagram 186 Open Third in LNER Teak
- TC18602 Diagram 186 Open Third in LNER Teak
- TC18603 Diagram 186 Open Third in BR carmine & cream
- TC18604 Diagram 186 Open Third in BR carmine & cream
- TC18605 Diagram 186 Open Third in BR maroon
- TC18606 Diagram 186 Open Third in BR maroon

UK P&P £4 Tracked & Signed
 £7 P&P Guaranteed Next Day

See all future releases at

HORNBY

Pre-order at www.hattons.co.uk/hornby2016

LNER Holden B12/3 4-6-0
Pre-order for £143.99
Due December 2016



R3430 8573 in LNER apple green
R3431 61533 in BR black with early emblem
R3432 61580 in BR black with late crest

20T Coke Hopper Wagons
Pre-order singles for £19.79 each



R6731 20 Ton Coke Wagon in LMS livery
R6731A 20 Ton Coke Wagon in LMS livery
R6733 20 Ton Coke Wagon in BR livery
R6733A 20 Ton Coke Wagon in BR livery
R6783 BR 20 Ton Coke Hopper Wagons - Three Wagon Pack £49.49

Class 8P Merchant Navy 4-6-2
Pre-order from £144
Due during 2017



R3434 21C1 'Channel Packet' in SR Malachite Green
R3435 21C3 'Royal Mail' in SR Malachite Green
R3436 35028 'Clan Line' in BR Green with early emblem
R3382TTS 35023 'Holland-Afrika Line' in BR Green with early emblem - TTS sound fitted £162

BR Mk1 BSO & FO
Pre-order for £33 (estimated)
Due in stock during 2017



Maroon as well as blue and grey versions announced. Product codes and prices TBC. We will update customers via email as soon as further details are released.

Wainwright Class H 0-4-4T
Pre-order from £111.10 (estimated)
Due in stock during 2017



Exact liveries and running numbers are yet to be confirmed. As soon as these are confirmed we will update our system and send emails to anyone who has placed a pre-order or signed up for notifications.

Liveries announced:

BR Black with early emblem
SECR lined green
SR Olive green (TBC)
BR black with late crest (in train pack with 2 Maunsell push/pull coaches)



To sign up for email notifications or pre-order these items please visit:
www.hattons.co.uk/hclass

All our exclusive items are available to view and pre-order at www.hattons.co.uk/exclusives

Class 14xx
Pre-order for £99
Due in to stock Dec/Jan



Pristine

H1401 48xx 4825 in GWR unlined green Great Western
H1404 58xx 5808 in GWR unlined green Shirtbutton
H1406 14xx 1420 in GWR unlined green G W R
H1408 58xx 5816 in BR lined black BRITISH RAILWAYS
H1409 14xx 1470 in BR lined black early emblem
H1410 58xx 5819 in BR unlined black early emblem
H1413 14xx 1444 in BR lined green early emblem
H1414 14xx 1450 BR lined green late crest
H1416 14xx 1409 BR unlined green late crest

Lightly Weathered

H1402 58xx 5814 in GWR unlined green Great Western
H1403 48xx 4871 in GWR unlined green Shirtbutton
H1405 48xx 4807 in GWR wartime black G W R
H1407 58xx 5802 in GWR unlined green G W R
H1411 58xx 5801 in BR unlined green G W R

Heavily Weathered

H1412 14xx 1474 in BR unlined black early emblem
H1415 14xx 1432 BR lined green late crest

www.hattons.co.uk/14xx

50t Warwell Bogie Well Wagon
Available in OO and O.
Pre-order from £33 for OO. £85 for O.
Due in stock Q4 2017

Hattons

WW-018



Large variety of liveries, including weathered versions announced.

www.hattons.co.uk/warwell

Beilhack ZZA Snowplough
Available in OO only
Pre-order for £43
Due in stock Q1 2018

Hattons

BH-004



BR, NSE, Railtrack and Network Rail versions announced

www.hattons.co.uk/beilhack

Class 121/122 "Bubble Car" DMU
In Partnership with Dapol
Pre-order from £129.95



4D-009-HAT01 120 in 'GWR 150' Chocolate & Cream livery
4D-009-HAT02 121032 in Arriva Trains Wales livery

4D-009-HAT03 960011 in Railtrack blue & green livery
4D-009-HAT04 121020 in Chiltern blue livery

4D-009-HAT05 55033 in Revised Network South East livery
4D-009-HAT06 960010 in Railtrack "coaching stock" maroon
4D-009-HAT07 55022 in Original Network South East livery
4D-015-HAT01 TDB975023 in Route Learning BR blue



www.hattons.co.uk/hattonsbubble



Welcome to our project update feature, with the latest status of forthcoming releases from all major manufacturers. Use it to see the progress of projects you are interested in. The web address in the "link" column can be used to view products online, and to place your preorders.

0151 733 3655

**17 Montague Road,
Widnes, WA8 8FZ**

Phone opening times: Shop opening times
Mon to Sat 7:30am-9pm Mon to Sun 9am-5pm
Sun 9am-5pm

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Wickham trolley car	hattons.co.uk/wtc	£67.96	Mar 2013							
Stanier Mogul 2-6-0	hattons.co.uk/5p4f	£127.46	Mar 2013							
Class 450	hattons.co.uk/cl450	£254.96-£271.96	Mar 2015							
LNWR Webb coal tank 0-6-2T	hattons.co.uk/wct	£97.71	Sep 2014							
Birdcage Coaches	hattons.co.uk/bc	£50.96	Mar 2014							
Class 414 2-HAP	hattons.co.uk/cl414	£186.96 (EST)	Mar 2016							

Class 117, Class 121, Class 24/1, J72, 6P, V2, 3F, J39, K3, 94xx, H2 Atlantic - view these projects at www.hattons.co.uk/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 68	hattons.co.uk/c68	£123.72	April 2014							
Class 121/122	hattons.co.uk/dapolbubble	£119.43 - 134.95	Dec 2012							

Class B4, IDA flat, Turbot, GWR Railcar, Class 59 - view these projects at www.hattons.co.uk/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Golden Arrow Class 71s	hattons.co.uk/goldenarrow	£139.95	Jun 2016							
Class 14xx 0-4-2T	hattons.co.uk/14xx	£99	Sep 2014							
Hatton's King 4-6-0	hattons.co.uk/king	£169 - £179	Aug 2014							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
4-wheel A & B Tanks	hattons.co.uk/heltank	£20.50 - £76	Nov 2015							
Class 1366 0-6-0PT	hattons.co.uk/1361	£124	Nov 2013							
Class 47xx "Night Owl" 2-8-0	hattons.co.uk/47xx	£154	Nov 2014							
Hatton's O Gauge Class A3/A4	hattons.co.uk/recordbreakers	£750	Aug 2016							

Class 1361, Class 07 shunter- view these projects at www.hattons.co.uk/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class B12/3 Holden 4-6-0	hattons.co.uk/B12	£143.99	Nov 2015							
10T Cattle Wagon	hattons.co.uk/horcat	£19.79	Nov 2015							
W4 Peckett 0-4-0ST	hattons.co.uk/peckett	£70	Oct 2015							
Merchant Navy 4-6-2	hattons.co.uk/mn	£144 - £162	Mar 2015							
H Class 0-4-4T	hattons.co.uk/hclass	TBC	Sep 2016							
Mk1 FO & BSO	hattons.co.uk/hornbymk1	TBC	Oct 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 2301 Dean Goods 0-6-0	hattons.co.uk/oxdg	£95	Jan 2016							
Mk3 Coach	hattons.co.uk/oxmk3	£29	Jan 2016							
Carflat Car Carrying Wagon	hattons.co.uk/oxcarflat	£25	May 2016							
Hatton's ICI hopper	hattons.co.uk/ici	£24 - £25	Mar 2015							

 Shows the stage the project is at based on the information available to us. CAD: Computer Aided Design. 1st EP: First Engineering Prototype. TBC: Price is yet To Be Confirmed (EST): Price is estimated.

You can view extended lists, preorder & comment on all of these projects at

www.hattons.co.uk/projectupdates

Information correct at the time of going to press. All information subject to change

17 Montague Road, Widnes, WA8 8FZ
T: 0151 733 3655 E: info@hattons.co.uk



OO Gauge (1:76 Scale)
Steam locos

J9405 Austerity 0-6-0ST "Hurricane" in NCB Bickershaw Colliery lined green - lightly weathered - Ltd Ed of 200 (DJ) . . . £99
J9401 Austerity 0-6-0ST "Robert" NCB Bold Colliery lined green - Ltd Ed of 200 (DJ) . . . £99
J9404 Austerity 0-6-0ST 1763 in NCB Peckfield Colliery lined maroon chevrons - very heavily weathered - Ltd Ed of 200 (DJ) . . . £99

J9406 Austerity 0-6-0ST 8 in NCB Mountain Ash Colliery lined green - very heavily weathered - Ltd Ed of 200 (DJ) £99

J9408 Austerity 0-6-0ST 98 "Royal Engineer" in Army green - Ltd Ed of 200 (DJ) . . . £99
J9410 Austerity 0-6-0ST No 15 in Wemyss Private Railway lined brown - Ltd Ed of 200 (DJ) . . . £99
J9407 Austerity 0-6-0ST No 4 in NCB Backworth Colliery lined black - Ltd Ed of 200 (DJ) . . . £99
GV2018 Barclay 0-6-0T "Ajax" in lined black (Gol) . . . £54

GV2017 Barclay 0-6-0T No.629 in Great Western Railway lined green (Gol) . . . £54

R3292 Class 0F Pug 0-4-0ST 56011 in BR black - Hornby 2014 Collectors Club special edition (Hor) (list £24.99) BARGAIN . . . £17
31-931 Class 1000 Midland Compound 4-4-0 1189 in LMS black (Bac) (list £139.95) . . . BARGAIN . . . £89

31-932DC Class 1000 Midland Compound 4-4-0 40934 in BR lined black early emblem. DCC Fitted (Bac) (list £159.95) . . . BARGAIN . . . £89

31-933 Class 1000 Midland Compound 4-4-0 41157 in BR lined black late crest (Bac) (list £139.95) BARGAIN . . . £79

31-433 Class 1F "Hall-Cab" 0-6-0T 1739 in LMS black (Bac) . . . £81.56
31-435 Class 1F 0-6-0T 41726 in BR black early emblem (Bac) . . . £81.56
R3106 Class 26xx 2-6-0 2807 in GWR Green, as preserved (Hor) . . . £120

31-440 Class 2MT Ivatt 2-6-2T 41243 in BR lined black early emblem (Bac) . . . £110.46
31-441DC Class 2MT Ivatt 2-6-2T 41291 in BR lined black late crest - DCC Fitted (Bac) . . . £131.71

R3315 Class 2P 4-4-0 40602 in BR Black late crest (Hor) (list £99.99) . . . BARGAIN . . . £61

R3316 Class 2P 4-4-0 44 in Somerset & Dorset Joint Railway prussian blue (Hor) (list £99.99) BARGAIN . . . £61
31-127 Class 30xx 2-6-0 ROD 3023 in BR black early emblem (Bac) (list £129.95) . . . BARGAIN . . . £80

31-088 Class 32xx 4-4-0 Dukedog 9028 in BR black early emblem (Bac) . . . £118.96

31-728 Class 3700 City 4-4-0 3708 "Killarney" in Great Western green (Bac) . . . £118.96
32-235 Class 3F Fowler Jinty 0-6-0 tank 47673 in BR black late crest - weathered (Bac) . . . £80.71
32-227B Class 3F Fowler Jinty 0-6-0 tank 7341 in LMS black (Bac) £72.21

R2882 Class 3P Jinty 0-6-0T 24 in S&DJR Blue (Railroad range) (Hor) (list £32.49) . . . BARGAIN . . . £21
R3334 Class 415 Adams Radial 4-4-2T 30562 BR black late crest (Hor) £111.10
R3333 Class 415 Adams Radial 4-4-2T 30584 BR black early emblem (Hor) . . . £111.10

R3335 Class 415 Adams Radial 4-4-2T 488 in LSWR (as preserved) (Hor) . . . £111.10

32-131 Class 45xx 2-6-2 Prairie tank 4539 in Great Western green (Bac) . . . £84.96

R3170 Class 49xx 4-6-0 4901 "Adderley Hall" in GWR Green - Railroad range (Hor) . . . £67

R3499 Class 49xx 4-6-0 6947 "Helmingsham Hall" in BR Green late crest - Railroad range (Hor) . . . £75

R3313 Class 4F 0-6-0 4323 in LMS Black (Hor) (list £99.99) . . . BARGAIN . . . £58

R3314 Class 4F 0-6-0 44341 in BR Black early crest (Hor) (list £99.99) . . . BARGAIN . . . £58
32-882 Class 4MT Fairburn 2-6-4 tank 42062 BR lined black late crest (Bac) . . . £106.21

32-580A Class 4MT Ivatt 2-6-0 43014 in BR black late crest - weathered (Bac) . . . £127.46
31-168 Class 5 L&YR 2-4-2T 10713 in LMS crimson (Bac) . . . £90.06

R3463 Class 52xx 2-8-0 5231 in BR Black early emblem (Hor) . . . £108
32-085 Class 56XX 0-6-2 6639 in BR black early emblem (Bac) . . . £76.46
32-084 Class 56XX 0-6-2 6677 in GWR green (Bac) . . . £76.46

R3323 Class 5MT Black 5 4-6-0 44694 in BR Black late crest (Hor) . . . £124.99

31-188 Class 5XP Jubilee 4-6-0 45565 "Victoria" in BR lined green late crest - weathered (Bac) . . . £127.46

R3384TTS Class 6000 King 4-6-0 6006 "King George I" in BR Green late crest - TTS sound fitted (Hor) . . . £166

31-638 Class 64xx 0-6-0PT pannier tank 6419 in BR lined green late crest - weathered (Bac) NEW . . . £90.05

31-636A Class 64xx 0-6-0PT pannier tank 6422 in BR black early emblem (Bac) NEW . . . £81.55

31-635A Class 64xx 0-6-0PT pannier tank 6424 in GWR green (Bac) NEW . . . £81.55
R3278 Class 6P Patriot 4-6-0 45518 "Bradshaw" in BR Green early crest - Railroad range (Hor) . . . £64.80
R3168U Class 8P 4-6-2 71000 "Duke of Gloucester" in BR Green late crest (Railroad range) - Split from R1177 set (Hor) . . . £72

R3288 Class 9F 2-10-0 92220 "Evening Star" in BR Green late crest (Hor) . . . £89

R3439 Class A1 4-6-2 2554 "Woolwinder" in LNER apple green - gloss finish (Hor) . . . £132.50

R3086 Class A1 4-6-2 4472 "Flying Scotsman" in LNER apple green - Railroad Range (Hor) (list £94.99) BARGAIN £55

R3284TTS Class A1 4-6-2 4472 "Flying Scotsman" in LNER Green TTS Sound - Railroad range (Hor) . . . £92.70

R3060 Class A1 4-6-2 60163 "Tomado" in British Railways Apple Green (Railroad Range) (Hor) (list £99.99) BARGAIN . . . £79

32-560 Class A1 60117 4-6-2 in BR apple green British Railways lettering (Bac) . . . £152.96

32-561 Class A1 60122 4-6-2 "Curlew" in BR express blue early emblem (Bac) . . . £152.96

R3467 Class A1X "Terrier" 0-6-0ST 751 in SE&CR Green (Hor) . . . £66
31-528A Class A2 4-6-2 60529 "Pearl Diver" BR lined green late crest (Bac) . . . £144.45

R3437 Class A3 4-6-2 2503 "Firdaussi" in LNER apple green - gloss finish (Hor) . . . £132.50

R3132 Class A3 4-6-2 2599 "Book Law" in LNER apple green (Hor) (list £152.99) . . . BARGAIN . . . £99

R3250 Class A3 4-6-2 4472 "Flying Scotsman" in LNER apple green - 1984 condition - Ltd Ed of 500 (Hor) (list £135) . . . BARGAIN . . . £115

R3336 Class A3 4-6-2 4472 "Flying Scotsman" in LNER Green - NRM Special Edition (Hor) (list £169.99) . . . BARGAIN . . . £124

R3312 Class A3 4-6-2 60062 "Minoru" in BR Green early emblem (Hor) (list £154.99) . . . BARGAIN . . . £94

R3443 Class A3 4-6-2 60103 "Flying Scotsman" in BR brunswick green late crest - as preserved (Hor) . . . £153

R3371 Class A4 4-6-2 4468 "Mallard" in LNER garter blue - Railroad range (Hor) . . . £74.06

R3441 Class A4 4-6-2 4499 "Sir Murrough Wilson" in LNER wartime black (Hor) . . . £131

R3338 Class B1 4-6-0 61310 in BR Apple Green (Hor) (list £155.99) . . . BARGAIN . . . £87

R3447 Class B17 4-6-0 2842 "Kilverstone Hall" in LNER Lined Apple Green (Hor) . . . £127
R3448 Class B17 4-6-0 61619 "Welbeck Abbey" in BR early emblem (Hor) £127

R3004 Class B17 4-6-0 61631 "Serlby Hall" in BR Green early emblem - weathered (Hor) (list £131.99) BARGAIN . . . £79

R3318 Class B17/6 4-6-0 61646 "Gilwell Park" in BR Green early emblem (Hor) (list £131.99) BARGAIN . . . £74
31-462A Class C Wainwright 0-6-0 31227 BR black early emblem (Bac) . . . £106.21

R3235 Class D16/3 "Claud Hamilton" 4-4-0 E2524 in early BR Black (Hor) (list £109.99) . . . BARGAIN . . . £73

UK P&P £4 PER ORDER
£2 per single diecast item

£7 guaranteed Next Day delivery
 (Orders before 2pm)



R3433 Class D16/3 4-4-0 'Claud Hamilton' 8900 in LNER Lined Apple Green (Hor) £109



35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95) BARGAIN £80
 35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCRumber (Bac) (list £109.95) BARGAIN £90
 31-480 Class G2A Super D 0-8-0 9376 LMS black tender back cab (Hel) £101.96



R3380 Class J15 0-6-0 7510 in LNER Black (Hor) (list £109.99) BARGAIN £76
 R3326 Class J50/3 0-6-0T 68971 in BR Black late crest (Hor) £74.06



R3242A Class K1 2-6-0 62032 in BR Black early emblem (Hor) (list £129.99) BARGAIN £82



R3243B Class K1 2-6-0 62064 in BR Black late crest (Hor) (list £129.99) BARGAIN £82
 32-279A Class K3 2-6-0 1304 in LNER black (Bac) £118.96
 32-281 Class K3 2-6-0 61862 in BR black early emblem (Bac) £118.96



R3456 Class N15 King Arthur 4-6-0 30792 'Sir Hervis de Revel' in BR Lined Green early emblem (Hor) £140
 R3465 Class N2 0-6-2T 4785 in LNER Lined Black (Hor) £83



R3440 Class P2 2-6-2 2001 'Cock O' The North' in LNER apple green - gloss finish (Hor) £122.50



R3424 Class Q6 Raven 0-8-0 63418 in LNER Black (Hor) £118.99



R3426 Class Q6 Raven 0-8-0 63429 in BR Black late crest (Hor) £118.99
 R3425 Class Q6 Raven 0-8-0 63443 in BR Black early crest (Hor) £118.99
 R3411 Class S15 4-6-0 827 in Southern Railway wartime black (Hor) £122



R3457 Class T9 4-4-0 116 in Southern Green (Hor) £118
 31-615 Class V3 2-6-2T 67690 in BR lined black early emblem (Bac) £110.46



R3279 County Class 4-6-0 1016 'County Of Hants' in BR Green early crest - Railroad range (Hor) £69.50



31-981 Standard Class 3MT tank 82021 in BR lined black early emblem (Bac) £101.96
 32-359A Standard Class 4MT 2-6-4T 80022 BR black early emblem (Bac) £110.46



32-360A Standard Class 4MT 2-6-4T 80104 in BR lined black late crest (Bac) £110.46



32-353 Standard Class 4MT 2-6-4T 80135 in BR green late crest (As Preserved) (Bac) £110.46



32-508 Standard Class 5MT 73049 in BR lined green late crest & BR1 tender (Bac) (list £129.95) BARGAIN £82



32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (list £129.95) BARGAIN £89



32-858 Standard Class 9F 2-10-0 92189 in BR black late crest & BR1F tender - weathered (Bac) NEW £140.21



R3500 The Sir Nigel Gresley Collection (Hor) NEW £480
 R9288 Thomas & Friends - 0-4-0ST No.6 Percy the small engine (Hor) £36



R9287 Thomas & Friends - 0-6-0T No.1 Thomas the Tank Engine (Hor) £36



R9290 Thomas & Friends - 2-6-0 No.5 James the red engine (Hor) £67.50
 R9289 Thomas & Friends - 4-4-0 No.2 Edward the blue engine (Hor) £72



R3299 'Going Home' train pack - 70th Anniversary of the end of WW2 Black 5 4-6-0 5156 in LMS Black and 3 x LMS Period 3 Coaches - Ltd Ed (Hor) (list £289.99) BARGAIN £150



30-430 Capital Commuter train pack Class 416 in Network SouthEast and low relief station building (Bac) NEW £178.45



30-425 Class 251 Midland Pullman train pack in Pullman nanking blue - Collectors Edition (Bac) £490
 R3399 EWS Freight Train Pack - Ltd Ed (Hor) £188



R2670 GWR Freight Train Pack Class 101 steam loco and three wagons - Railroad Range (Hor) (list £44.49) BARGAIN £30
 30-575 The Railway Children Train Pack GWR 57xx Panther in GWSR, 2 x GWSR Coaches & Scarecraff Oakworth Station Building (Bac) £114.71



R3501 Virgin Trains East Coast train pack Class 91 91124 & Mk4 DVT 82219 in VTEC - Ltd Ed of 1000 (Hor) £183



R3300 Winston Churchill's Funeral Train Pack Battle of Britain class 4-6-2 34051 'Winston Churchill' in BR green Late crest, 2 Pullman coaches & SR Baggage car - Ltd Ed (Hor) £222.21



10001 HAP 10001 BR Bruntswick green orange, black & orange lining Aug 1956 - Oct 1957 (Dap) (list £105) BARGAIN £94
 R3283 Bagnall shunter in red - Railroad range (Hor) (list £32.99) BARGAIN £21
 30-130Loco Class 03 MoD 2144 'Western Waggoner' in MoD Army Green - Split from 30-130 set (Bac) £70
 2501 Class 05 Hunslet shunter D2578 BR green wasp stripes (preserved) (Hel) £100



R3065 Class 06 Shunter 06008 in BR blue (Railroad Range) (Hor) (list £32.99) BARGAIN £19



R3342 Class 08 Shunter 08489 in BR blue (Hor) (list £119.99) BARGAIN £93
 32-120 Class 08 Shunter 13287 in BR Plain Green Early Emblem (Bac) £84.96



1602 Class 16 North British diesel D8404 BR green Stratford-style yellow warning panels. Ltd Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72
 1603 Class 16 North British diesel D8407 BR green with full yellow ends. Ltd Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72



1604 Class 16 North British diesel D8409 BR green grey roof. Gloss finish. Ltd Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72
 1718 Class 17 D8523 in blue full yellow ends (Hel) £94



1719 Class 17 D8558 in BR green small yellow panels (Hel) £94



30-049Loco Class 20 20088 in BR railfreight triple grey - DCC Sound Fitted - Split from 30-049 set (Bac) BARGAIN £154
 32-045 Class 20 20118 'Saltburn-by-the-Sea' BR Railfreight Red Stripe (Bac) £93.46



32-331 Class 25/1 25043 in BR Green Full Yellow Ends (weathered) (Bac) £89.21



2809* Class 28 Co-Bo Diesel D5708 BR Green Full Yellow Ends. (Hel) (list £125) BARGAIN £89
 3349 Class 32/1 33119 in BR Blue full yellow ends (Hel) £94
 3348 Class 33/1 D6511 in BR Blue full yellow ends (Hel) £94



3525 Class 35 Hymek 7011 in BR blue full yellow ends (Hel) NEW £101



3522 Class 35 Hymek D7012 in BR two-tone green no yellow ends (Hel) NEW £101



3523 Class 35 Hymek D7054 in BR two tone green yellow warning panels (Hel) NEW £101
 3519 Class 35 Hymek D7064 in BR blue small yellow warning panels (Hel) £94



3524 Class 35 Hymek D7076 in BR green full yellow ends (as preserved) (Hel) NEW £101



32-786 Class 37/0 37174 in EWS Domino Headcode (weathered) (Bac) £106.21
 32-390 Class 37/7 37706 'Conidae' in Railfreight Petroleum (Bac) £101.96
 32-484 Class 40 40159 in BR Blue (Bac) £118.96



R3392TTS Class 40 40164 in BR blue - TTS sound fitted - Railroad Range (Hor) (list £99.99) BARGAIN £74



32-482 Class 40 97407 'Aureol' in BR Blue (Bac) £131.71



32-483 Class 40 D338 in BR Green small yellow panel (Bac) £118.96
 R3491 Class 42 Warship D805 'Benbow' BR green (Hor) (list £64.99) BARGAIN £39
 32-680 Class 45 45036 in BR Blue Split Centre Headcode (Bac) £101.96
 31-666 Class 47/0 47256 BR Green Full Yellow Ends - weathered (Bac) £127.46



32-816 Class 47/3 47365 'Diamond Jubilee' in BR Railfreight Distribution Livery (Bac) (list £114.95) BARGAIN £72



31-660 Class 47/4 47436 in BR Large Logo Blue (Bac) £114.71



R3482 Class 4DH Sentinel DH16 in MSC (Manchester Ship Canal) (Hor) £53
 R3483 Class 4DH Sentinel in Crossley and Evans (Hor) £53



R3471 Class 50 50026 'Indomitable' in original Network SouthEast (Hor) NEW £153.44



4D-003-011 Class 52 D1002 'Western Explorer' in BR green small yellow panels (Dap) £109



4D-003-007 Class 52 diesel D1012 'Western Firebrand' in BR maroon small yellow panels (Dap) £119



4D-003-012 Class 52 diesel loco D1026 'Western Centurion' in BR blue full yellow ends - weathered (Dap) £113

Visit

www.hattons.co.uk/hm

16,000+ items available
with live stock information



5311 Class 53 D0280 "Falcon" in BR two tone green - Ltd Ed (Hel) £125



5313 Class 53 D0280 "Falcon" in original lime green and brown - Ltd Ed (Hel) **NEW** £125



5312 Class 53 D1200 "Falcon" in BR blue - Ltd Ed (Hel) £125



R3479 Class 60 60066 in DB Schenker/Drax Powering Tomorrow silver (Hor) **NEW** £158.39



R3487 Class 66 66079 "James Nightall GC" in EWS (Hor)...£79



32-981 Class 66 66416 in Freightliner Powerhaul (Bac) £127.46



32-982 Class 66 66434 in DRS blue Compass Logos (Bac) £127.46



R3268 Class 67 67003 Arriva Trains Wales (Hor) (list £139.99) BARGAIN £112



R3388TTS Class 67 67004 "Cairn Gorm" in Caledonian Sleeper - TTS sound fitted (Hor) (list £184.99) BARGAIN £144



R3481 Class 67 67025 "Western Star" EWS (Hor) (list £169.99) BARGAIN £110



4000 Hawker Siddeley Brush HS4000 "Kestrel" prototype diesel electric loco (Hel) £150



32-992 Type 27 Wickham Trolley and trailer TR23 in BR engineers yellow (Bac) **NEW** £67.96



R3374 Class 71 71012 in BR blue (Hor) £127.50



R3373 Class 71 71012 in BR green (Hor) £127.50



R3350 Class 90 90029 in DB Schenker (Hor) (list £69.99) BARGAIN £49



R3480 Class 92 92016 "Brahm's" in Railfreight grey EWS "Beastie" vinyls (Hor) (list £99.99) BARGAIN £52



9008 Metropolitan Bo-Bo electric 12 "Sarah Siddons" in Metropolitan livery (As currently preserved) (Hel) ... £108



HSTs

R3390TTS Pair of Class 43 HST Power Cars in Virgin Trains East Coast - TTS sound fitted (Hor) £223



32-285 Class 101 2 Car DMU in BR green speed whiskers "Newcastle/Middlesbrough" (Bac) £135.96



32-289 Class 101 2 car DMU in BR white and blue passenger figures (Bac) **NEW** £169.96



31-535 Class 105 Cravens 2 Car DMU in BR blue full yellow ends (Power Twin Unit) (Bac) (list £119.95) BARGAIN £78



32-905 Class 106 2-car DMU in BR blue & grey full yellow ends (Bac) (list £139.95) BARGAIN £72.50



32-912 Class 108 3 Car DMU in BR blue full yellow ends (Bac) (list £169.95) BARGAIN £86



8920 Class 128 DPU 55991 in BR blue yellow ends "Parcels Service" (Hel) (list £119.95) BARGAIN £59



8923 Class 128 DPU 55991 in Royal Mail Letters red (Hel) (list £119.95) BARGAIN £59



8921 Class 128 DPU 55992 Royal Mail Letters red (Hel) (list £119.95) BARGAIN £59



8993 Class 128 DPU in BR Blue full yellow ends and Midland style fronts M55990 (Hel) (list £119.95) BARGAIN £52



8992 Class 128 DPU in BR Blue small yellow panels and Midland style fronts M55990 (Hel) (list £119.95) BARGAIN £52



8991 Class 128 DPU in BR green small yellow panels & Midland style fronts M55989 (Hel) (list £119.95) BARGAIN £69



8922 Class 128 DPU W55982 in BR blue yellow ends & no branding "Scooby Doo" - weathered (Hel) (list £129.95) BARGAIN £59



32-937 Class 150 2 car DMU 150322 in Centro blue stripe (Bac) £140.21



R3477 Class 153 153321 in Regional Railways (Hor) £88



8752 Park Royal Railbus M79971 in BR green speed whiskers (Hel) £97

8750 Park Royal Railbus SC79970 in BR green speed whiskers (Hel) £97

8801 Railcar W79976 in BR light green speed whiskers. Matt finish (Hel) £94



R3341 Class 2-HAL 2 Car EMU 2677 in BR blue (Hor) (list £130.25) BARGAIN £62



R3341A Class 2-HAL 2623 2 car EMU in BR blue (Hor) (list £149.99) BARGAIN £62



31-380 Class 416 2-EPB EMU 6262 in BR blue & grey Network SouthEast branding (Bac) **NEW** £186.96

31-378 Class 416 2EPB 2 Car EMU 5771 in BR green no yellow panel (Bac) £186.96

31-266 Class 419 Motor Luggage Van (MLV) in BR Southern Region green yellow panel (Bac) (list £104.95) BARGAIN £64



31-236X Class 205 2-H "Thumper" 1121 in BR green small yellow panel - Exclusive to Kermow MRC (Bac) £204



R1151 Caledonian Belle trainset 0-4-0 steam loco in blue 4 wheel coach & open wagon (Hor) (list £49.99) BARGAIN £35

R1177 Gloucester City Pullman Train Set Class 8 4-6-2 71000 "Duke of Gloucester" in BR lined green 3 Pullman coaches (2 x ParLOUR, 1 x Brake) (Hor) (list £184.99) BARGAIN £144



R1155 Pendolino trainset 390004 in Virgin Trains "Alstom Pendolino" branding (Hor) £150

30-285 The Midlander Express train set (Bac) £178.45

30-165 The Thanet Flyer train set (Bac) £152.95



R9285 Thomas Passenger and Goods Train Set (Hor) £88



R1173 e-Link DCC Western Master train set GWR Class 2721 steam loco & 3 wagons (Hor) £124



R1172 e-Link Majestic train set A1 Pacific Peppercorn Class in Experimental blue & BR Class 47 (Hor) (list £299.99) BARGAIN £230



R1126 Mixed Freight DCC digital train set Class 08 0-6-0 BR diesel electric loco, steam loco & 4 wagons (Hor) £165



R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) (list £199.99) BARGAIN £115



30-049 The Permanent Way DCC train set Digital Sound (Bac) £233.70



R4677 57 non-corridor brake third 20724 LMS crimson (Hor) (list £40.25) BARGAIN £27

39-321 BR Mk1 BSP Pullman bar 2nd coach in blue/grey (with lighting) (Bac) (list £48.95) BARGAIN £24

39-291A BR Mk1 FP Pullman parlour 1st coach in blue grey (with lighting) (Bac) (list £48.95) BARGAIN £24



39-050G BR Mk1 SO E5057 Second Open Blue & Grey (Bac) £33.11

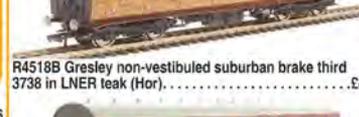
39-200C BR Mk1 Super BG Full Brake RES - Weathered (Bac) (list £39.95) BARGAIN £18

39-778 ex-LMS 50' inspection saloon DM45029 EWS maroon and gold (Bac) £50.96



39-779 ex-LMS 50' inspection saloon M45035M in BR maroon (Bac) £50.96

R4531C Gresley 6'11" 6' full brake in BR maroon (Hor) (list £48.99) BARGAIN £35



R4518B Gresley non-vestibled suburban brake third 3738 in LNER teak (Hor) £40



R4517B Gresley non-vestibled suburban composite in LNER teak (Hor) £40



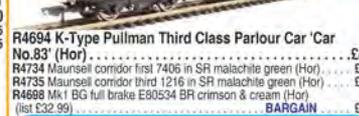
R4516B Gresley non-vestibled suburban third class 21022 in LNER teak (Hor) £40

R4695 K-Type Pullman First Class Kitchen Car 'Joan' (Hor) £44

R4697 K-Type Pullman First Class Parlour Car 'Unsula' (Hor) £44

R4693 K-Type Pullman Third Class brake 'Car No.78' (Hor) £44

R4695 K-Type Pullman Third Class Parlour Brake Car 'Car No.80' (Hor) £44

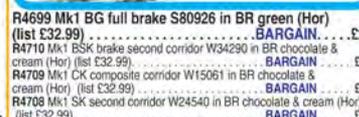


R4694 K-Type Pullman Third Class Parlour Car 'Car No.83' (Hor) £44

R4734 Maunsell corridor first 7406 in SR malachite green (Hor) £35

R4735 Maunsell corridor third 1216 in SR malachite green (Hor) £35

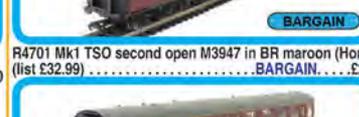
R4698 Mk1 BG full brake E80534 BR crimson & cream (Hor) (list £32.99) BARGAIN £22



R4699 Mk1 BG full brake S80926 in BR green (Hor) (list £32.99) BARGAIN £22

R4709 Mk1 CK composite corridor W15061 in BR chocolate & cream (Hor) (list £32.99) BARGAIN £22

R4708 Mk1 SK second corridor W24540 in BR chocolate & cream (Hor) (list £32.99) BARGAIN £22



R4701 Mk1 TSO second open M3947 in BR maroon (Hor) (list £32.99) BARGAIN £22



R4700 Mk1 TSO second open M4487 in BR maroon (Hor) (list £32.99) BARGAIN £22

Coaches

Train sets - analogue

Train sets - DCC



Prices valid until 11/01/17

Orders received after this date for products that have increased in price will be given a refund

BARGAIN

R4644A Mk1 TSO second open W4760 in BR chocolate & cream (Hor) (list £24.99) **BARGAIN** £16

BARGAIN

R4655 Mk3 DVT driving van trailer 82146 in DB Schenker silver (Hor) (list £42.99) **BARGAIN** £26

BARGAIN

R4597 Mk3 SLEP Sleeper 10601 in First Great Western Night Riviera (Hor) (list £28.49) **BARGAIN** £17

NEW

R4752 Mk3 TFO trailer first open 41159 in Virgin Trains East Coast (Hor) **NEW** £29.69

NEW

R4730 Mk3 TFO trailer first open W41003 in BR blue & grey (Hor) £27

NEW

R4750 Mk3 TGS trailer guard second 44050 in Virgin Trains East Coast (Hor) **NEW** £29.69

NEW

R4751A Mk3 TSO trailer second open 42130 in Virgin Trains East Coast (Hor) **NEW** £29.69

NEW

R4751B Mk3 TSO trailer second open W42003 in BR blue & grey (Hor) **NEW** £27

NEW

R4751C Mk3 TSO trailer second open 42322 in Virgin Trains East Coast (Hor) **NEW** £29.69

BARGAIN

R4663 Pullman First Class Kitchen Car - K-Type Pullman Car (Hor) (list £49.99) **BARGAIN** £33

BARGAIN

R4664 Pullman First Class Parlour Car - K-Type Pullman Car (Hor) (list £49.99) **BARGAIN** £33

BARGAIN

R4662 Pullman Third Class Brake Parlour Car - K-Type Pullman Car (Hor) (list £49.99) **BARGAIN** £33

BARGAIN

R4661 Pullman Third Class Parlour Car - K-Type Pullman Car (Hor) (list £49.99) **BARGAIN** £33

BARGAIN

R4661 Pullman Third Class Parlour Car - K-Type Pullman Car (Hor) (list £49.99) **BARGAIN** £33

Wagons

38-116 100 Ton TEA Bogie Tank Wagon 'Aviation Fuel' (Bac) £35.66

37-854C 104 Tonne glw HTA Bulk Coal Hopper Wagon EWS Weathered (Bac) £39.06

38-554 20T Midland Brake Van M623 in Midland Railway grey (Bac) £29.76

NEW

4F-040-019 4-plank open wagon 'Arnold Sands' (Dap) **NEW** £9.50

NEW

37-587 45 T TTA tank wagon in Aviation Fuel green - weathered (Bac) **NEW** £21.21

NEW

37-326C 90 Tonne JGA Bogie Hopper in RMC - weathered (Bac) **NEW** £36.51

BARGAIN

R6367 Coal train pack - pack of 3 open wagons in EWS - Railroad Range (Hor) (list £19.99) **BARGAIN** £14

BARGAIN

R6724 Drax 102t biomass hopper in Drax 'powering tomorrow' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

BARGAIN

R6723 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

BARGAIN

R6725 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

BARGAIN

R6725 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

BARGAIN

R6725 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

BARGAIN

R6473 Pack of 3 16 ton mineral wagons in BR bauxite - Railroad Range (Hor) (list £19.99) **BARGAIN** £15

BARGAIN

R6712A Pack of 3 five-plank open wagons in BR bauxite (Hor) (list £24.99) **BARGAIN** £15

BARGAIN

R6789 Railroad Fuel Tanker Triple Pack - BP, Texaco, Total (Hor) £16

Wagons

33-090 Triple Pack 5 Plank China Clay Wagon Flat Hood GWR Brown (Bac) £31.41

Analogue controllers

R8012 HM2000 High output power & speed controller, mains supply (Hor) £87

BARGAIN

36-560U Power Controller (0.7amp) transformer plug and track connections - split from set (Bac) (list £27.60) **BARGAIN** £20

DCC decoders

36-554 21-pin 3-function 2-sided 1A decoder back EMF for slow running (Bac) £12

BARGAIN

36-557 Pack of 5 21-pin E-Z Command 4-function 1A decoder back EMF (Bac) (list £92.50) **BARGAIN** £70

BPDC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23 x 27w x 10d mm) x 5 (Gau) £71

BARGAIN

R8249 Box of 6 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) £76

36-567 Next16-Pin DCC decoder (Bac) £18.65

DCC accessory decoders

R8247 DCC accessory decoder (for points and motors) (Hor) £40

DCC controllers

R8213 DCC Select unit (boxed) (Hor) £90

DCC accessories

36-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71

BARGAIN

R8238 DCC reverse loop control module (Hor) (list £39.99) **BARGAIN** £12

BARGAIN

R8239 Power and Signal Booster - can be used any DCC controlled system (Hor) (list £99.99) **BARGAIN** £25

Point motors

R8014 Mark 2 Point Motor (Hor) £7.50

Switches & Levers

R8243 Surface Mounted point motor (Hor) £7.50

Lighting equipment

R8952 Bulbs for Skale Lighting system (x 4) (Hor) £5

Accessories

44492 OO gauge Re-railing ramp (Bac) **NEW** £3

Spares

SL-110 Finescale rail joiners/fishplates (for code 70, 75 & 83) for OO & HO gauge - Pack of 24 (Pec) £2

Wheel sets

36-010 Pair of Collet bogies (Bac) £6.50

Man-made scenic structure - railway-related

89121 21.5 metre (90ft) Motorised turntable - ready for installation. Upgraded 89111. For HO/OO scales. DCC ready (Hel) £199

LK-55 76ft Well type turntable (Pec) £38

R083 Buffer Stop (Hor) £9.80

R070 Electrically Operated Turntable (Hor) £64

R514 Platform Canopy x 2 (Hor) £12

Signals

D56 One Touch dual head home signal (red/green) - DCC fitted (Tra) £32

Buildings - general

44-040 Diesel fueling point - Sonecratt range (162 x 37 x 56mm) (Bac) £13

Man-made scenic structure - non-railway

44-016 Fuel Storage Tanks (Bac) £33.96

Bridges, Tunnels & Walls

R660 Elevated sidewalks (320mm length) (Hor) £19

People - civil

36-408 12 x Seated Coach Passengers (Bac) £10.16

Track - Code 100 Setrack

ST-245 Setrack curved double radius left handed point insulfrog (Pec) £14

Track - Code 100 Streamline

SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) £66

SL-E99 3 way medium radius point electrofrog (Pec) £25

SL-90 Double slip insulfrog (Pec) £31

SL-E87 Left hand curved point electrofrog (Pec) £12.50

SL-E89 Left hand large point electrofrog (Pec) £12

SL-E86 Right hand curved point electrofrog (Pec) £12.50

SL-E95 Right hand medium point electrofrog (Pec) £10



Opening hours

Store: 09:00 - 17:00 Mon - Sun



07:30 - 18:00 Mon-Sat
09:00 - 17:00 Sun



SL-100F Pack of 25 1 yard (91.5cm) length of Nickel Silver Finescale flexible track (Pec) £72
SL-100F Single (Pec) £3



SL-E199 3 way finescale medium radius point electrofrog (Pec) £27
SL-E190 Finescale double slip electrofrog (code 75 Rail) (Pec) £35
SL-E187 Finescale left hand curved point electrofrog (Pec) £12.50
SL-E189 Finescale left hand large point electrofrog (Pec) £12



SL-E196 Finescale left hand medium point electrofrog (Pec) £12



SL-E192 Finescale left hand small point electrofrog (Pec) £10



SL-E186 Finescale right hand curved point electrofrog (Pec) £12.50
SL-E188 Finescale right hand large point electrofrog (Pec) £12
SL-E195 Finescale right hand medium point electrofrog (Pec) £12



SL-E191 Finescale right hand small point electrofrog (Pec) £10

Track & Points

R605 1st radius double curve (8 make a circle) (Hor) £2.40
R605 Circle of 8 (Hor) £15
R607 2nd radius double curve track (8 make a circle) (Hor) £2.25
R607 Circle of 8 (Hor) £18
R609 3rd radius double curve track (8 make a circle) (Hor) £2.60
R609 Circle of 8 (Hor) £20
R626 Double 4th radius curve (8 make a circle) (Hor) £3
R621 Double Straight (Hor) £2.10
R601 Box of 24 (Hor) £47
R8222 Extension Pack B. Contains 1 x R8072, 2 x R600, 4 x R607, 1 x R606, 1 x R083 (Hor) £24
R8223 Extension Pack C. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606 (Hor) £24
R8224 Extension Pack D. 1 x R8072, 3 x R605, 1 x R608, 1 x R636, 1 x R083 (Hor) £38
R8226 Extension Pack F. Contains 1 x R8072, 1 x R8073, 2 x R600, 2 x R606, 1 x R083 (Hor) £22.50



R8072 Left Hand Standard Point (Hor) £9
36-872 Left hand standard point (Bac) £7.52
R603 Long Straight (Hor) £3
36-603 Long straight track nickel silver (same as R603) (Bac) £2.76
36-603 Box of 10 (Bac) (list £34) BARGAIN £24.80



R8073 Right Hand Standard Point (Hor) £9
36-873 Right hand standard point (Bac) £7.52
ST-100 Setback Starter Track Set - Second Radius (Pec) £54
R621 Single 970mm length of flexible track (Hor) £3
R621 Pack of 24 (Hor) £96
R608 Standard Straight (Hor) £1.35
R608 Box of 24 (Hor) £31

Track underlay

ST1474 24' Of OO/HO Gauge Track Underlay In A Continuous Roll - 5mm x 1.75 x 24' (Wool) £7.40



GM200 5 metres of realistic grey ballasted OO gauge underlay (Gau) £19.50
R638 Roll of track foam underlay Approx: 4800mm (16ft) (Hor) £9

Buses

B208C Bristol M/VEG "Crossville" - "Barnmouth" (Bas) £16
OM4117A Daimler ROE, Glasgow Corporation, 45 Rouken Glen (Cor) £30
28004AS DMS 1 DOOR 20TH ANNIVERSARY SPECIAL (EFE) NEW £25
28603EFE GM Standard Leyland Altantean d/dec bus "P.M.T./First Pennine" (EFE) NEW £17

NEW



28825 Leyland Titan 2 Door Prototype London Transport-Bachmann exclusive (EFE) NEW £34
OM4661B New Routemaster, Go-Ahead London, Heritage General Livery, 11 Fulham Broadway (Cor) £29
76RM113 Routemaster Kelvin Scottish (Oxf) NEW £7.50
OM46712B Wright Eclipse 2, Lothian Buses, 21 Leith Links (Cor) £29

Cars

76AUS003 Austin 1300 Glacier White (Oxf) NEW £4.95
76ACF004 Austin Cambridge Fanna Gramplan Grey/Cumulus Grey (Gaydon) (Oxf) NEW £4.95
76AH3004 Austin Healey 3000 British Racing Green (Oxf) NEW £4.50
76BB001 Bentley Blower Le Mans 1930 No.9 Birkin/Chassagne (Oxf) £4
76BT2004 Bentley 12 Saloon Seydhales Blue/Shell Grey (Oxf) NEW £4.50
76DTYP004 Jaguar D Type Green (Oxf) NEW £4.50

NEW



76ETYP011 Jaguar E Type DHC Closed Carmen Red (Oxf) NEW £4.50
76LRF006 Land Rover Defender 90 Station Wagon Santonini Black (Oxf) NEW £4.95
76RR005 Range Rover Evoque Firenze Red (Oxf) NEW £4.50
76HB004 Vauxhall Viva HB Monaco White (Oxf) NEW £4.75

Commercial vehicles

76DAF001 DAF B5 40ft Box Trailer Royal Mail (Oxf) £18
76LV004 ERF LV Flatbed Trailer N Ireland Trailers (Oxf) NEW £11.50
76FT023 Ford Transit SWB Low Roof Network Rail (Oxf) NEW £4.50



76FBB001 Fowler BB1 16hp Ploughing Engine No.15145 Rusty Dorset (Oxf) £13
76TR013 Mobile Trailer Spicy Sanitas (Oxf) NEW £6.50
L15 Pack of two Forklift trucks - British Railways (Bas) £8
76SCT002 Scania Evo6 Car Transporter Quinns (Oxf) £26.70
76SCL16FR Scania Highline Fridge Steady Eddie (Oxf) NEW £18



76SHL01ST Scania Highline Nootboom 3 Axle Semi Low Loader Stobart Rail (Oxf) £19.40

Farming & Construction

76MF002 Massey Ferguson tractor - Yellow (Oxf) NEW £4.75

Military ground vehicles

76DT002 Diamond T980 Tank Transporter 1st Canadian Army - Italy 1943 (Oxf) £20
76LAN2015 Land Rover Series I Station Wagon Royal Navy (Oxf) NEW £4.95



76TAC001 TACR2 RAF Camouflage (Oxf) £8

Public Service vehicles

76CAP007 Ford Capri Mill Merseyside Police (Oxf) NEW £4.50

NEW



76FHP001 Fordson Heavy Pump Unit NFS (Oxf) NEW £10.80

NEW



76TN003 Thomycroft Nubian Bristol Airport (Oxf) NEW £12.10

HO Gauge (1:87 Scale)

Cars

87TR013 Mobile Trailer Spicy Sanitas (Oxf) NEW £6.50

N Gauge

372-312 Class 21C1 Merchant Navy 4-6-2 95028 'Cian Line' BR green late crest (Gra) £135.96
2S-010-002D Class 49xx Hall steam loco 4914 'Cranmore Hall' in BR lined green late crest, DCC fitted (Dap) £111
372-752 Class 4MT Fairburn 2-6-4T 42073 in BR black late crest (Gra) £97.71



372-535 Class 4MT Standard 2-6-4T 80027 BR lined black early emblem (Gra) £101.96



372-536 Class 4MT Standard 2-6-4T 80119 BR lined black late crest (Gra) £101.96
372-139 Class 5 4-6-0 45206 in BR Lined Black Early Emblem (Gra) £118.96



2S-007-012 Class 57xx Pannier 0-6-0 5764 in Great Western green (Dap) £61
2S-007-010D Class 57xx Pannier 0-6-0 8700 in GWR green shirburnton emblem - DCC Fitted (Dap) £62



371-987 Class 64xx 0-6-0 Pannier Tank 6412 in BR Lined Green late crest (Gra) £80.71



371-986 Class 64xx 0-6-0 Pannier Tank 6417 in BR Black early emblem (Gra) £80.71



371-985 Class 64xx 0-6-0PT Pannier Tank 6407 in GWR Green (Gra) £80.71
372-578 Class 6P Rebuilt Royal Scot 4-6-0 6100 'Royal Scot' in LMS Crimson (as preserved) (Gra) £118.96



ND095a Class 7MT Britannia 4-6-2 70000 'Britannia' in BR Green late crest and original smoke deflectors (Dap) £84



2S-017-001 Class 7MT Britannia 4-6-2 70006 'Robert Burns' in BR green early emblem (Dap) (list £129.95) BARGAIN £85



ND095b Class 7MT Britannia 4-6-2 70013 'Oliver Cromwell' in BR green early emblem (Dap) (list £129.95) BARGAIN £84
2S-017-003 Class 7MT Britannia 4-6-2 70015 'Apollo' in BR green early emblem (Dap) (list £129.95) BARGAIN £85



372-800B Class A1 4-6-2 60163 'Tornado' in BR Express blue (as preserved) (Gra) £135.96
2S-012-005 Class A1X Temer 0-6-0T 32655 BR black early crest (Dap) £83.66



2S-008-008 Class A4 4-6-2 4468 'Mallard' in LNER garter blue valances (Dap) NEW £128.83



2S-008-010 Class A4 4-6-2 4482 'Golden Eagle' in LNER apple green valances (Dap) NEW £128.83



2S-008-012 Class A4 4-6-2 4487 'Sea Eagle' in LNER garter blue valances (Dap) NEW £128.83
2S-008-012D Class A4 4-6-2 4487 'Sea Eagle' in LNER garter blue valances - DCC Fitted (Dap) NEW £150.57



2S-008-009 Class A4 4-6-2 4490 'Empire of India' in LNER garter blue valances - DCC Fitted (Dap) NEW £128.83
2S-008-009D Class A4 4-6-2 4490 'Empire of India' in LNER garter blue valances - DCC Fitted (Dap) NEW £150.57

372-933 Class N 2-6-0 810 in SECR grey (Gra) £106.21
2S-002-000D Class V Schools 4-4-0 30926 'Hepburn' in BR green late crest - DCC fitted (Dap) £142.50

Train packs

NEW



370-430 'Capital Connection' Network SouthEast train pack (Gra) NEW £178.46
370-400 Longmoor Military Railway Train Pack WD Austerly 2-8-0 No.400 'Sir Guy Williams' & 3 x Mk1 suburban brake end coaches in LMR blue (Gra) £118.96

Diesel locos

371-015C Class 08 Shunter 06672 in BR Blue Wasp Stripes (Gra) £79
371-021A Class 08 Shunter D3785 in BR Green Late Crest (Gra) £76.46
371-034 Class 20 20132 in BR Railfreight Red Stripe (Gra) £89.21



372-978 Class 24 24081 BR Blue Yellow Ends (Gra) £84.96
2D-013-000 Class 27 diesel #27106 in BR blue (Dap) £62
371-112 Class 31 31178 in BR Blue (Gra) £100.26
371-110 Class 31 5826 in BR Green Full Yellow Ends (Gra) £100.26



2D-001-000 Class 33/0 33030 in BR blue (Dap) £108.82
2D-001-000D Class 33/0 33030 in BR blue - DCC fitted (Dap) £134.50

NEW



2D-001-002 Class 33/0 33046 'Merlin' in BR civil engineers 'Dutch' (Dap) NEW £112.74
2D-001-002D Class 33/0 33046 'Merlin' in BR civil engineers 'Dutch' - DCC fitted (Dap) NEW £130.57



2D-001-003 Class 33/0 D6539 in BR green small yellow panels (Dap) £108.82
2D-001-001D Class 33/0 D6571 BR green no yellow panel - DCC fitted (Dap) £130.57

NEW



2D-001-020 Class 33/1 33102 in BR blue (Dap) NEW £112.74
2D-001-020D Class 33/1 33102 in BR blue - DCC fitted (Dap) NEW £130.57

NEW

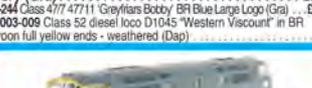


2D-001-021 Class 33/1 33103 in BR civil engineers 'Dutch' (Dap) NEW £112.74
2D-001-021D Class 33/1 33103 BR civil engineers 'Dutch' - DCC fitted (Dap) NEW £130.57
2D-018-004 Class 35 Hymek D7024 in BR green - weathered (Dap) £85
2D-018-001 Class 35 Hymek D7061 in BR blue full yellow ends (Dap) £79



371-168 Class 37/5 37506 Railfreight Red Stripe Livery (Gra) £89.21
372-244 Class 47/7 47711 'Greyfriars Bobby' BR Blue Large Logo (Gra) £101.96
2D-003-008 Class 32 diesel loco D1045 'Western Viscosity' in BR maroon full yellow ends - weathered (Dap) £99

NEW



2D-003-004 Class 52 diesel loco D1058 'Western Nobleman' in BR blue full yellow ends (Dap) (list £128.03) BARGAIN £99



371-287 Class 55 Deltic 55005 'The Prince of Wales' Own Regiment of Yorkshire in BR Blue (Gra) £93.46
371-156 Class 70 PowerHaul 70003 Freightliner (Gra) (list £119.95) BARGAIN £82.50
371-635 Class 70 PowerHaul 70006 Freightliner (Gra) (list £119.95) BARGAIN £82.50

HSTs



2D-019-003 Class 43 HST Book Set in Intercity Executive - W43126, W43125 and two Mk 3 coaches (Dap) £135

Want it DCC fitted?

www.hattons.co.uk/dccfitting

for more details



DMUs
371-876DS Class 108 2 Car DMU in BR blue - DCC sound fitted (Gra) £229.46
371-877A Class 108 2-car DMU in BR blue & grey (Gra) £144.46
2D-009-000 Class 121 single car DMU 'Bubble car' W55022 in BR green small yellow warning panel (Dap) £90



371-330 Class 150/1 150128 in First Great Western (Gra) £131.71
2D-020-002 Class 153 DMU 153371 in London Midland grey & green (Dap) £79
2D-021-002 Class 156 2 car DMU 156419 BR provincial Super Sprinter branding (Dap) £95
371-433 Class 170/4 3 Car DMU 170434 in ScotRail saltire (Gra) (list £164.95) BARGAIN £100



EMUs
371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (list £169.95) BARGAIN £99
371-700 Class 350/1 Desiro 4-car EMU 350 111 'Apollo' in unbranded Silvermark (Gra) (list £169.95) BARGAIN £99



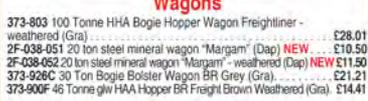
371-701 Class 350/2 Desiro 4-car EMU 350 238 in London Midland (Gra) (list £169.95) BARGAIN £99



374-050F BR Mk1 SK Second Corridor M24467 in Crimson & Cream (Gra) £25.46



374-710A BR Mk2A TSO Tourist Second Open in blue & grey (Gra) £25.46
374-711 BR Mk2A TSO Tourist Second Open Network South East (Gra) £24.61
374-991 Bullied 3-Coach Set BR (SR) Green (Gra) £76.46
2P-012-651 Mounsell brake third S4481 in BR crimson and cream (Dap) £23.78
2P-012-252 Mounsell SR Lined Green 6 coach set (Dap) £111



Wagons
373-803 100 Tonne HHA Bogie Hopper Wagon Freightliner - weathered (Gra) £28.01
2F-038-051 20 ton steel mineral wagon 'Margam' (Dap) NEW £10.50
2F-038-052 20 ton steel mineral wagon 'Margam' - weathered (Dap) NEW £11.50
373-928C 30 Ton Bogie Bolster Wagon BR Grey (Gra) £21.21
373-900F 46 Tonne Giv HAA Hopper BR Freight Brown Weathered (Gra) £14.41



NR-51 5-plank China Clay Hood wagon (Pec) £10
2F-071-035 7-plank open wagon 'Gresford of Wrexham' (Dap) NEW £8
2F-071-037 7-plank open wagon 'Gresford of Wrexham' - weathered (Dap) NEW £8
377-765A CovHop in BR bauxite - weathered (Gra) NEW £20.36
2F-039-011 Telescopic Hood Wagon Tiphook Rail blue 33 70 0899 010-9 (Dap) NEW £21
2F-039-010 Telescopic Hood Wagon Tiphook Rail blue 33 70 0899 040-6 (Dap) NEW £21
2F-039-009 Telescopic Hood Wagon Tiphook Rail blue 33 70 0899 040-6 (Dap) NEW £21
2F-039-012 Telescopic Hood Wagon Tiphook Rail blue 33 70 0899 083-6 (Dap) NEW £21
377-490 Triple pack of china clay wagons no hoods in GWR grey without hoods (Gra) NEW £39.91



DCC decoders
DCC23 6-pin 2-function 1A (2A peak) decoder (suitable for N gauge) (Gau) £24

Spare
SL-311 Insulated Rail Joiners/Fishplates for N & O09 gauge (12 per pack) (Pec) £1.50
2A-000-008 Magnetic NEM couplers - medium arm (ex-NSPAREB) - 5 pairs (Dap) £17
SL-310 Rail Joiners/Fishplates for N & O09 gauge (24 per pack) (Pec) £2

Buildings - general
PN179 Low relief brick build department store and shops (Met) NEW £11
42-199 Oakworth Station building (Gra) £28.01

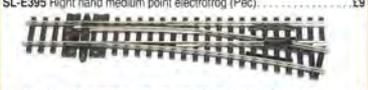
Track - Code 80 Setrack
ST-11 Double straight track (Pec) £1.50
ST-15 No 2 radius double curve (Pec) £1.50
ST-6 Setrack left hand point insulfrog (Pec) £8.50
ST-5 Setrack right hand point insulfrog (Pec) £8.50



Track - Code 80 Streamline
SL-302 1 yard (91.5cm) length of Concrete Sleeper Nickel Silver Flexible track (Pec) £3
SL-302 Pack of 25 (Pec) £64



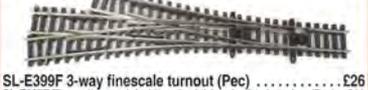
Track - Code 85 Finescale
SL-300 Pack of 25 1 yard (91.5cm) length of Wooden-Sleeper Nickel Silver Flexible track (Pec) £64
SL-300 Single (Pec) £3
SL-E396 Left hand medium point electrofrog (Pec) £9
SL-396 Left hand medium point insulfrog (Pec) £9
SL-E388 Right hand large point electrofrog (Pec) £10
SL-E395 Right hand medium point electrofrog (Pec) £9



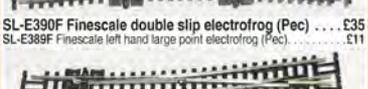
Track - Code 55 Finescale
SL-395 Right hand medium point insulfrog (Pec) £9



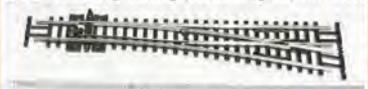
Track - Code 124 Bullhead Streamline
SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (Pec) £84
SL-300F Single (Pec) £3
SL-302F 1 Yard of Nickel Silver Flexible Track Concrete Sleepers (Pec) £3.50
SL-302F Pack of 30 (Pec) £91



SL-E399F 3-way finescale turnout (Pec) £26
SL-E387F Finescale curved double radius left hand point electrofrog (Pec) £11
SL-E386F Finescale curved double radius right hand point electrofrog (Pec) £11



SL-E390F Finescale double slip electrofrog (Pec) £35
SL-E389F Finescale left hand large point electrofrog (Pec) £11



SL-E396F Finescale left hand medium point electrofrog (Pec) £10
SL-E392F Finescale right hand small point electrofrog (Pec) £9
SL-E388F Finescale right hand large point electrofrog (Pec) £11

Commercial vehicles
NMB001 Mercedes Actros Curtainside Eddie Stobart (Oxt) £12
NV40001 Volvo FH4 Curtainside Eddie Stobart (Oxt) £10.80

Farming & Construction
NTEA003 Ferguson Tractor Emerald (Oxt) NEW £3.50

Military ground vehicles
NMW0003 Bedford MWD RAF (Oxt) NEW £4.25

Public Service vehicles
NTILO05 Austin Tilly London Fire Brigade (Oxt) NEW £4
NLAN18008 Land Rover Series 1 AFS (Oxt) NEW £3.95
NSFE005 Scania Pump Ladder Essex County F & R (Oxt) NEW £6.95
NSFE003 Scania Pump Ladder Grampian F & R (Oxt) NEW £6



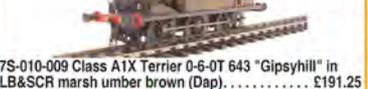
7S-010-010 Class A1X Terrier 0-6-0T W9 'Fishbourne' in Southern Railway green (Dap) £191.25



7S-010-008 Class A1X Terrier 0-6-0 5 'Portishead' in GWR Green (Dap) £191.25



7S-010-011 Class A1X Terrier 0-6-0T 32636 in BR black late crest (Dap) £191.25
7S-010-011D Class A1X Terrier 0-6-0T 32636 in BR black late crest - DCC Sound Fitted (Dap) £340



7S-010-009 Class A1X Terrier 0-6-0T 643 'Gipsyhill' in LB&SCR marsh umber brown (Dap) £191.25



Diesel locos
2553 Class 25/1 in BR blue (unnumbered) (Hel) £470



4201 Class 42 Warship D827 'Kelly' in BR green small yellow panels (Hel) £550



4912 BR Mk1 SO 2nd open in blue & grey (Hel) £250



4911 BR Mk1 SO 2nd open in maroon (Hel) £250



Wagons
7F-031-000 6-wheel milk tanker in 'United Dairies' (Dap) £62
4378 Engineers grey/yellow DB935116 - Dogfish (Hel) £79



Track - Code 124 Bullhead Streamline
SL-700BH Box of 12 1/2 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) £73
SL-700BH Single (Pec) £6.50
SL-E790BH Double slip (6 degree angle) Electrofrog (Pec) £83



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) £39
SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £39
ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5") 16 make a circle (Pec) £6

Cars
43ASV006 Austin Seven RN Van City of Birmingham Gas Dept. (Oxt) NEW £12.90
43DA7003 Datsun 240Z Silver (Oxt) NEW £19
43FDE015 Ford 400E Redfusion (Oxt) NEW £19
VA10816 Ford Capri 2.8i Special, Rosso Red (Cor) NEW £21
43HPL005 Humber Pullman Limousine Forest Green (Oxt) NEW £18.60
43JAG0004 Jaguar MKIX Black/Imperial Maroon (Oxt) NEW £19
43LAN1109009 Land Rover Series 1 109' Canvas British Railways (Oxt) NEW £10.80
43RRP001 Rolls Royce Phantom III SolV HJ Mulliner Black (Oxt) £20
43RRP5001 Rolls Royce Phantom V James Young Navy Silver (Oxt) £20
VA08909 Vauxhall Cavalier MK2 SRi 130, Platinum (Cor) NEW £21

Any or Multiple Scales
Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau) £30
DS Double power controller brake simulator (Gau) £119

D Double/Twin track power controller (Gau) £69
Q Quadrate 4 circuit power controller (Gau) £190
W Walkabout circuit controller (Gau) £29

Analogue point control
CDU Capacitor Discharge Unit (Gau) £11
PL-15 Twin Microswitch (Pec) £7

DCC decoders
DCR-21PIN-Direct Box of 10 21-pin 4-function 1.1Amp direct plug decoder back EMF (Hat) £110
DCR-21PIN-Direct Single (Hat) £12
DCR-21PIN-Direct Box of 5 (Hat) £57



Accessories
SL-14 Track Fixing Pins (Pec) £1.50

Minerals, Water & Rocks
B1394 Ballast Shaker - Blend Medium - Gray (Woo) £8.60



DCR-8PIN-HarnessMini 8-pin (harness) 2-function 1.1Amp small & min decoder back EMF (Hat) £11
DCR-8PIN-HarnessMini Box of 5 (Hat) £50
DCR-8PIN-HarnessMini Box of 10 (Hat) £99

DCC controllers
50200 EcoS Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU) £635



524-042 NCE Power Cab 2 Amp DCC controller (NCE) £136



DCC02 Prodigy 'Advance 2' starter DCC controller package (Gau) £220



DCC01 Prodigy Express Package. Can be extended the DCC13 Walkaround or DCC51 Wireless (Gau) £124



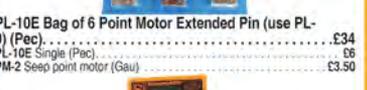
524-037 SB5 Smart Booster Entry level 5A DCC system for use Power Cab controller (NCE) £144

DCC accessories
BPDDC80 Pack of three DCC analogue polarity reversal switches - for electrofrog points (Gau) £14

Point motors
PL-10WE High performance turnout point motor extended pin (Pec) £6
PL-10 Point Motor (Switch Machine) (Pec) £6
PL-10 Bag of 6 (Pec) £34



PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec) £34
PL-10E Single (Pec) £6
PM-2 Seep point motor (Gau) £3.50



PM-1 Seep point motor accessory switch (Gau) £4
PL-11 Side/surface mounted point motor (Pec) £7.50



HAT-PM-01 Solenoid point motor including pin extension and 2-way arm for use points and signals. Exclusive to Hatton's (Hat) £6.50
HAT-PM-01 Pack of 6 (Hat) £35

Switches & Levers
PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec) £3
PL-22 Lever Operated On/Off Switch (Pec) £5
PL-26B Passing Contact Switch - Black Lever (Pec) £5.50
PL-26R Passing Contact Switch - Red Lever (Pec) £5.50

Electronic components
26211 Turntable Motorising Set (Exp) £21

Lighting equipment
WJP5700 Lights and Hub set - Just Plug lighting system (Woo) £16.50
WJP5772 UK Power Supply for Just Plug lighting system (Woo) £18.50



Accessories
SL-14 Track Fixing Pins (Pec) £1.50

Minerals, Water & Rocks
B1394 Ballast Shaker - Blend Medium - Gray (Woo) £8.60

Track underlay
GM130 Cork sheet - 1/16 thickness 3 x 2' (600 x 900mm) approx (Gau) £5.50
JCS18L Cork Sheet - 1/8" Thick - 24" x 36" (Jav) £8
ST1411 Incline For Transition From 1 Level To Another - 4% Set - Elevates Track 4" in 8' - 2.5" Wide - Pack Of 4 (Woo) £10.70

Railway publications
RailwayModellerAnnual2017 Railway Modeller Annual 2017 (124 pages) (Pec) NEW £6.99

Glues
AD-77 Plastic Magic bonding agent - 40ml - applicators (Del) NEW £5.50
AD-77 Rocket Card Glue, Clean, Neat & Instant Card Modelling Glue (Ideal For Superquick & Metacite) - 50ml (Del) £5.20



DCR-21PIN-Direct Box of 10 21-pin 4-function 1.1Amp direct plug decoder back EMF (Hat) £110
DCR-21PIN-Direct Single (Hat) £12
DCR-21PIN-Direct Box of 5 (Hat) £57

CASH TODAY

Money for your secondhand locos & rolling stock

"I would just like to say how impressed and pleased I am with my selling experience with Hatton's. It was a smooth and efficient process from beginning to end."

Mr C Isgar, Dorset

"I was very pleased with the price offered by Hatton's and the simplicity of the service - I hope you find happy new owners for my locomotives"

Mr R Thompson, Surrey

Step 1

Contact us with your list of items

Email your list of items to:
preowned@hattons.co.uk

Post your list to:
 17 Montague Road, Widnes, WA8 8FZ



Step 2

Our experienced staff **Review** your list

A **Valuation** is made of your items

We make you an **Offer**

(usually within 24 hours)



All brands purchased:

(including)



Step 4

We confirm the offer &

make **Payment**

Fast and secure with your choice of either
Cash - Bank Transfer - PayPal - Cheque



Step 3

Either **Send** us your items
 Or we arrange to **Collect**, then **Check**
 through the list



"I've bought from Hatton's for years and the trade-in service is just as efficient and friendly as usual - great service!"

Mr H Moorhouse, Lincoln



GREAT LAYOUTS 25 STUNNING FEATURES



Model railway layouts are at heart of the hobby and this first volume of *Hornby Magazine* Great Layouts brings together 25 of the best from the pages of *Hornby Magazine*. Fully illustrated with the very best in model photography and featuring detailed track plans, this is a stunning 132-page record of model making across all the major scales, gauges and eras. Highlights include main and branch line layouts, micro layouts and a collection of depot layouts you can build at home.

- **GREAT TUNSLEY DALE**
Peak District limestone quarries modelled in 'OO' gauge
- **82G - BRISTOL TEMPLECOMBE ROAD SHED**
One of the greats of the exhibition circuit, modelled in 'O' gauge
- **NINE MILLS**
This layout shows the spectacular effect of a big layout in 'N' gauge
- **SNUG END**
Short of space? Snug End proves you there is always space for a model railway!
- **SEAMOUTH**
Rebuilt from a circuit to model a seaside terminus, this 'OO' layout is full of charm.

ORDER
DIRECT

JUST £6.99[†] FREE P&P*

*Free 2nd class P&P
on all UK & BFPO
orders. Overseas
charges apply.

Free P&P* when you order online at
www.keypublishing.com/shop



Call UK: 01780 480404
Overseas: +44 1780 480404

Monday to Friday
9am-5:30pm

• SUBSCRIBERS CALL FOR YOUR £1.00 DISCOUNT! • SUBSCRIBERS CALL FOR YOUR £1.00 DISCOUNT! •

WIN! 1 of 5 pairs of tickets to LONDON MODEL ENGINEERING EXHIBITION

Our friends at The London Model Engineering Exhibition are offering five lucky Hornby Magazine readers the chance to attend this year's event by winning a pair of adult tickets.

Now in its 21st year the event will once again return to Alexandra Palace, London from the 20th-22nd January 2017. Visitors to the show will see a full spectrum of modelling from traditional model engineering, steam locomotives and traction engines, collections of scale model ships, through to the more modern gadgets and boys toys including remote control trucks, boats, aeroplanes and helicopters - as previously featured on BBC "The One Show".

For your chance to win, simply send your name, address and telephone number to: London Model Engineering Exhibition Competition, Hornby Magazine January issue, Key Publishing, PO Box 100, Stamford, Lincolnshire, PE9 1XQ.

Alternatively, e-mail the same information to: competitions@keypublishing.com with 'HM January - London Model Engineering Exhibition competition' in the subject field.

Closing date for entries is Friday 6 January 2017 at 12:00 GMT and winners will be notified no later than Monday 9th January 2017. There is no cash prize alternative and Editor's decision is final. Accommodation and travel costs are not included. On occasions Key Publishing and LMEE may make offers on products or services that we believe to be of interest to our customers. If you do not wish to receive this information please state NO INFORMATION clearly on your entry. No purchase necessary.

Tickets are valid for use on a single day of the show, between 20th-22nd January 2017.

Didn't win or want to know more? Visit www.londonmodelengineering.co.uk

Opening Hours

10am - 5pm
Tuesday to Saturday
Closed Bank Holidays



Model Railways Direct Ltd

Retail Unit 2,
Phoenix Way
Portishead,
Bristol, BS20 7GP

Tel 01275 774 224

sales@modelrailwaysdirect.co.uk



MODEL RAILWAYS DIRECT

www.modelrailwaysdirect.co.uk

N GAUGE

N GAUGE
Code 80 Rail  .080"

PECO

PECO N Gauge Streamline Code 80

SL-300	Flexible Track® Wooden Sleeper Nickle Silver	£2.68
SL-300(25)	Flexible Track® Wooden Sleeper Nickle Silver Pack 25	£63.00
SL-302	Flexible Track® Concrete Sleeper Nickle Silver	£2.68
SL-302(25)	Flexible Track® Wooden Sleeper Nickle Silver Pack 25	£63.00
SL-384	Catch Point Right Hand	£5.63
SL-385	Catch Point Left Hand	£5.63

PECO N Gauge Streamline Code 80 Insulfrog

SL-386	Curved Turnout Right Hand	£9.87
SL-387	Curved Turnout Left Hand	£9.87
SL-388	Large Radius Turnout Right Hand	£9.87
SL-389	Large Radius Turnout Left Hand	£9.87
SL-393	Short Crossing	£8.25
SL-394	Long Crossing	£9.00
SL-395	Medium Radius Turnout Right Hand	£8.82
SL-396	Medium Radius Turnout Left Hand	£8.82
SL-397	Medium Radius Y Turnout	£8.82

PECO N Gauge Streamline Code 80 Electrofrog

SL-E386	Curved Turnout Right Hand	£9.94
SL-E387	Curved Turnout Left Hand	£9.94
SL-E388	Large Radius Turnout Right Hand	£10.60
SL-E389	Large Radius Turnout Left Hand	£10.60
SL-E395	Medium Radius Turnout Right Hand	£8.89
SL-E396	Medium Radius Turnout Left Hand	£8.89
SL-E397	Medium Radius Y Turnout	£8.89

N GAUGE
Code 55 Rail  .055"

PECO

PECO N Gauge Streamline Code 55 Fine

SL-300F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-300F(30)	Flexible Track® Wooden Sleeper Nickle Silver Pk 30	£84.60
SL-302F	Flexible Track® Concrete Sleeper Nickle Silver	£3.20
SL-302F(30)	Flexible Track® Concrete Sleeper Nickle Silver Pk 30	£90.00

PECO N Gauge Streamline Code 55 Fine Insulfrog

SL-380F	Single Slip	£32.25
SL-390F	Double Slip	£33.75
SL-394F	Long Crossing	£10.00

N GAUGE

PECO N Gauge Streamline Code 55 Fine Electrofrog

SL-E386F	Curved Turnout Right Hand	£10.69
SL-E387F	Curved Turnout Left Hand	£10.69
SL-E388F	Large Radius Turnout Right Hand	£10.69
SL-E389F	Large Radius Turnout Left Hand	£10.69
SL-E380F	Single Slip	£33.38
SL-E383F	Scissors Crossing	£57.75
SL-E390F	Double Slip	£34.88
SL-E391F	Small Radius Turnout Right Hand	£8.63
SL-E392F	Small Radius Turnout Left Hand	£8.63
SL-E393F	Short Crossing	£8.82
SL-E394F	Long Crossing	£9.57
SL-E395F	Medium Radius Turnout Right Hand	£9.64
SL-E396F	Medium Radius Turnout Left Hand	£9.64
SL-E397F	Medium Radius Y Turnout	£9.75
SL-E399F	Asymmetric Three Way Turnout	£28.20

OO GAUGE

OO / HO
Code 100 Rail  .100"

PECO

PECO OO / HO Streamline Code 100

SL-100	Flexible Track® Wooden Sleeper Nickle Silver	£2.96
SL-100(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£69.50
SL-102	Flexible Track® Concrete Sleeper Nickle Silver	£2.92
SL-102(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£68.50
SL-84	Catch Point Right Hand	£7.84
SL-85	Catch Point Left Hand	£7.84

PECO OO / HO Streamline Code 100 Insulfrog

SL-80	Single Slip	£28.32
SL-86	Large Radius Curved Turnout Right Hand	£11.93
SL-87	Large Radius Curved Turnout Left Hand	£11.93
SL-88	Large Radius Turnout Right Hand	£11.18
SL-89	Large Radius Turnout Left Hand	£11.18
SL-90	Double Slip	£30.75
SL-91	Small Radius Turnout Right Hand	£8.89
SL-92	Small Radius Turnout Left Hand	£8.89
SL-93	Short Crossing	£8.14
SL-94	Long Crossing	£9.49
SL-95	Medium Radius Turnout Right Hand	£9.83
SL-96	Medium Radius Turnout Left Hand	£9.83
SL-97	Small Radius Y Turnout	£9.00
SL-98	Large Radius Y Turnout	£10.47
SL-99	Medium Radius 3 Way Turnout	£24.38

OO GAUGE

PECO OO / HO Streamline Code 100 Electrofrog

SL-E86	Large Radius Curved Turnout Right Hand	£12.00
SL-E87	Large Radius Curved Turnout Left Hand	£12.00
SL-E88	Large Radius Turnout Right Hand	£11.25
SL-E89	Large Radius Turnout Left Hand	£11.25
SL-E91	Small Radius Turnout Right Hand	£8.97
SL-E92	Small Radius Turnout Left Hand	£8.97
SL-E95	Medium Radius Turnout Right Hand	£9.90
SL-E96	Medium Radius Turnout Left Hand	£9.90
SL-E97	Small Radius Y Turnout	£9.08
SL-E98	Large Radius Y Turnout	£10.54
SL-E99	Medium Radius 3 Way Turnout	£24.45

OO / HO
Code 75 Rail  .075"

PECO

PECO OO / HO Streamline Code 75 Fine

SL-100F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-100F(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£70.50
SL-102F	Flexible Track® Concrete Sleeper Nickle Silver	£3.12
SL-102F(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£73.25
SL-104F	Flexible Track® Steel Sleeper Nickle Silver	£3.12
SL-104F(25)	Flexible Track® Steel Sleeper Nickle Silver Pk 25	£73.25
SL-106F	Flexible Track® Concrete Bi-Block Sleeper	£3.36
SL-106F(25)	Flexible Track® Concrete Bi-Block Sleeper Pk 25	£78.75
SL-184	Catch Point Right Hand	£8.07
SL-185	Catch Point Left Hand	£8.07

PECO OO / HO Streamline Code 75 Fine Insulfrog

SL-180	Single Slip	£32.07
SL-190	Double Slip	£34.50
SL-193	Short Crossing	£8.85
SL-194	Long Crossing	£9.72

PECO OO / HO Streamline Code 75 Fine Electrofrog

SL-E1095	Medium Radius Turnout RH with Concrete Sleepers	£12.00
SL-E1096	Medium Radius Turnout LH with Concrete Sleepers	£12.00
SL-E180	Single Slip	£32.44
SL-E186	Curved Turnout Right Hand	£12.19
SL-E187	Curved Turnout Left Hand	£12.19
SL-E188	Large Radius Turnout Right Hand	£11.82
SL-E189	Large Radius Turnout Left Hand	£11.82
SL-E190	Double Slip	£34.88
SL-E191	Small Radius Turnout Right Hand	£10.48
SL-E192	Small Radius Turnout Left Hand	£10.48
SL-E193	Short Crossing	£9.68
SL-E194	Long Crossing	£10.47
SL-E195	Medium Radius Turnout Right Hand	£10.77
SL-E196	Medium Radius Turnout Left Hand	£10.77
SL-E197	Small Radius Y Turnout	£10.37
SL-E198	Large Radius Y Turnout	£11.52
SL-E199	Asymmetric Three Way Turnout	£26.82

**EXPORTS
VAT
FREE**

FOR DELIVERIES OUTSIDE THE EU
WE WILL AUTOMATICALLY DEDUCT
VAT (20%) AND CALCULATE POSTAGE
CHARGES AT CHECKOUT.

Prices valid for 28 days from magazine publication date and are valid for pre-orders made on or before this date, all items are subject to availability. All items are in stock or on order at time of producing advertisement, payment (except PayPal) will not be taken until items are dispatched. We regret that we are not able to accept cheques. Prices shown include VAT at 20%. Errors excepted.



UK POSTAGE £3.99
(*Flexible Track £7.95)
FAST, SECURE DELIVERY

Next Day delivery £7.95. Highlands, Islands are subject to a surcharge for large items and parcels over 1.8kg. *Some oversize items may have to be shipped by courier. Postage charges are per shipment.



**LIVE
STOCK
INFO**



Kernode Rail Centre

Visit www.kernodecentre.com or call our team on 01209 714099
UK POSTAGE & PACKING = £4 PER ORDER. ORDERS OVER £150 = POST FREE



LOOK OUT FOR THE BARGAIN PRICES HIGHLIGHTED IN YELLOW

REALTRACK MODELS OO DIESEL LOCOMOTIVES

- 143-212 Class 143 2 Car DMU No. 143 609 'Sir Tom Jones' £120.00
- 143-212 Class 143 2 Car DMU No. 143 610 'Arriva Trains Wales' £120.00

BACHMANN OO STEAM LOCOMOTIVES

- 30-285 'The Midlander' Express Train Set £199.95
- 30-325 Ambulance Train Pack £149.99
- 31-003A Robinson Class 04 No. 6184 LNER Black £110.95
- 31-004 Robinson Class 04 No. 6372 BR Black £119.99
- 31-055 3200 Earl Class 4-4-0 3022 BR Black E/E, weathered £114.99
- 31-088 3200 Earl Class 4-4-0 3029 BR Black E/E £119.99
- 31-119 BR Standard Class 4MT 75035 BR L/C weathered £135.95
- 31-128 ROD 2-6-0 No. 3036 BR Black E/E, weathered £121.95
- 31-138 Class D112 No. 62682 'Hayston of Bucklaw' BR £106.99
- 31-167 L&YR 2-4-2 Tank No. 50795 BR Lined Black E/E, weathered £173.99
- 31-168 L&YR 2-4-2 Tank No. 50795 BR Lined Black E/E £93.95
- 31-169 L&YR 2-4-2 Tank No. 50795 BR Lined Black E/E £93.95
- 31-188 Jubilee No. 5555 'Victoria' BR L/C weathered £139.99
- 31-204 Patriot Class No. 4530 'Sir Frank R. LMS' £140.95
- 31-214 Patriot Class No. 4538 'Oglewicks' BR E/E £119.99
- 31-433 Midland Class 1F No. 1733 LMS Black Open Cab £81.95
- 31-434 Midland Class 1F No. 41 803 BRITISH RAILWAYS £81.95
- 31-435 Midland Class 1F No. 41726 BR Black E/E £81.95
- 31-440 Ivatt Class 2MT 2-6-2 No. 41243 BR Black E/E £110.95
- 31-461A Class D 0-6-0 No. 1294 Southern Railway Black £106.95
- 31-462A Class D 0-6-0 No. 31227 BR Black E/E £106.95
- 31-480 G2A No. 9376 LMS Black with ended Cab £101.95
- 31-561 G2A No. 93106 BR Black E/E, weathered £114.99
- 31-582A A2 No. 60529 'Pean Diver' BR Green L/C £144.95
- 31-529 A2 No. 60534 'Irish Elegance' BR Green E/E £144.95
- 31-531 Class A2 No. 60536 'Timbush' BR Green E/E £144.95
- 31-614 V3 Steam Tank Loco No. 67646 BR Lined Black L/C £110.95
- 31-615 V3 Steam Tank Loco No. 67649 BR Lined Black L/C £110.95
- 31-627B Class 3F No. 3520 LMS Black w/Dealey Tender £97.99
- 31-635A Class 64XX 0-6-0 Pannier Tank 6424 GWR Green, NEW £81.95
- 31-635B Class 64XX 0-6-0 Pannier Tank 6422 BR Black E/E, NEW £81.95
- 31-636 Class 64XX 0-6-0 Pannier Tank 6419 BR, weathered, NEW £81.95
- 31-728 GWR 5700 Class Steam Loco No. 3708 'Kilmer' £118.95
- 31-782 Modified Hall No. 6965 'Trainslaine Hall' BR L/C whtd. £114.95
- 31-783 Modified Hall No. 7904 'Fountains Hall' BR E/E whtd. £114.95
- 31-883 Midland Class 4F No. 3444 Midland Black Crest £97.95
- 31-884 Midland Class 4F No. 3904 BR Black L/C weathered £106.95
- 31-931 Midland 4-4-0 Compound No. 1189 LMS Black £114.99
- 31-933 Midland 4-4-0 No. 41157 BR Lined Black L/C £114.99
- 31-980 Standard Class 3MT No. 8220 BR Green, weathered £118.95
- 31-981 Standard Class 3MT No. 8220 BR Lined Black E/E, £118.95
- 31-984 Class 56XX No. 6577 GWR Green £77.95
- 32-085 Class 56XX No. 6639 BR Black E/E £77.95
- 32-131 Class 45XX Prairie Tank No. 4539 Great Western £84.99
- 32-227B Fowler Class 3F 0-6-0 Jinty No. 7341 LMS Black £72.95
- 32-233 Fowler Class 3F 0-6-0 Jinty No. 32, SDJR Blue £62.99
- 32-235 Fowler Class 3F 0-6-0 Jinty No. 476731 BR, weathered £81.95
- 32-236 Standard Class 3MT 73049 BR Green L/C, BR Tender, £81.95
- 32-509 Standard Class 3MT 73108 BR Black E/E, BR18 Tender £106.99
- 32-560 Class A1 No. 80117 BRITISH RAILWAYS Apple Green £152.95
- 32-561 Class 2A No. 80122 'Curlow' BR Express Blue E/E £152.95
- 32-575A Ivatt Class 4MT Steam Loco No. 3000 LMS £114.95
- 32-580A Ivatt Class 4MT No. 43014 BR Black L/C, weathered £127.95
- 32-858 BR Standard Class 9F No. 92189 BR, weathered, NEW £146.95
- 32-880 Farburn 2-4-2 Tank No. 2278 LMS, weathered £106.95
- 32-875 Class 4E 0-6-2 No. 579 LBSU, weathered £69.95
- 32-876 Class 4E 0-6-2 No. 579 LBSU, weathered £69.95
- 32-877 Class 4E 0-6-2 No. 32556 BR Black E/E £93.95
- 32-878 Class 4E 0-6-2 No. 32556 BR Black L/C £93.95

BACHMANN OO DIESEL & MULTIPLE UNITS

- 30-430 **Bachmann Commuter Train Pack**, NEW £189.95
- 31-031 Class 3501 Desiro 4 car EMU 3501 111 'Apollo' Silver Link £109.95
- 31-031 Class 3501 Desiro 4 car EMU 3501 238 London £109.95
- 31-032 Class 3501 Desiro 4 car EMU 3501 102 London Midland £109.95
- 31-266 Class 419 Motor Luggage Van No. 586006 BR (SR) Green £84.99
- 31-267 Class 419 Motor Luggage Van No. 586009 BR Blue & Grey £84.99
- 31-268 Class 419 Motor Luggage Van No. 90004 Southern East £83.95
- 31-269 Class 419 Motor Luggage Van No. 90008 Jaffa Cakes £83.95
- 31-579 2EPB 2 Car Set 5717 BR with small yellow panel £186.99
- 31-580 Class 416 2-EPB 2 Car EMU Set No. 6262 BR, NEW £106.99
- 31-581 Class 416 2-EPB 2 Car EMU Set No. 6262 BR, NEW £106.99
- 31-427A CEP 4 Car EMU 7105 BR Blue & Grey £254.99
- 31-427B CEP 4 Car EMU 7105 BR Blue & Grey £254.99
- 31-677 Class 85 Type ALS No. E3056 BR Blue (Pre-TPoS) £94.95
- 31-679 Class 85 ALS Electric No. E3095 BR Blue £118.95

BACHMANN DCC FITTED & SOUND LOCOMOTIVES

- 31-138D LNER Class D112 Steam 6277 'Edie Ochiltree' £92.99
- 31-167DC L&YR 2-4-2 Steam 50795 BR Black E/E, weathered £98.99
- 31-167DC Jinty Class 3F 0-6-0 Jinty No. 32, SDJR Blue £93.95
- 31-441DC Ivatt Class 3F 0-6-0 Jinty No. 41291 BR Black L/C £131.99
- 31-581DC Class 70 Diesel 70 004 Freightliner Powerhaul £131.99
- 31-932DC Midland 4-4-0 Compound Steam 40934, BR E/E £129.99
- 32-303DC Class 20 Diesel No. 20 124, BR Blue, weathered £195.95
- 32-304DC Class 20 Diesel No. 20 124, BR Blue, weathered £195.95
- 32-480DC Class 40 Diesel No. D211 'Mauretania' BR Green £208.99
- 32-762DC Class 57/3 Diesel 57 312 'The Hood' weathered £203.95

BACHMANN OO WAGONS/WANSTOCKS

- 33-086 5 Plank China Clay Wagon B743578 BR tent hood, NEW £12.00
- 33-087 5 Plank China Clay Wagon B743273 BR, weathered, NEW £12.00
- 33-236 2 Ton JGA Bogle Hopper RMK weathered, NEW £16.00
- 33-276C 45 Ton TTA Tank Wagon Esso Grey, NEW £20.95
- 33-287 45 Ton TTA Tank Wagon Aviation Fuel BP Green, NEW £22.95
- 38-675 GWR Shunters Truck No. 41734 GWR Grey £39.99
- 38-676 GWR Shunters Truck No. 41734 GWR Grey £39.99
- 38-677 GWR Shunters Truck No. 94979 GWR Grey £39.99
- 38-678 GWR Shunters Truck No. 94979 GWR Grey £39.99
- 38-679 GWR Shunters Truck No. DW41049 BR Black £39.99

BACHMANN OO COACHES

- 34-053 60R Collett 3rd Class Corridor Coach No. 1132 GWR £24.99
- 34-078 60R Collett 1st/3rd Class Corridor Coach No. 7000 GWR £24.99
- 34-085 60R Mk 3 Second Class Corridor Coach No. 7316 GWR £24.99
- 34-0261 BR Mk1 SK Second Corridor Coach No. E24945 £34.95
- 34-050G Mk1 SK Second Open E5057 BR Blue & Grey £34.95
- 34-051U Mk1 SK Second Open E5059 BR Maroon £34.95
- 34-052E BR Mk1 SK Second Open Crimson & Cream £34.95
- 34-052G BR Mk1 SK Second Open Coach Crimson & Cream £34.95
- 34-053F BR Mk1 SK Second Open Coach No. S3848 £34.95
- 34-058U BR Mk1 SK Second Open Coach Network SouthEast £34.95
- 34-077C BR Mk1 BSK Brake Second Corridor Blue & Grey £34.95
- 34-077D BR Mk1 BSK Brake 2nd Corridor Coach No. E25083 £34.95
- 34-077E BR Mk1 BSK Brake 2nd Corridor Coach No. E24945 £34.95
- 34-079C Mk1 BSK Brake 2nd Corridor Coach (BR) weathered £34.95
- 34-079E Mk1 BSK Brake 2nd Corridor Coach No. S3529 £34.95
- 34-105 BR Mk1 RU Restaurant Car Crimson & Cream £34.95
- 34-125C BR Mk1 CK Composite Corridor Blue & Grey £34.95
- 34-126C BR Mk1 CK Composite Corridor Maroon £34.95
- 34-127E Mk1 CK Composite Corridor Coach BR, weathered £34.95
- 34-128E Mk1 CK Composite Corridor Coach (BR) weathered £34.95
- 34-129E Mk1 CK Composite Corridor Network SouthEast £34.95
- 34-150U Mk1 FK First Corridor BR Blue & Grey £34.95
- 34-151U Mk1 FK First Corridor E13103 BR Maroon £34.95
- 34-152E BR Mk1 FK First Corridor 1st Crimson & Cream £34.95
- 34-153D BR Mk1 FK First Corridor Coach No. S13006 £34.95
- 34-154U Mk1 FK First Corridor Coach (BR) weathered £34.95
- 34-186 Mk1 BG Full Brake Departmental, weathered £36.95
- 34-187 Mk1 BG Full Brake Blue £34.95
- 34-225A BR Mk1 BCK Brake Composite Corridor Blue & Grey £34.95
- 34-225B BR Mk1 BCK Brake Composite Corridor Blue & Grey £34.95
- 34-226E BR Mk1 BCK Brake Composite BR Maroon £34.95
- 34-228D BR Mk1 BCK Brake Composite Coach S21275 £34.95
- 34-240 Mk1 FO First Open Coach No. M3001 BR £34.95
- 34-241 Mk1 FO First Open Coach No. M3000 BR £34.95
- 34-242 Mk1 FO First Open Coach No. M3002 BR £34.95
- 34-250A BR Mk1 RFO Restaurant Car Blue & Grey £34.95
- 34-264A BR Mk1 RMB Mixture Buffet Car BR Blue & Grey £34.95
- 34-271 BR Mk1 GUV Coach BR Maroon £34.95
- 34-274 BR Mk1 GUV Coach BR Green £34.95
- 34-274A GUV E93736 BR Blue & Grey - Intercity Motorail Set £34.95
- 34-276E Class 101 2 Car DMU BR Blue £34.95
- 34-310C BR Mk1 SP Pullman 2nd Parfour Coach No. 350 £58.95
- 34-312 BR Mk1 SP Pullman 2nd Parfour Coach No. Grey w/Inlign £58.95
- 34-363 BR Mk2A TSO Tourist 2nd Open Network SouthEast £33.99
- 34-364 BR Mk2A TSO Brake Second Open Coach No. E9418 BR £36.95
- 34-412A BR Mk2A BFK Brake 1st Corridor Network SouthEast £36.95
- 34-413 BR Mk2A BFK Brake 1st Corridor Network SouthEast £36.95
- 34-460 LMS 57H Porthole Corridor Coach M31554M BR £33.99
- 34-460A LMS 57H Porthole Corridor Coach 3rd M26668M, whtd. £33.95
- 34-465 LMS 60R Porthole Corridor Composite Coach £33.99
- 34-470 LMS 60R Porthole Corridor Brake 1st Coach BR £33.99
- 34-475 LMS 60R Porthole Corridor Vestibule Coach M7481M BR £33.99
- 34-501 SLF 1st Class Sleeper Car No. E2054 BR Blue & Grey £41.95
- 34-502A BR Mk1 SLSTP Second Class Sleeper Car BR £41.95
- 34-503A BR Mk1 SLSTP Second Class Sleeper Car BR £41.95

LIMITED EDITION BACHMANN OO GAUGE DIESEL LOCOMOTIVES

- 31-650L Class 47 No. D11670 'Mammoth' BR Two Tonne Green £149.99
- 31-650LD Class 47 - DCC Fitted £169.99
- 31-650LD Class 47 - DCC Sound Fitted £249.99

LIMITED EDITION DAPOL OO GAUGE DIESEL LOCOMOTIVES

- 32-384Z Class 37 - DCC Fitted £164.99
- 32-384ZD Class 37 - DCC Sound Fitted £249.99
- 32-976Z Class 66 No. 66 418 debranded DRS Freightliner, weathered £174.95
- 32-976ZD Class 66 - DCC Fitted £194.95
- 32-976ZD Class 66 - DCC Sound Fitted £274.95

LIMITED EDITION DJ MODELS OO GAUGE STEAM LOCOMOTIVES

- K2056 2-4-0WT Beattie Well Tank Steam Loco No. 30587 BR Black L/C £109.99
- K2056DC Beattie Well Tank - DCC Fitted £129.99
- K2058 2-4-0WT Beattie Well Tank Steam Loco No. 30585 BR Black E/E £109.99
- K2058DC Beattie Well Tank - DCC Fitted £129.99
- K2101 0-4-4T OO Steam Loco No. 24 'Calbourne' Black L/C £124.99
- K2102 0-4-4T OO Steam Loco No. 16 'Ventnor' BR Black L/C £124.99
- K2103 0-4-4T OO Steam Loco No. 30182 BR Black E/E push-pull equipment £124.99
- K2104 0-4-4T OO Steam Loco No. 30225 BR Black L/C £124.99
- K2105 0-4-4T OO Steam Loco No. 225 Southern Black push-pull equipment £124.99
- K2106 0-4-4T OO Steam Loco No. 30193 BR Black E/E £124.99

DAPOL OO LOCOMOTIVES

- 4D-003-004 Class 52 D1058 'Western Nobleman' BR Blue £119.99
- 4D-003-005 Class 52 D1058 'Western Nobleman' BR Maroon £123.99
- 4D-003-009 Class 52 D1021 'Western Cavalier' BR Blue £123.99
- 4D-003-010 Class 52 D1010 'Western Campaigner' BR Blue £123.99
- 4D-003-011 Class 52 D1002 'Western Explorer' BR Green £129.95
- 4D-003-012 Class 52 D1026 'Western Centurion' BR Blue £129.95
- 4D-006-000 Class 73 Electro-Diesel No. 73 102 £119.99
- 4D-006-000S Class 73 Electro-Diesel 73 102 DCC Sound £237.99
- 4D-006-001 Class 73 Electro-Diesel No. 73 105 £119.99

HORNBY OO STEAM LOCOMOTIVES

- R1172 The Majestic Train Set with Digital X1 System £299.99
- R1177 Gloucester City Pullman Express Train Set £149.99
- R1183 Master of the Glens Train Set £169.99
- R2670 GWR Steam Freight Train Pack £246.49
- R2672 Railroad 0-4-0 No. 272 Caledonian Railway £348.99
- R3000 Class B1 No. 61665 'Barnsley' BR Green L/C £131.99
- R3003 Class B1 No. 61769 'Barnsley' BR Green L/C with speed whiskers £134.99
- R3004 Class B1 No. 61769 'Barnsley' BR Green L/C £134.99
- R3004 Class B1 No. 61769 'Barnsley' BR Green L/C weathered £134.99
- R3010 King Arthur N1 Class 771 'Sir Sagamore' £399.99
- R3010 A1 No. 60163 Tomarlo Train £259.99
- R3064 Railroad 0-4-0 No. 56025 'Smockey Joe' BR Black £299.99
- R3068 Railroad Class A1 No. 4472 'Flying Scotsman' LNER Green £449.99
- R3088 A1 No. 60163 Tomarlo Train E/E. Special Edition £104.99
- R3108 Class 28XK No. 2807 GWR as preserved £379.99
- R3109 Class 128 No. 766 Southern Black Bullock Pulling Locomotive £399.99
- R3111 Class 128 No. 766 Southern Black Bullock Pulling Locomotive BR Green E/E £399.99
- R3123 Class A3 No. 2599 'Book Law' LNER Green £379.99
- R3187 Class N2 No. 1744 GWR £89.99
- R3194 Schools Class No. 30937 'Epsom' BR Black E/E £74.99
- R3202 Class M7 No. 245 LSWR - NRM Special Edition £129.99
- R3224 2-8-0 42XX Class No. 4261 Great Western Green £119.99
- R3223 2-8-0 42XX Class No. 4257 BR Black L/C £119.99
- R3224 2-8-0 52XX Class No. 5239 BR Black L/C £119.99
- R3225 2-8-0 52XX Class No. 5239 BR Black L/C Green £119.99
- R3228 2-8-0 22XX Class No. 7218 BR Black E/E £99.99
- R3228 2-8-0 22XX Class No. 4021 British Monarch BR Green E/E £134.99
- R3232 Class J15 No. 65445 BR Black L/C £109.99
- R3239 Class J15 No. 65445 BR Black L/C £109.99
- R3240 Class J15 No. 65445 BR Black L/C £109.99
- R3242A Class K1 No. 62032 BR Lined Black E/E £119.99
- R3243 Class K1 No. 62024 BR Lined Black L/C £114.99
- R3245 Class K1 No. 62034 BR Lined Black L/C £119.99
- R3246 Class K1 No. 62034 BR Lined Black L/C £119.99
- R3250 Class A3 4472 'Flying Scotsman' LNER Green £117.00
- R3276 Railroad LMS Compound No. 1072 LMS Black £49.99
- R3277 Railroad County Class No. 3835 'County of Devon' GWR £59.99
- R3278 Railroad Patriot Class No. 4518 'Bradshaw' BR Green £69.99
- R3288 Railroad Class 9F No. 92220 'Evening Star' BR £87.99
- R3300 Sir Wilsford Churchill Pullman Train Pack £239.99
- R3302 1840 Return from Dunfermline Anniversary Pack £199.99

HORNBY OO DIESEL & ELECTRIC LOCOMOTIVES

- R3067 Railroad Class 31 Diesel Loco No. 31 256 BR Blue £59.99
- R3179 0-4-0 Sentinel Diesel Loco, Esso - Catterwall Plymouth £55.99
- R3180 0-4-0 Sentinel Diesel, Shunter, weathered £55.99
- R3201 Class 08 Diesel Shunter No. 08 417 Network Rail £89.99
- R3268 Class 67 No. 67 003 Arriva Trains Wales £99.99

- 4D-006-003S Class 73 Electro-Diesel 73 135 DCC Sound £237.99
- 4D-006-005 Class 7311 Electro-Diesel E6039 BR Blue £137.99
- 4D-006-006 Class 7311 Electro-Diesel 73 138 Dutch Civil £137.99
- 4D-006-007 Class 732 Electro-Diesel 73 206 'Lust' GBRL £137.99
- 4D-006-007S Class 732 Electro-Diesel 73 206 'Lust' GBRL £237.99

DAPOL OO VANS

- 4F-016-015 Banana Van No. B881904 Jaffa, weathered, NEW £10.00
- 4F-016-016 Banana Van No. B881904 Jaffa, weathered, NEW £10.00

DJ MODEL OO LOCOMOTIVES

- OOJ04-001 Class 044 0-6-0 Steam Loco 6523 BR Black E/E £92.99
- OOJ04-SP1 Hunslet Austerity 0-6-0 No. 6855 NCB £99.95

HELIAN OO DIESEL LOCOMOTIVES

- 1509 Class 15 50-Bo No. D6204 BR Green £101.99
- 1510 Class 15 50-Bo No. D6204 BR Green £101.99
- 1511 Class 15 50-Bo No. D6234 BR Green £101.99
- 1512 Class 15 50-Bo No. D6242 BR Green £101.99
- 1513 Class 15 50-Bo No. AD99800 BR Sherwood Green £101.99
- 16021 Class 16 D6404 BR Green Stratford style warning panels £114.99
- 16031 Class 16 D6407 BR Green with tall yellow ends £114.99
- 16041 Class 16 D6408 BR Green with small finish & grey roof £114.99
- 16051 Class 16 D6405 BR Green with gloss yellow panels whtd £123.99
- 1718 Class 17 50-Bo No. D6523 BR Blue £101.95
- 1719 Class 17 50-Bo No. D6523 BR Blue £101.95
- 1720 Class 17 50-Bo No. D6594 BR Blue £101.95
- 23011 Class 23 Baby Delic D5900 BR Green, tall yellow ends £104.99
- 23021 Class 23 Baby Delic D5907 BR small yellow ends, gloss £104.99
- 23201 Class 23 Baby Delic No. D5901 BR Green host grilles £114.99
- 23211 Class 23 Baby Delic No. D5901 BR Green host grilles £114.99
- 23221 Class 23 Baby Delic No. D5905 BR Green £114.99
- 23231 Class 23 Baby Delic No. D5909 BR Green, weathered £124.99
- 2500 Class 05 Diesel Shunter No. D2374 BR Green £109.99
- 2501 Class 05 Diesel Shunter No. D2374 BR Green £109.99
- 2502 Class 05 Diesel Shunter No. D2581 BR Green £109.99
- 2503 Class 05 Diesel Shunter Older Queen Industrial £109.99
- 2504 Class 05 Diesel Shunter No. D2592 BR Green £109.99
- 2521 Class 05 Diesel Shunter No. D2600 BR Green £109.99
- 2522 Class 05 Diesel Shunter No. D2695 BR Blue £109.99
- 2523 Class 05 Diesel Shunter No. 88 BR Green £109.99
- 2603 Class 06 D60 D5339 BR Green small yellow panels £32.99
- 2609 Class 06 D60 D5341 BR Green small yellow panels £32.99
- 2609 Class 06 D60 D5300 BR Green semi-gloss finish £104.99
- 2611 Class 06 D60 D5301 BR Green £104.99
- 2612 Class 06 D60 D5309 BR Green £104.99
- 2613 Class 06 D60 D5317 BR Green, small yellow panels £104.99
- 2614 Class 06 D60 D5302 BR Green, small yellow panels £104.99
- 26651 Class 26 Bo No. D5312 BR Green, weathered finish £114.99
- 2711 Class 27 Diesel 5373 BR Blue with tall yellow ends £101.95
- 2712 Class 27 Diesel 5349 BR Green w/small yellow ends £101.95
- 2725 Class 27 Diesel 5349 BR Green w/small yellow ends £101.95
- 2726 Class 27 Diesel 5349 BR Green w/small yellow ends £101.95
- 2726 Class 27 Diesel 5347 BR Green w/small yellow panels £101.95
- 2727 Class 27 Diesel 5363 BR Blue w/ull yellow panels £101.95
- 3237 Class 32/2 Diesel 33 208 BR Civil Engineers Dulich £101.95
- 3328 Class 33/2 Diesel 33 208 BR Blue w/ull yellow ends £101.95
- 3329 Class 33/2 Diesel 33 208 BR Blue w/ull yellow ends £101.95
- 3336 Class 33/2 Diesel 33 202 'The Burma Star' BR £101.95
- 3337 Class 33/2 Diesel 33 202 'The Burma Star' BR £101.95
- 3348 Class 33/2 Diesel 33 202 'The Burma Star' BR £101.95
- 3349 Class 33/1 Diesel 33 119 BR Blue w/ull yellow ends £101.95
- 3356 Class 33/1 Diesel 33 102 BR Blue w/ull yellow ends £101.95
- 3357 Class 33/1 Diesel 33 116 BR Green £101.95
- 3414 Class 34 Diesel D6570 BR Green w/small yellow ends £101.95
- 3415 Class 34 Diesel D6516 BR Green £101.95
- 3416 Class 34 Diesel D6551 BR Green w/small yellow ends £101.95
- 3430 Class 34 Diesel D6506 BR Blue w/ull yellow ends £101.99
- 3431 Class 34 Diesel D6505 BR Blue w/ull yellow ends £101.99
- 3432 Class 34 Diesel 33 033 'Torbair Construction' £401.99
- 3435 Class 33 Diesel 33 049 BR Blue w/ull yellow ends £101.95
- 3436 Class 33 Diesel 33 049 BR Blue w/ull yellow ends £101.95
- 3439 Class 33 Diesel 33 119 BR Blue w/ull yellow ends £101.95
- 3536 Class 33/1 Diesel 33 102 BR Blue w/ull yellow ends £101.95
- 3537 Class 33/1 Diesel 33 116 BR Green £101.95
- 3541 Class 33 Diesel D6570 BR Green w/small yellow ends £101.95
- 3542 Class 33 Diesel D6516 BR Green £101.95
- 3552 Class 33 Hymek Diesel No. D7012 BR Green, NEW £108.99
- 3553 Class 33 Hymek Diesel No. D7054 BR Green, NEW £108.99
- 3554

R3270 Class 43 HST Midland Mainline Tall Green Train Pack	£189.99	R4688 Collett GWR Bow Ended Corridor Composite 6029 BR	£39.99	2D-003-003D Wood Class 52 D1056 'Western Sultan' DCC Fitted	£117.99	ND2054 Class 27 Diesel No. D5356 BR Green	£99.99
R3272 Class 67 No. 67 006 'Royal Sovereign' Royal Train	£111.99	R4689 LMS Non-Corridor 57H Composite Coach No. M16574M	£37.99	2D-003-004 Class 52 No. D1058 'Western Nobleman' BR Blue	£79.99	ND2054D Class 27 Diesel No. D5356 BR Green - DCC Fitted	£117.99
R3283 Railroad Baginell Diesel Shunter	£20.99	R4690 LMS Non-Corridor 57H 3rd Class Coach No. M11912M	£37.99	2D-003-004D Wood D1058 'Western Nobleman' DCC Fitted	£117.99	ND2058D Class 27 Diesel No. D5381 BR Green - DCC Fitted	£117.99
R3341 2-HAL 2 Car EMU Train Pack Set 2623 BR Blue	£180.25	R4691 LMS Non-Corridor 57H 3rd Class Brake Coach M20788M	£37.99	2D-003-005 Class 52 No. D1072 'Western Glory' BR Blue	£79.99	ND2055 Class 27 Diesel No. 27 008 BR Blue	£97.99
R3341A 2-HAL 2 Car EMU Train Pack Set 2623 BR Blue	£109.99	R4692 LMS Non-Corridor 57H 3rd Class Brake Coach M20788M	£37.99	2D-003-005D Wood Class 52 D1072 'Western Glory' DCC Fitted	£117.99	ND2055D Class 27 Diesel 27 032 BR Blue with full yellow ends	£97.99
R3342 Class 08 Diesel Shunter No. 08 489 BR Blue	£113.99	R4700 MK2 Standard Open Coach No. M4487 BR Maroon	£28.49	2D-003-006 Wood Class 52 No. D1065 'Western Crusader' BR Maroon	£79.99	ND2070 Q1 Steam Loco 0-6-0 CT in Southern Black Ivory	£104.95
R3343 Class 08 Diesel Shunter No. 822 'John' FGW	£113.99	R4702 MK2E Standard Open Coach No. 5801 Yvan	£32.99	2D-003-007 WD Loco D1012 'Western Firebrand' BR Maroon	£79.99	ND2070 Q1 Steam Loco 0-6-0 CT in Southern Black Ivory	£104.95
R3344 Class 92 Electric No. 92 059 'Marco Polo' DB Schenker	£94.99	R4703 MK2E Standard Open Coach No. 5781 Yvan	£32.99	2D-003-007D Wood D1012 'Western Firebrand' DCC Fitted	£117.99		
R3347 Class 92 Electric No. 92 060 'Marco Polo' DB Schenker	£94.99	R4704 MK2E Standard Open Coach No. 5781 Yvan	£32.99	2D-003-008D Wood D1010 'Western Enterprise' DCC Fitted	£117.99		
R3350 Class 90 Electric No. 90 009 DB Schenker	£49.99	R4706 MK1 Corridor Composite Coach No. E10508 BR	£28.49	2D-003-009 WD Loco No. D1045 'Western Vascour' weathered	£79.99		
R3351 Class 153 Single Car DMU Set No. 5735S	£74.99	R4717 58H Maunsell Rebuilt 6 Compartment Brake 3rd Class	£39.99	2D-003-009D Wood D1045 'Western Vascour' DCC Fitted	£117.99		
R3353 Sentinel 40H Bulbar Beatty	£55.99	R4718 58H Maunsell Rebuilt 6 Compartment Lorry Brake 3rd Class	£39.99	2D-003-010 WD Loco No. D1062 'Western Crusader' weathered	£79.99		
R3355 Sentinel 40H Wabtec	£44.99	R4719 58H Maunsell Rebuilt 6 Compartment Lorry Brake 3rd Class	£39.99	2D-003-010D Wood D1062 'Western Crusader' DCC Fitted	£117.99		
R3373 Class 71 Electric Loco No. E5001 BR Green	£146.99	R4720 58H Maunsell Rebuilt 6 Compartment Lorry Brake 3rd Class	£39.99	2D-003-011 WD Loco No. D1009 'Western Invader' weathered	£79.99		
R3374 Class 71 Electric Loco No. 71 022 BR Green	£146.99	R4723 MK3 Trailer Restaurant 2nd Buffet TRSB Coach W4000M	£28.49	2D-003-011D Wood D1009 'Western Invader' DCC Fitted	£117.99		
R3376 Class 71 Electric Loco No. E5002 BR Green	£146.99	R4730 MK3 Trailer First TC Coach W4003 BR	£28.49	2D-003-012 Class 56 Diesel No. 56 006 Lullaby	£113.99		
R3379 EWS Freight Train Pack (Class 67 + MHA Wagons) Ltd Ed 204.99		R4732 MK3 Trailer Second TC Coach No. W42003 BR	£28.49	2D-003-012D Class 56 Diesel No. 56 007 Lullaby	£113.99		
R3422 InterCity 25 Anniversary Train Pack Class 92 + 93 + 94	£299.99	R4734 MK3 Trailer Second TC Coach No. W42004 BR	£28.49	2D-003-012D Class 56 Diesel No. 56 001 Trailroad Construction	£113.99		
R3471 EWS Class 90 50205 'Network' SouthEast/Ed	£294.99	R4735 Maunsell Corridor First Class Coach No. 7416 SR	£37.99	2D-003-013D Class 56 Diesel No. 56 022 BR Blue	£113.99		
R3476 Class 153 Single Car DMU Set 153 327 Arriva Trains	£94.99	R4736 Maunsell Corridor Third Class Coach No. 7206 SR	£37.99	2D-003-013D Class 56 Diesel No. 56 022 BR Blue	£113.99		
R3477 Class 153 Single Car DMU Set 153 321 Regional Railways 39.99		R4737 Maunsell 6 Compartment 3rd Class Brake 3797 SR	£37.99	2D-003-014 Class 56 Diesel No. 56 029 EWS	£108.99		
R3478 Class 43 HST Pack First Great Western	£197.99	R4738 Maunsell 6 Compartment 3rd Class Brake 3798 SR	£37.99	2D-003-014D Class 56 Diesel No. 56 070 BR Blue	£113.99		
R3479 Class 60 No. 06 066 DWR	NEW £129.99	R4739 Maunsell 6 Compartment 3rd Class Brake 3799 SR	£37.99	2D-003-015 Class 56 No. 56 090 BR Large Logo Blue	£108.99		
R3480 Class 92 Electric No. 92 016 'Brabins' Railfreight Distribution	£99.99	R4743 Maunsell Composite Coach No. 5055 Southern	£18.99	2D-003-015D Class 56 No. 56 056 Trailroad Construction	£113.99		
R3481 Class 92 Diesel No. 67 025 'Western Star' EWS	£137.99	R4747 58H Maunsell Rebuilt 6 Compartment Lorry Composite	£39.99	2D-003-016 Class 56 Diesel No. 56 054 Freightliner Powerhaul	£26.99		
R3482 Sentinel 40H Diesel Locomotive No. DH16 MSC	£56.99	R4748 58H Maunsell Rebuilt 6 Compartment Lorry 3rd Class	£39.99	2D-003-016D Class 56 Diesel No. 56 054 Freightliner Powerhaul	£26.99		
R3483 Sentinel 40H Diesel Locomotive No. DH16 MSC	£56.99	R4749 58H Maunsell Rebuilt 6 Compartment Lorry 3rd Class	£39.99	2D-003-017 Class 56 Diesel No. 56 011 Railfreight	£113.99		
R3484 Class 06 No. 66 185 'DTP World London Gateway' DB	£84.99	R4750 MK3 TGS Trailer Guard No. 44050 Virgin Rail East Coast	NEW £29.99	2D-003-017D Class 56 Diesel No. 56 011 Railfreight	£113.99		
R3485 Class 06 No. 66 079 'James Nightingal' GQ EWS	£84.99	R4751 MK3 TSO Trailer Open 42322 Virgin Rail East Coast	NEW £29.99	2D-003-018 Class 56 Diesel No. 56 021 Trailroad Construction	£113.99		
R3486 Railfreight Diesel Freight Train Pack	£47.49	R4752 MK3 TSO Trailer Open 42330 Virgin Rail East Coast	NEW £29.99	2D-003-018D Class 56 Diesel No. 56 021 Trailroad Construction	£113.99		
R3487 Railfreight Diesel Freight Train Pack	£47.49	R4753 MK3 Buffet Car No. 40708 Virgin Rail East Coast	NEW £29.99	2D-003-019 Class 121 Bubble Car DMU W55022 BR	£113.99		
R3488 Railfreight Diesel Freight Train Pack	£47.49	R4754 Railfreight Pullman Parlour Coach 'Minerva'	NEW £29.99	2D-003-019D Class 121 Bubble Car DMU W55022 BR	£113.99		
R3489 Railfreight Diesel Freight Train Pack	£47.49	R4755 Railfreight Pullman Parlour Coach 'Pygmalion'	NEW £29.99	2D-003-020 Class 121 Bubble Car DMU W55020 Non-motorsised	£49.99		
R3490 Railfreight Class 06 Diesel 06 673 'Piccadilly' Intercity	£37.99	R4756 Railfreight Pullman Parlour Coach 'Pygmalion'	NEW £29.99	2D-003-020D Class 121 Bubble Car DMU W55020 Non-motorsised	£49.99		
R3491 Class 55 Diesel Loco No. D9016 BR Green	£56.99	R4757 Railfreight Pullman Parlour Coach 'Pygmalion'	NEW £29.99	2D-003-021 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99		
R3492 Railfreight 4500 Hall Class No. 6847 BR Green LIC	£79.99	R4758 Railfreight Pullman Parlour Coach 'Pygmalion'	NEW £29.99	2D-003-021D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99		
R3501 Class 43 HST Virgin East Coast Train Pack	£199.49			2D-003-022 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99		

DAPOL N GAUGES/WAGONS/TRUCKS

2F-013-002 Gunpowder Van No. 299031 LMS Grey weathered	£10.00	2D-003-022D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-013-010 Gunpowder Van No. 173 Blue Brick Portland Cement	£8.50
2F-013-010 Gunpowder Van No. 173 Blue Brick Portland Cement	£8.50	2D-003-023 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-013-021 Gunpowder Van No. W10576 GWR	£8.50
2F-013-021 Gunpowder Van No. W10576 GWR	£8.50	2D-003-023D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-013-022 Gunpowder Van No. W10576 GWR	£8.50
2F-013-022 Gunpowder Van No. W10576 GWR	£8.50	2D-003-024 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-014-002 Fruit D Wagon No. 2886 GWR Brown, GWR lettering	£12.99
2F-014-002 Fruit D Wagon No. 2886 GWR Brown, GWR lettering	£12.99	2D-003-024D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-014-005 Fruit D Wagon No. 2876 GWR Brown, shuntbox emb	£13.00
2F-014-005 Fruit D Wagon No. 2876 GWR Brown, shuntbox emb	£13.00	2D-003-025 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-014-001 Fery Spot Fish Van No. E87055 BR Blue	£10.00
2F-014-001 Fery Spot Fish Van No. E87055 BR Blue	£10.00	2D-003-025D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-022-001 Fery Spot Fish Van No. 2797 507 Gargowagon	£18.00
2F-022-001 Fery Spot Fish Van No. 2797 507 Gargowagon	£18.00	2D-003-026 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-023-002 Siphon H Bogie Van No. 1430 GWR	£14.00
2F-023-002 Siphon H Bogie Van No. 1430 GWR	£14.00	2D-003-026D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-023-010 Wheel Milk Tank Wagon LMS	£15.00
2F-023-010 Wheel Milk Tank Wagon LMS	£15.00	2D-003-027 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-031-011 6 Wheel Milk Tank Wagon Unigate Silver	£15.00
2F-031-011 6 Wheel Milk Tank Wagon Unigate Silver	£15.00	2D-003-027D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-031-012 6 Wheel Milk Tank Wagon Express Dairy	£15.00
2F-031-012 6 Wheel Milk Tank Wagon Express Dairy	£15.00	2D-003-028 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-031-013 6 Wheel Milk Tank Wagon United Dairies	£15.00
2F-031-013 6 Wheel Milk Tank Wagon United Dairies	£15.00	2D-003-028D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-034-008 21 Ton Hopper Wagon No. 10 Skyways weathered	£11.00
2F-034-008 21 Ton Hopper Wagon No. 10 Skyways weathered	£11.00	2D-003-029 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-034-021 21 Ton Hopper Wagon No. 844183AK Cherrington	£10.00
2F-034-021 21 Ton Hopper Wagon No. 844183AK Cherrington	£10.00	2D-003-029D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-036-001 Bulk Grain Hopper Wagon No. H885312 BR Grey	£14.00
2F-036-001 Bulk Grain Hopper Wagon No. H885312 BR Grey	£14.00	2D-003-030 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-036-002 Bulk Grain Hopper Wagon No. 32 Bass Cherrington	£14.00
2F-036-002 Bulk Grain Hopper Wagon No. 32 Bass Cherrington	£14.00	2D-003-030D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-036-017 Bulk Grain Hopper Wagon No. 16 Scollith Green	£14.00
2F-036-017 Bulk Grain Hopper Wagon No. 16 Scollith Green	£14.00	2D-003-031 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-038-005 20 Ton Steel Wagon No. B315754 BR Grey	£11.00
2F-038-005 20 Ton Steel Wagon No. B315754 BR Grey	£11.00	2D-003-031D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-038-006 20 Ton Steel Wagon No. B315754 BR Grey	£11.00
2F-038-006 20 Ton Steel Wagon No. B315754 BR Grey	£11.00	2D-003-032 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-039-009 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95
2F-039-009 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95	2D-003-032D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-039-010 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95
2F-039-010 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95	2D-003-033 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-039-011 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95
2F-039-011 Telescopic Hood Wagon No. 33 70 8999 046-3	NEW £20.95	2D-003-033D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-047-005 CCT Van No. 322845 SR Maunsell Green	£16.00
2F-047-005 CCT Van No. 322845 SR Maunsell Green	£16.00	2D-003-034 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-047-006 CCT Van No. M527051 BR Maroon	£16.00
2F-047-006 CCT Van No. M527051 BR Maroon	£16.00	2D-003-034D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-047-007 CCT Van No. M52225 BR Blue	£16.00
2F-047-007 CCT Van No. M52225 BR Blue	£16.00	2D-003-035 Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99	2F-047-008 CCT Van No. 323945 BR (SR) Green	£16.00
2F-047-008 CCT Van No. 323945 BR (SR) Green	£16.00	2D-003-035D Class 121 Bubble Car DMU W55030 Non-motorsised	£49.99		

DAPOL N COACHES

2P-000-002 Collett Corridor Composite Coach No. W7021 BR	£21.95	2D-012-010D Class 22 Diesel No. D6316 BR - DCC Fitted	£135.99	2P-000-158 Collett Corridor Third Coach No. 1096 GWR	£19.99
2P-000-158 Collett Corridor Third Coach No. 1096 GWR	£19.99	2D-012-011 Class 22 Diesel No. D6316 BR - DCC Fitted	£135.99	2P-000-202 Collett Corridor Brake Composite Coach W6538	£21.95
2P-000-202 Collett Corridor Brake Composite Coach W6538	£21.95	2D-012-011D Class 22 Diesel No. D6327 BR - DCC Fitted	£135.99	2P-000-203 Collett Corridor Brake Composite Coach W6476	£21.95
2P-000-203 Collett Corridor Brake Composite Coach W6476	£21.95	2D-012-012 Class 22 Diesel No. D6330 BR Blue weathered	£134.99	2P-000-231 Collett Corridor Brake Composite Coach No. W5646 BR	£20.99
2P-000-231 Collett Corridor Brake Composite Coach No. W5646 BR	£20.99	2D-012-012D Class 22 Diesel No. D6330 BR w/wh - DCC Fitted	£141.99	2P-000-232 Collett Corridor Brake Composite Coach No. W6553 BR	£20.99
2P-000-232 Collett Corridor Brake Composite Coach No. W6553 BR	£20.99	2D-012-013 Class 22 Diesel No. D6315 BR Green weathered	£84.99	2P-000-281 Collett Corridor Brake Composite Coach No. 6541 GWR	£19.99
2P-000-281 Collett Corridor Brake Composite Coach No. 6541 GWR	£19.99	2D-012-013D Class 22 Diesel No. D6315 w/wh - DCC Fitted	£141.99	2P-000-282 Collett Corridor Brake Composite Coach No. 6541 GWR	£19.99
2P-000-282 Collett Corridor Brake Composite Coach No. 6541 GWR	£19.99	2D-012-014 Class 22 Diesel No. D6328 BR Blue	£135.99	2P-003-000 3 Set Twin GWR Coach Pack No. 6447 + 8448	£23.99
2P-003-000 3 Set Twin GWR Coach Pack No. 6447 + 8448	£23.99	2D-012-014D Class 22 Diesel No. D6328 BR Blue - DCC Fitted	£141.99	2P-003-001 GWR B Set Coach Twin Pack BR Maroon	£23.99
2P-003-001 GWR B Set Coach Twin Pack BR Maroon	£23.99	2D-013-000 Class 27 Diesel No. 27 108 BR Blue	£104.99	2P-003-003 B Set Twin GWR Coach Pack No. 6894 + 6895	£23.99
2P-003-003 B Set Twin GWR Coach Pack No. 6894 + 6895	£23.99	2D-013-001 Class 27 Diesel No. D5401 BR Green	£104.95	2P-004-005 Autocoach No. 192 GWR	£15.00
2P-004-005 Autocoach No. 192 GWR	£15.00	2D-013-002 Class 27 Diesel No. 27 093 BR Blue Non-motorsised	£44.99	2P-004-006 Autocoach No. 187 GWR	£15.00
2P-004-006 Autocoach No. 187 GWR	£15.00	2D-013-003 Class 27 Diesel No. D5630 BR Blue	£44.99	2P-004-007 Autocoach No. W1834 BR	£15.00
2P-004-007 Autocoach No. W1834 BR	£15.00	2D-013-004 Class 27 Diesel No. D5389 BR Green non-motorsised	£24.95	2P-004-008 Autocoach No. W1834 BR	£15.00
2P-004-008 Autocoach No. W1834 BR	£15.00	2D-013-005 Driving Van Trailer No. 82145 Network Rail	£40.95	2P-005-011 153 Class 06 Diesel No. 10258 Intercity Executive	£21.99
2P-005-011 153 Class 06 Diesel No. 10258 Intercity Executive	£21.99	2D-013-006 Driving Van Trailer No. 82101 Intercity Swallow	£39.95	2P-005-100 MK3 1st Class Coach TF No. 41164 Intercity Executive	£22.99
2P-005-100 MK3 1st Class Coach TF No. 41164 Intercity Executive	£22.99	2D-013-007 Hymek Diesel No. D7061 BR Blue	£92.99	2P-005-120 MK3 1st Class Coach TF No. 42089 Intercity Executive	£21.99
2P-005-120 MK3 1st Class Coach TF No. 42089 Intercity Executive	£21.99	2D-013-008 Hymek Diesel No. D7026 BR Blue weathered	£98.99	2P-005-200 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99
2P-005-200 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99	2D-013-009 Hymek Diesel No. D7019 BR Green	£98.99	2P-005-211 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99
2P-005-211 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99	2D-013-010 Hymek Diesel No. D7019 BR Green	£98.99	2P-005-220 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99
2P-005-220 MK3 Trailer Guard Standard TGS 44055 Intercity Swallow	£21.99	2D-013-011 Class 43 HST Bookset Intercity Executive	£154.95	2P-011-004 1st Class LNER Teak Corridor 3rd Class Coach 60642 E221	£29.99

THE JUNCTION BOX

WANTED - WANTING



MODEL RAILWAYS



Top prices paid for N and OO gauge collections
or individual items, such as

- Airfix ● Bachmann ● Graham Farish ● Hornby ● Lima
- Mainline ● Peco or any other makes.

Will travel to collect.

FORTHCOMING EXHIBITION DATES

- 28th/29th January - KENDAL
- 24th/25th/26th February - GLASGOW

Please forward your list of items by E-mail to: lan@ihunter10.plus.com

Or send to: The Junction Box, 15, Shepherd Terrace, Haltwhistle, Northumberland NE49 9LS

Or contact lan **07763 806306 / 01434 320328**

Please visit our online shop for all your model railway requirements at:

www.thejunctionbox.net

This month's **OXFORD** New Releases

1:72

Airspeed Oxford
MP425/G-AITB -
RAF Museum, Hendon
72A0001 1:72

NEW Tooling!



1:43

Aston Martin Vanquish
Coupe - Selene Bronze
AMV002 1:43



Aston Martin DB9
Coupe - Onyx Black
AMDB9002 1:43



1:76

Ford Transit LWB High
Roof - Royal Mail
76FT024 1:76



Scania Topline Horsebox -
A W Jenkinson
76SCA04HB 1:76



BMC Booking Office -
Harris Coaches
76BMC004 1:76



Mercedes Actros GSC
Flatbed Trailer - J R Adams
76MB003 1:76

NEW Tooling!



Scania Highline Nootboom 3 Axle
Semi Low Loader - Stobart Rail
76SHLD1ST 1:76

NEW Tooling!



Bedford OYC Tanker -
Petroleum Board
76B0021 1:76



Burrell Showmans
Loco - No.1
76BU005 1:76

Fowler B6 Showmans
Locomotive - King Carnival
76FB6003 1:76



Ford 400E - Maidstone
& District
76FDE014 1:76



Bedford OWB - Warstones
76OWB012 1:76



Routemaster Bus -
Blackpool Transport
76RM111 1:76



Vauxhall Friary Estate -
Swan White/Lime Yellow
76CFE006 1:76



Ford Zephyr -
Goodwood Green
76ZEP009 1:76



Mini 1275GT - Bronze Yellow
76MING004 1:76



BL Princess - Tahiti Blue
76BLP004 1:76



Nissan Qashqai - Black
76NQ002 1:76



Jaguar F Type - BRG Metallic
76FTYP005 1:76

1:148



Ford Transit - AA
NFT016 1:148



Volvo FH4 and Curtainside
Trailer - Eddie Stobart
NVOL4001 1:148

NEW Tooling!



Mercedes Actros MP4 with
Trailer - Eddie Stobart
NMB001 1:148

NEW Tooling!



Irizar PB - Ulsterbus
NIRZ003 1:148

To order, call:
02380 248850



Follow us on Twitter
@OxfordDiecastUK

See more at:
www.oxforddiecast.co.uk

OXFORD DIECAST LTD. PO Box 62, Swansea SA1 4YA Tel: 01792 643500

OXFORD 

Precision die-cast scale engineering
at surprisingly inexpensive prices

KJB MODELS

A family-run business which provides an efficient, friendly and professional service dealing in pre-owned & ex-shop model railway stock.

OUR NEW WEBSITE IS HERE
www.kjbmodels.co.uk

**WANTED N Gauge &
OO Gauge Collections**

**Pre-Owned Model Railway
Collections always Wanted.**

Any Gauge Considered.

Top Prices Paid.

Tel No 07542 710005

Email enq@kjbmodels.co.uk

PayPal™



see the full range of
kits and building papers at...

www.superquick.co.uk



B27 Supermarket & Shop

B25 Police station



C6 Victorian Terrace House Fronts

**DIE-CUT
CARD KITS**

A5 Locomotive Shed (double track)



**NO PRINTING
REQUIRED**



A16 Stone Bridge/Tunnel Entrance



A13 Ash plant



A14 Red Brick
Bridge/Tunnel Entrance



B24 Farmhouse



A12 Coaling Tower



C5 Victorian Terrace House Backs

Fine OO/HO detail from...

SUPERQUICK
MODEL KITS

Available from all good model shops & online NOW!

Illustrated Catalogues Including Post
00,009 (1/76th Scale)..... £6 In Colour
N (1/148th) £5 In Colour
O (1/43rd) £4 In Colour

Mail Order By Return P+P £4, over £40 Post Free
Unpainted metal kits-gluw with epoxy glue (£5.75)

LANGLEY MODELS

166 Three Bridges Road, Crawley, Sussex, RH10 1LE
Tel: 01293 516329 Fax: 01293 403955 www.langleymodels.co.uk



OO SCALE
lattice pit head Special price £180
Canal Boat Kits 72ft Working butty/ motor or
72 or 52ft holiday £32.95, Lock Gates set
£23.20, lock wall sets £30.10. Special one canal
boat, lock gates and wall £75 loads of other
kits and ideas in our colour catalogue

assorted Pillar Boxes	£4.10
2 x G.R. Pillar Boxes	£3.15
2 x E.R. Pillar Boxes	£3.15
Chimney Sweep & barrow	£9.95
Horse trough	£3.25
2 x Village pumps	£2.95
2 single head Traffic Lights & box	£3.20
2 twin head Traffic Lights & box	£3.25
Dairy Scene inc. Cows, Milkmaid etc	£10.85
Telephone box. Series 6. 1936 on	£9.25
Period Telephone box. 1929 on	£9.25
Police Telephone box	£11.80
Hunt Scene-horses,riders,hounds etc.	£14.45
Cricket Game - 15 figures,stumps etc	£9.50
NEW Cricket Sight Screen	£7.20
NEW Cricket Portable Scoreboard	£4.25
Morris Dancers & Musicians	£7.60
Loco spotters & school boys	£7.50
Victorian Wedding Party	£7.85
Town Hall Dignitaries - 3 figures	£3.45
Lych Gate (suitable for churchyard)	£7.25
Church Notice Board & Crucifix	£5.50
War Memorial	£8.00
Rag & Bone man & family	£8.30



**N Scale
Kits**
War
Memorial
£3.50
Telephone
box x 3
£3.60
Many
other
kits in our
catalogue

Welding Figures & Equipment	£4.50	Bus Shelter with bus stop & figures	£3.40
2 Relaxed Loco Crew	£1.80	Bus stops - set 6	£ 3.40
5 x Gardeners & Equipment	£4.80	Village Blacksmith & Forge scene	£10.40
Flower pots & tubbs & gardening equip	£5.10	Farm figures- 10 assorted	£ 3.70
7 x Figures in working pose	£4.80	Modern Tractor & spray boom	£ 4.10
9 x Ass Standing Station figures	£5.00	Period Tractor (1940's to present)	£ 3.80
Gantry Hoist	£5.30	Farm machinery-ground preparation	£10.40
New Gibbet Crane (wall/floor mounted)	£4.50	Farm machinery-spring planting	£10.40
Air Compressor & Electricity Generator	£6.70	Farm machinery-Harvesting	£12.50
4 pallets & hydraulic pallet truck	£4.30	Farm machinery-Haymaking	£11.80
Beeshives and bee-keepers	£4.50	10 brass ladders	£4.20
6 Bulk Building Bags	£3.80	Garage Forecourt scene (1920/30's)	£7.60
Band Stand	£9.60	Lattice footbridge	£21.00
Air Con Cabinets (2 wall, 4 floor)	£3.50	6 barrels (wooden style)& 6 milk churns	£3.50
6 Assorted Rock Climbers	£4.80	Grave & Tombstones - assorted	£4.20
4 Assorted Highland Cattle	£4.40	2 trackside ballast bins	£2.90
6 Assorted Firemen in action poses	£4.60	trackside Relay boxes (3 types)	£2.90
6 Trawlermen/Fisherman Figures	£4.40	Coal Stables (dunkers) & nameboard	£5.00
3 Assorted Donkeys (unharnessed)	£3.70	Platelayers hut	£5.50
3 Beach Donkeys and Children	£4.40	6 dummy Point motors	£4.10
Beach Set (figures and equipment)	£5.60	2 Costermongers & barrows	£4.10
8 Guards Marching	£5.00	SR & GWR Fencing -etched brass	£11.10
Guards Colour Party (flags) (5 figs)	£3.80	Fencing and gates -etched brass	£11.10
Guards Marching Band	£5.40	assorted Figures	£5.00
Cub/Scout Camp Set	£5.60	LNWR/LMS Signal box & interior	£25.70
6 Assorted Cats	£3.10	Pavilion(cricket,football,cafe,scouts etc)	£18.10

MAC'S MODEL

RAILROADING

4-8 REFORM STREET KIRRIEMUIR SCOTLAND DD8 4BS
TEL: 01575 572397

WWW.MACSMODELS.CO.UK WWW.ECSCENICS.CO.UK
SALES@ECSCENICS.CO.UK

OPEN MONDAY-SATURDAY 10:30 - 5:00
CLOSED THURSDAY

BRITISH, AMERICAN AND CONTINENTAL OUTLINE
STOCKED

COMPREHENSIVE WOODLANDS SCENIC SELECTION

Southern Office and Showroom
15, Liberty Close, Woolsbridge Ind. Park,
Three Legged Cross, WIMBORNE, Dorset, BH21 6SX
Tel: 01202 828308 - Fax: 01202 828706
E-mail: southsales@ayrey.co.uk



Head Office and Main Showroom
8A Sapper Jordan Rossi Park, Otley Road
BAILDON, West Yorkshire, BD17 7AX
Tel: 01274 594119 - Fax: 01274 531505
E-mail: sales@ayrey.co.uk - Web: www.ayrey.co.uk

WE ARE 'TRADE ONLY'
RETAIL CUSTOMERS PLEASE CONTACT
A LOCAL MODEL SHOP OR VISIT OUR
WEBSITE - WWW.AYREY.CO.UK

FULL RANGE OF ROAD & RAIL MODELS

OR76MW7020 - 7 PLANK OPEN
'BARTON & CO' (OO)

OR76MW7019 - 7 PLANK OPEN
'PHILLIPS, GEORGE & CO' (OO)

OR76MW4006 - 4 PLANK OPEN
'UNITED' (OO)

OR76AR007XS - ADAMS RADIAL - 'SOUTHERN [LATE] 3520' (OO, DCC & SOUND FITTED)

LOCOS WITH FITTED DCC & SOUND

OR76DG001XS - DEAN GOODS - 'GWR [LINED] 2309' (OO, DCC & SOUND FITTED)

OR76MW7018 - 7 PLANK OPEN
'FULTON' (OO)

OR76MW4005 - 4 PLANK OPEN
'LOTHIAN COAL - NEWBATTLE' (OO)

OR76MW4002 - 4 PLANK OPEN
'R. TAYLOR & SONS' (OO)

OR76CAT002 - CATTLE WAGON
'NORTH EASTERN RLY.' (OO)

OR76MW7015 - 7 PLANK OPEN
'BR GREY - WEATHERED' (OO)

OR76MW4001 - 4 PLANK OPEN
'NORTH BRITISH RLY.' (OO)

BUSCH
HO SCALE
WAGON LOADS

HO 1681 - CABLE DRUMS & FRAME WAGON LOAD

HO 1682 - REINFORCING MESH (RUSTED) WAGON LOAD

HO 1683 - CONCRETE PANELS WAGON LOAD

UNIT MODELS
CAST RESIN
MODEL RAILWAY
ACCESSORIES

OO-089P - SACKS ON PALLETS (1:76 - OO)

OO-114P - HALF TONNE DROP BAGS (1:76 - OO)

HO-019P - PORTABLE TOILET (1:87 - HO)

B-T Models

L15 - SET OF TWO FORKLIFT TRUCKS
'BRITISH RAILWAYS' (1:76 - OO)

L16 - SET OF TWO FORKLIFT TRUCKS
'BRITISH RAIL' (1:76 - OO)

SUPERB RANGE OF READY MADE MODELS & KITS FROM HOLLAND IN SCALES 'Z', 'N' & 'HO'

10231 - FRENCH SHOP FACADE (1:87 unpainted resin kit - HO)

10235 - BUILDING REAR FACADE (1:87 unpainted resin kit - HO)

14102 - QUAYSIDE STEEL PILING (1:160 unpainted resin kit - N)

Artitec
WWW.ARTITEC.NL

WE HAVE 'TRADE ONLY' CASH AND CARRY SHOWROOMS IN WEST YORKS & DORSET - OR WE CAN DELIVER TO ANYWHERE IN THE UK OR WORLDWIDE - THE UK'S LEADING DIE-CAST WHOLESALE -



Chiltern Model Railway Exhibition

The CMRA Presents the premier exhibition in Hertfordshire, for 30 years at St Albans and now at **Stevenage**

With over 20,000 square feet of exhibition space in a bright and disabled friendly venue we are now able to offer an even better experience. The venue is just across the road from the station & within a couple of minutes of the A1(M) junction 7 or 8, close to reasonably priced car parks, the town centre and the Leisure Park.

The layouts appearing include:
Copenhagen Fields ~ Eskmuir ~ Oulton TMD ~ Black Country Blues
Smeerdijk ~ Canada Street ~ The End of the Line ~ Sidmouth
Cariboo River ~ Netherwood Sidings ~ Vopak Terminal
Laramie Engine Terminal ~ The Clydach Railway
Plus 20 more

The demonstrators include:
Tony Wright, Maggie & Gordon Gravett, Roy Hickman, John Russell,
Cat Gibbs, Maurice Hopper, Michael Tucker, Jon Hall, Roger Sawyer,
Jerry Clifford and others.
Book an advice session on layout design and construction with
Oxford Training, an experienced modelling team.
Bring your problem locomotive and see if Tony Wright can fix it.

Excellent trade support : including our sponsors

DC Kits, D & E Videos, Legomanbiffo Digital Sounds



At the Stevenage Arts & Leisure Centre Lytton Way, SGI 1LZ



More than **30** superb layouts in many scales, gauges & prototypes. Excellent trade support plus many other stands. Refreshments. Free colour guide. Further details 01438 715580 www.cmra.org.uk

January 14th & 15th 2017
Saturday 10.00 - 1730 Sunday 10.00 - 1630

Admission: Adults £8 (up to 2 children FREE with each adult, aged 5 - under 16)
Additional children £4 - Under 5s FREE
Unaccompanied children £4 (aged 10 - under 16)
Special Offer - £2 Off each ticket for residents in SG1 & SG2 when purchased on or before December 31st, 2016.
Tickets on sale now, call 01438 363200 or book online at www.gordon-craig.co.uk

Stevenage Leisure Limited working in conjunction with Stevenage BOROUGH COUNCIL
CMRA Ltd. is a company limited by guarantee No.1340950. Registered office @ Pilgrims Place, Runston Holme, King's Lynn, PE33 0AH

THE HEREFORD MODEL CENTRE

SALES LINE
01432 352809

EMAIL US ON SALES@HEREFORDMODELS.CO.UK
www.herefordmodels.com

4 COMMERCIAL ROAD, HEREFORD, HEREFORDSHIRE, HR1 2BB
OFFICIAL HORNBY COLLECTORS CENTRE

NEW RELEASES

32-992	Wickhams Trolley Yellow	£67.95
R3471	Class 50 NSE	£129.45
7D-008-002	08 Blue [O scale]	£169.50
7D-008-004	08 Black [Oscale]	£169.50
31-635A	64xx GWR	£81.55
31-636A	64xx BR Black	£81.55
31-638	64xx BR Green wthd.	£90.05

HORNBY Steam Locomotives

R2784X	Mallard	£85.00
R3295TTS	A4 Mallard	£102.25
R3004	Serby Hall	£116.45
R3004X	Serby Hall	£133.45
R3017X	BR Patriot	£119.00
R3060	Tornado (Railroad)	£61.45
R3169	Olton Hall GWR	£72.50
R3228	J94 NCB	£65.75
R3229	BR British Monarch	£119.25
R3276	LMS Compound	£66.45
R3235	D16/3 British Railways	£100.95
R3233	D16/3 LNER	£100.95
R3328	S15 BR Early	£123.99
R3329	BR Late S15	£123.99
R3327	SR S15	£123.99
R3381	J15 BR Early	£96.90
R3315	Fowler 2P BR Late	£87.45
R3316	Fowler 2P SDJR	£87.45
R3003	B17/6 Barnsley	£116.45
R3003X	B17/6 Barnsley DCC	£121.95
R3318	B17/6 BR Gilwell	£116.45
R3380	J15 LNER	£96.90
R3325	J50 BR Early	£69.45
R3326	J50 BR Late	£69.45
R3356	9F Crosti weathered	£104.45
R3242A	K1 BR Early	£116.95
R3243B	K1 BR Late	£116.95
R3408	GWR King class	£142.25
R3409	BR King class	£142.25
R3413	S15 Late	£119.45
R3412	S15 Early	£119.45
R3444	Britannia Thomas Hardy	£137.45
R3457	SR Class T9	£116.45
R3463	52XX BR	£106.45
R3465	LNER Class N2	£82.95
R3498	S&DJR 3F JINTY	£33.45
R3496	KELLY & SON 0-4-0T	£26.45
R3461	LNER L1	£125.50
R3411	S.R. S15	£125.95
R3419	SR 700 CLASS	£99.45
R3420	BR/L 700 CLASS	£99.45
R3421	BR/E 700 CLASS	£99.45
R3424	LNER Q6	£125.45
R3425	BR EARLY Q6	£125.45
R3426	BR Late Q6	£125.45
R3311	BR SCHOOLS WESTMINSTER	£119.45
R3335	LSWR Adams Radial	£107.95
R3333	BR Early Adams Radial	£107.95
R3334	BR Late Adams Radial	£107.95
R3416	J15 BR Late	£99.45
R3415	J15 BR Early	£99.45
R3418	K1 BR Early	£114.45
R3417	K1 BR Late	£114.45
R3384TTS	King Class BR Late	£164.45
R3410	King Class BR Early Blue	£142.20
R3499	Hall Class BR Late	£72.45
R3456	N15 BR	£137.45
R3433	D16/3 LNER	£106.45
R3447	B17 LNER	£124.45
R3448	B17 BR	£124.45

TRAIN PACKS/SETS

R3059	Tornado Train Pack	£128.45
R3302	Return from Dunkirk	£229.75
R3093	Tornado Pullman	£134.95
R2986	A Date With The Duchy	£179.80
R3299	1945 Going Home	£259.45
R3220	The Tyseley Connection	£179.25
R3192	Heritage Rail Express	£135.95

R3401	The Bristolian	£234.45
30-165	The Thanet Flyer Set	£152.95
30-285	The Midlander	£178.45
R1180	Postal Express	£124.45

HORNBY

Diesel Electric Locomotives

R2508	CL121	£47.50
R3266	Class 60 Subsector	£133.45
R3161B	SR 2 Bil Green	£120.60
R3180	Tarmac Sentinel	£44.95
R3267XS	Class 60 Transrail w/Sound	£217.75
R3268	Class 67 Arriva	£122.90
R3283	Bagnall Shunter	£25.75
R3290A	BR 2 HAL Green	£113.90
R3346	Class 92 DB Schenker	£70.45
R3340	BR Green 2-Hal	£119.75
R3353	Sentinel Balfour Beatty	£49.45
R3392TTS	Class 40 with sound	£77.45
R3341A	BR Blue 2 HAL	£115.95
R3261	Network Class 08	£84.45
R3343	FGW Class 08	£104.45
R3342	BR Class 08	£104.45
R3373	NRM Class 71	£134.95
R3374	BR Blue Class 71	£134.95
R3376	BR Green Class 71	£134.95
R3478	F.G.W HST	£189.45
R3476	Class 153 Arriva Wales	£86.45
R3477	Class 153 Regional Railways	£86.45
R3486	Class 66 DB Schenker	£77.45
R3487	Class 66 EWS	£77.45
R3483	Sentinel Crossley	£51.45

HORNBY TRACK

R070	Turntable	£59.95
R083	Buffer Stop	£1.65
R207	Track Fixing Pins	£2.50
R394	Hydraulic Buffer	£4.95
R600	Straight	£1.15
R601	Double Straight	£1.85
R604	Curve 1st Rad.	£1.65
R605	Double Curve 1st Rad.	£2.05
R606	Curve 2nd Rad.	£1.40
R607	Double Curve 2nd Rad.	£1.95
R608	Curve 3rd Rad.	£1.65
R609	Double Curve 3rd Rad.	£2.25
R610	Short Straight	£1.10
R614	LH Diamond Crossing	£9.25
R615	RH Diamond Crossing	£9.25
R617	Uncoupling Ramp	£2.60
R618	Double Isolating Rail	£6.85
R620	Railer Uncoupler	£4.35
R628	Half Curve 3rd Rad.	£1.80
R643	Half Curve 2nd Rad.	£1.20
R8206	Power Track	£5.95
R8072	LH Point	£7.95
R8073	RH Point	£7.95
R8074	LH Curved Point	£12.60
R8075	RH Curved Point	£12.60
R8076	Y Point	£8.95
R8077	LH Express Point	£12.60
R8078	RH Express Point	£12.60

HORNBY

Track Accessories

R076	Footbridge	£15.10
R169	Junction Home Signal	£10.35
R170	Junction Distant Signal	£10.35
R171	Single Home Signal	£7.95
R172	Single Distant Signal	£7.95
R189	Single Brick Bridge	£7.95
R394	Hydraulic Buffer	£3.95
R406	Colour Light Signal	£19.00
R537	Lineside Fencing	£6.95
R574	Trackside Accessories	£12.95

R626	Point Underlay	£4.20
R636	Double Level Crossing	£20.15
R638	Track Underlay	£10.55
R645	Single Level Crossing	£12.45
R657	Girder Bridge	£13.50
R658	Inclined Pier Set	£12.65
R659	High Level Pier Set	£6.95
R660	Elevated Track Side Walls	£18.95
R909	Track Supports	£8.65

HORNBY TRACKSIDE

R334	Station Canopy	£18.50
R460	Straight Platform	£3.45
R462	Large Curve Platform	£3.45
R463	Small Curve Platform	£3.45
R464	Platform Ramp	£3.45
R495	Platform Subway	£3.45
R510	Platform Shelter	£10.95
R513	Platform Fencing	£7.95
R514	Platform Canopies	£11.95
R8000	Country Station	£31.95
R8001	Waiting Room	£17.95
R8003	Water Tower	£13.55
R8004	Engine Shed	£18.35
R8006	Diesel Maintenance Depot	£21.99
R8007	Booking Hall	£24.99
R8008	Suspension Bridge	£42.25

HORNBY

Control Equipment

R044	Point Switch	£8.45
R046	Two Way Switch	£8.45
R047	On/Off Switch	£8.45
R602	Power Connecting Clip	£1.65
R8014	Point Motor	£6.75
R8015	Point Motor Housing	£3.99

BACHMANN

Steam Locomotives

31-001	Robinson BR Late Crest	£94.99
31-003	Robinson LNER	£94.99
31-004A	Robinson BR Early	£118.95
31-088	BR Black Earl	£118.95
31-089	GWR Earl	£118.95
31-119	BR 4mt V/crest	£135.95
31-127	Class 3000 BR Early ROD	£118.45
31-128	BR ROD Weathered	£102.45
31-136DC	D11/2	£115.9
31-138	BR D11/2 Early Black	£106.20
31-213DS	Patriot BR Late	£201.45
31-440	Ivatt 2mt BR Early	£110.45
31-441DC	Ivatt 2mt BR Late	£131.70
31-728	GWR City class	£118.95
31-614	V3 BR Late	£110.45
31-615	V3 BR Early	£110.45
31-465	C Class BR	£93.46
31-626A	3F BR	£71.25
31-780	Switland Hall BR Green	£106.20
31-782	Thirlestaine Hall BR	£114.70
31-783	Fountains Hall BR	£114.70
31-932DC	BR Compound	£127.75
31-933	BR Compound Late Crest	£112.88
31-980	BR 3MT Green	£110.45
31-981	BR 3MT Black Early	£101.95
32-084	Class 56XX GWR	£76.45
32-085	Class 56XX BR	£76.45
32-550A	A1 Tornado Apple Grn	£109.45
32-551DS	A2 Seaeagle BR	£196.99
32-954	4MT Black BR Early	£87.50
32-955	4MT Black BR Late	£87.50
31-528A	A2 Pearl Diver	£144.45
32-227B	LMS 3F Jinty	£72.20
32-235	BR 3F Jinty	£80.70
32-279A	K3 LNER Black	£118.95
32-281	K3 BR Early	£118.95

32-882	Fairburn BR Late	£106.20
31-461A	C Class SR Black	£106.20
31-462A	C Class BR Early	£106.20
31-003A	Robinson LNER	£110.45
31-435	1F BR Early	£81.55
31-480	G2 LMS	£101.95
31-481	G2A BR Early weathered	£114.70
31-531	Class A2 Trimbush	£144.45
32-129A	Class 45xx BR Black	£72.20
32-575A	LMS Ivatt 4MT	£114.70
32-353	4MT BR Green	£110.45
32-359A	4MT BR Early	£110.45
32-360A	4MT BR Late	£110.45
32-858	BR 9F Wthd	£140.20
32-881	Fairburn BR	£110.45

BACHMANN

Diesel/Electric Locomotives

32-331	Class 25/1 BR Green	£89.20
31-266	MLV with yellow panel	£62.45
31-268	MLV NSE	£83.26
31-269	MLV Jaffa Cake	£83.26
31-364	Class 03 BR Green wthd	£76.95
31-365	Class 03 BR Blue wth'd	£70.50
31-366	Class 03 BR Green	£70.50
31-575	Windhoff MPV NWR	£108.00
31-658	Class 47 Petroleum Sector	£97.70
31-677	CL85 BR Blue	£85.99
31-679	Class 85 Electric Blue	£118.95
32-034A	Class 20 BR Grn wthd	£97.70
32-044	Class 20 BR Green	£93.45
32-045	Class20 Railfreight	£93.45
32-065	Class 43 Zealous	£118.95
32-066	Class 43 Pegasus	£118.95
32-067	Class 43 Royal Oak	£118.95
32-109	Class 08 NSE Eagle	£84.95
32-408	Class 25/3 BR Blue	£93.45
32-680	Class 45 Blue	£101.95
32-784	Class 37 Mainline	£106.20
32-785DS	Class 37 Dutch	£203.95
32-786	Class 37 EWS	£106.20
32-815	Class47 InterCity	£89.20
32-928	Class 150 Sprinter	£135.95
32-937	Class 150 Centro	£127.45
32-762DS	Virgin Class 57 Hood	£203.95
32-390	Class 37 Petroleum Sector	£101.95
32-381M	Class 37 DRS	£117.25
31-656	Class47 BR Green	£127.45

ORDER BY TELEPHONE

Orders taken 6 days a week
9.00am - 5.30pm Monday to Saturday
01432 352809

MAIL ORDER SERVICE

ALL PRICES VALID UNTIL 31.01.17
You must state these prices when ordering

POSTAGE & PACKING RATES PER ORDER:

UK Standard Postage	£3.95p
UK Insured Postage and Packing Rate	£7.10p
UK Courier Transport and Packing Rate	£9.00p
Worldwide at cost. VAT free to non EC.	

**Train Sets/Packs and Controllers/Handsets
Postage charged at cost**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Please allow 7 days for clearance when paying by cheque

PLEASE QUOTE OUR SPECIAL PRICES WHEN YOU VISIT US.

Credit Cards Welcome - Visa, Mastercard, Maestro
Please state expiry date

BTH Type 1 / BR Class 15 locomotive

7mm scale ready-to-run



Our highly detailed, full specification models are now ready to buy either DCC-ready or fitted with a custom-designed DCC decoder. Prices start from only £375, or £475 DCC with full lights and sound.

Each model has working train identification discs, professionally designed twin speaker system, full prototypical lighting, high-torque motor driving both bogies, finely detailed cab interior and a complete decal sheet allowing you to finish your model in almost every in-service livery – simply choose one of the three standard models shown above to start. You don't have to buy anything else.

Also available is a strictly limited edition model of D8233 – the last remaining example. Only 50 models are being produced, all of which are fully decorated in 'as-built' condition. All profits will be donated directly to the Class 15 Preservation Society.

Models are available to purchase direct from our website or selected stockists below.

littleloco.co.uk



Amberly Services
07802 271 081

Antics
01453 825 381
www.anticsonline.co.uk

Digitrains
01522 527731
www.digitrains.co.uk

Scograil
01473 252009
www.scograil.co.uk

Trains4U
01733 895989
www.trains4u.com

MegaPoints Controllers

Awesome layout control system

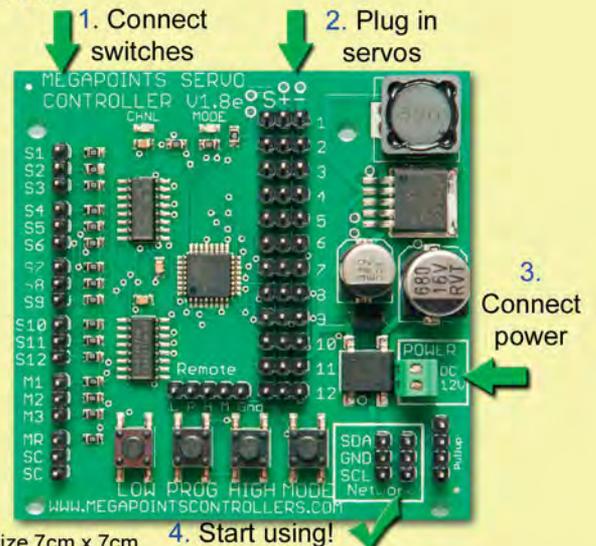
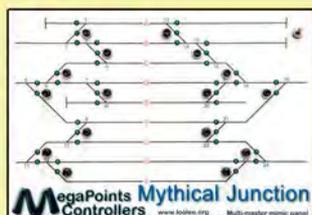
Includes semaphore bounce - see web for details

MegaPoints Servo Controller features:-

- Control up to 12 points or semaphores!
- Can be used for gates, uncouplers, barriers, doors etc.
- Simple setup – programming buttons on the main board!
- Variable speed control and reversing.
- Built in memories for quick route setup!
- All connections via plugs (supplied), no soldering needed.
- Uses industry standard servos costing as little as £1.50 each!
- Amazing semaphore bounce realism - physics modelled and random, each bounce is subtly different!
- Works with analogue, DCC, steam, any gauge.

MegaPoints Controller £60
DCC Module £30
Prices inclusive of VAT

Control your layout from one or more mimic panels using just a single cable. See the videos on our web site.



Size 7cm x 7cm

Web & details: www.megapointscontrollers.com
Designed and built in sunny Cheshire, UK.

Rev: 16-03

WE WANT YOUR Model Railways



We will buy almost any Railway Collection, large or small. All gauges will be taken, in any condition. We always give an honest price and will collect and dismantle any layout.

Telephone: **01302 371623**

Mobile: **07526 768178**

or email: anoraksanonymous@googlemail.com

• **Online shop** selling a range of precision laser cut architectural detailing, kits, tools and materials



York's Magnetic Mates - a perfect gift for all scale modellers

• **Bespoke laser cutting service** using plastics, timber, card & acrylics

• **Affordable** and easy to use, creating perfect results

• **Free quotes** • 3D Printing service



Send us an A4 size SAE with a large size stamp for 0, 00 or N scale price list

Photo courtesy of Norman Raven

York Modelmaking 01904
Unit 13, Bull Centre, Stockton-on-the-Forest, York, YO32 9LE 400358

A C Models

Tel: 02380 610100 www.acmodelseastleigh.co.uk

We have now expanded to number 9 High Street and our Spares Department & Games Workshop at number 7 is now open Visit us at www.acmodelsparcs.co.uk.

New R/C Dept now open

Your one stop shop for the model enthusiast, selling brand new and near new model trains, slotcars, sets, and diecast toys at very special prices direct from our website or our shop in Eastleigh.

Stockists of



and much more



7/9 High Street, Eastleigh, Hants SO50 5LF

email: info@acmodelseastleigh.co.uk Closed Weds, Sun.



Sales 01429 297277

All your Electronic, Electrical, & Hardware Requirements
Over a 1000 products for your Model Rail

NEW

Momentary Switch Memory
Indicates the last position of a momentary switch or the position of points without sensors
MR204

Additional Power Supply 5v or 12v 5A
You never know when you require some additional power for accessories available in 12v or 5v at 5 Amps

NEW

Baseboard Hardware
We supply alignment Dowels, Section Locking Catches, and adjustable feet all for your MR table or Base-board

Multicore Cable
Multicore Cable from 4 core up to 25 core. Also available as screened cable in 8 & 12 core.
CB599 to CB627

Mini Toggle Switches
Toggle switch with Red/Green LED and Terminal Block connectors. Momentary (ON)-OFF-(ON) SW301-1, ON-OFF SW305-1, ON-OFF-ON SW303-1

Power Distribution Board
An DC Power Distribution Board - if you are not into soldering. Ideal for Bus Bar or general local distribution, etc.
CN165

Switches
Push Button, Toggle, Mini toggle, Slide, Leaf, Reed, Rotary, Thermal, Vibration, In fact all types of switches.

Equipment Wire
1/0.6 wire in 9 colours
7/0.2 wire in 9 colours
16/0.2 wire in 12 colours
24/0.2 wire in 11 colours
32/0.2 wire in 12 colours
Available in 100m rolls or 10m spools

Electronic Kits
Steam Engine Generator, Adjustable Timers, Speed Controllers, metal Detectors, Infra Red Detectors, Position Control Circuits

We now have a Stock Catalogue. Please contact us on 01429 297277 for a copy

Have a look on thehobbyshed.co.uk for Inspiration & Solutions

We accept all forms of Payment on the web site brimal.co.uk If you have any problems ordering please contact us

KS Laser Designs Ltd

All our kits are Laser Cut in England from MDF, PLY, acrylic and card detailing

www.kslaserdesigns.com

Kevin: 07866073194 Stephen: 07958372872



Bridge Kits: N & OO Gauge

KS44-02-01 **N** Swanage triple lane bridge £25.00
KS44-03-02 **OO** Triple lane bridge £36.00

Cab Holders

KS37-01 NCE Cab/Throttle holder £12.00
KS37-02 Lenz 100 Throttle holder £12.00
KS37-03 Gaugemaster Throttle holder £12.00

Fencing: OO & O Gauge

KS32-01-02 **OO** Security fencing £9.00
KS32-01-03 **O** Security fencing £10.50
KS33-01-02 **OO** Security double gates £2.50
KS33-01-03 **O** Security double gates £8.00

Cable Drums: OO & O Gauge

KS51-01-03 **O** 5ft Cable drums + stand £6.75
KS51-02-02 **OO** 7ft Cable drums + stand £5.55

Building Kits: N OO & O Gauge

KIT04-01-02 **OO** Pitched roof goods shed £30.00
KIT05-01-02 **OO** Pitched roof engine shed £30.00
KIT05-02-01 **N** Pitched roof engine shed £30.00
KIT01-01-L **N** North light goods shed £15.00
KS29-01-03 **O** 12ft x 8ft Shed £9.40
KS29-03-03 **O** Wooden Café £12.00
KS29-10-03 **O** Platelayers Hut £12.00
KS36-02-01 **N** 3 Bay Bus Depot £6.00
KS36-03-01 **N** 3 Bay Engine Shed £6.00
KS70-01-02 **OO** Fire station training tower £6.00

Walls, Support and Arched: OO & O Gauge

KIT02-01-02 **OO** Support wall £9.75
KS26-01-03 **O** Single low relief arch £13.50
KS27-01-02L **OO** 5ft brick wall £3.85
KS27-01-03 **O** 8ft Brick wall £11.00

Platforms and Pits: N OO & O Gauge

KS19-01-03 **O** Inspection Pit £14.75
KS25-01-01 **N** Stabling platform £6.00
KS25-01-02 **OO** Stabling platform £5.00
KS25-02-03 **O** DMU/Carriage stabling £10.75
KS25-03-02 **OO** StationPlatform End 50mm £3.50
KS25-04-02 **OO** Station Platform 50mm £6.50
KS25-05-02 **OO** StationPlatform End 75mm £4.50
KS25-06-02 **OO** Station Platform 75mm £7.50

ROCHESTER GAMES MODELS & RAILWAY

FREE parking All your modelling and railway needs under one roof **Find us on f**

Shop Opening Hours: Mon-Sat 10am to 6pm, Sun 10am to 4pm.
Late night opening Tuesdays and Thursdays.

21 Corporation Street, Rochester, Kent ME1 1NN
Tel: 01634 815699 Email: rochester-games-models@gmx.co.uk
www.rochestergamesmodelsandrailway.co.uk



Trains4U.com

27 St. David's Square, Fengate Peterborough PE1 5QA
Open Tues-Fri 9:30 - 5:00, Sat 9:00 - 5:00, Sun 10:30-3:30, Closed Monday
Huge range of models in N, OO & O. Used items bought & sold. Gift Vouchers available

Scenic materials, tools, paint, track & accessories. DCC and sound fitting. Repairs & servicing. Models detailed and weathered to your specification - call or e-mail for a quote

Tel: 01733 895989 e-mail: Trains4U@BTConnect.com

ANDY LOWE Electronics

All your electronic components at LOWE prices
REPAIRS TO MOST MAKES OF DC CONTROLLERS
www.andylowelectronics.co.uk

MIN TOGGLE SWITCHES

SMT1 SPST on/off
SAVE 20%
ONLY £1.00 ea.
SMT6 SPDT on-off For Points
£1.60 £1.40 ea.



GRAIN OF WHEAT BULBS

12v built-in resistor
3mm dia x 10mm,
80ma, 120mm insulated leads
rd, bl, yel, amb, clear, gn
30p each



READY FOR BOXING DAY?

LEDs

LD12 14v LED 3mm rd, gn, yl, no resistor
required as built-in 40p each

Any quantity 30p ea.

CTB2 TAG BOARDS

Mini Tag Boards
2 rows x 18
117mm x 38mm
£2.45 each or 3 for £7.00



REPAIRS TO DC CONTROLLERS **£35**

Fully services & repaired

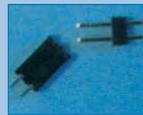
PUSH BUTTON SWITCHES

SPB1 6mm off-(on) momentary
rd, bk, gn, yl, wh, bl
40p each
Any quantity 35p each



CMP100 2 PIN TINY PLUGS & SOCKETS

3/8" x 3/16" -
ideal between
loco and tender
50p pair



SNAPLOCK/SPLICE CONNECTORS

Quick and easy system for
joining dropper wires to the
main bus bar with no soldering required.
Red 0.8mm - 2.0mm **15p each**
Blue 1.0mm - 1.5mm **15p each**



T: 01981 540366 E: andy@andylowelectronics.co.uk
Hillcrest Cottage, Little Birch, Hereford HR2 8AY
Cheq: Andy Lowe P&P: £2.99 PayPal

BURE VALLEY MODELS

www.burevalleymodels.com

Hornby	Bachmann
R3019 BR Grange Pavland Grange Late Crest.....£112.95	31-136 DC LNER D11/2'Edie Ochiltree' BR Black Late...£89.99
R3098 Tornado Loco Late Special Edition.....£85.00	31-138 D11/2 Haystoun of Bucklaw 62682 BR Black...£89.99
R3110 BR 61XX 2-6-2T Prairie 6129 BR Black Early.....£59.99	31-268 419 MLV Network SouthEast.....£85.00
R3129 SR Class M7 Southern Black Sunshine No. 249.....£112.99	31-433 Midland 1F LMS Black 1739 Half Cab.....£76.00
R3170 GWR "Adderley Hall" 4900 Class.....£59.00	31-434 Midland 1F 41803 British Railways Half Cab.....£76.00
R3208 Schools Class Brighton.....£99.00	31-435 Midland 1F BR Black Early 41726 Full Cab.....£76.00
R3233 D16/3 4-4-0 LNER Black No. 8825.....£79.25	31-464 C Class 593 Southern Black - Green Lining.....£79.99
R3235 D16/3 E2524 1948 BR Black British Railways.....£79.25	31-465 C Class 31579 0-6-0 BR Black Late.....£79.99
R3260 SR 2-HAL 2 Car Electric Multiple Unit.....£85.00	31-528A A2 60529 Pearl Diver BR Green Late.....£130.00
R3275 BR Class 31 144 Diesel-Dutch Livery.....£45.99	31-531 Class A2 Trimbush BR Lined Green Early.....£130.00
R3290 BR 2-HAL EMU Set No. 2639.....£85.00	32-285 Class 101 2 Car DMU Green Speed Whiskers.....£118.00
R3290A BR 2-HAL EMU Set No. 2630.....£85.00	
R3337 A4 Silver Jubilee Collection.....£475.00	
R3342 BR Class 08 Shunter 0-6-0 BR Blue 08 499.....£89.00	371-079 Class 25/3 D7638 BR Two Tone Green.....£59.00
R3343 Class 08 Shunter First Great Western 08 822.....£89.00	371-741 Midland Pullman 6 Car Unit Nanking Blue.....£165.00
R3353 Sentinel 4wDH "Balfour Beatty" Orange Livery.....£47.50	372-181 46229 Duchess of Hamilton BR Green.....£120.00
R3373 BR Class 71 BR Green Small Yellow End E5001.....£120.00	372-182 46235 City of Birmingham BR Green Late.....£120.00
R3374 BR Class 71 BR Blue 71012.....£120.00	372-185 Princess Coronation City of Bradford Black.....£120.00
R3376 BR Class 71 BR Green Full Green End E502.....£120.00	372-186 46226 Duchess of Norfolk BR Blue Early.....£110.00
R3433 D16/3 Claud Hamilton 8900 LNER Grn.....£105.00	372-932 N Class 2-6-0 31811 BR Black Late Crest.....£99.75
R3477 Class 153 Regional Railways 153321.....£85.00	372-933 N Class 2-6-0 810 SECR Grey.....£99.75

Graham Farish



Shop open 7 days a week 9am to 5pm
Aylsham Station, Norwich Road, Aylsham, Norfolk, NR11 6BW
Tel 01263 733858 E-Mail shop@bvrw.co.uk
Postage £5.00 per order to UK destinations

NEW! Train-Tech Brand New Products!

FULLY AUTOMATIC SIGNALS - BUILT IN SENSOR - DC & DCC!



Self-contained signals - just clip into track or wire to nearest DC or DCC supply

<h3>SMART LIGHTS</h3> <p>Multicolour effects</p>	<h3>FEATHERS • THEATRES</h3> <p>Assembled DCC or kits for DCC</p>	<h3>TRAFFIC LIGHTS</h3> <p>Fully assembled</p>
--	---	--

<h3>LEVEL CROSSING LIGHT & SOUND</h3> <p>Assembled in N & OO with barriers</p>	<h3>EASY MIMIC SWITCHES & LEDS</h3> <p>Just a single wire links signals & points!</p>
--	---

ALL IN OUR NEW FREE BROCHURE - JUST EMAIL OR CALL

Train-Tech
Model Technology Made Easy

DCP Express, Bryon Court,
Bow Street, Great Ellingham
NR17 1JB, UK
www.Train-Tech.com

01953 457800 / sales@dcpmicro.com



Flying Scotsman plus Support Coach Pack – Limited Edition

THE NATIONAL COLLECTION IN MINIATURE SERIES



Locomotion
THE NATIONAL RAILWAY MUSEUM AT SHILDON



L&Y Tank No. 1008 Exclusive Edition



CI Atlantic GNR No. 251 Exclusive Edition

AVAILABLE EXCLUSIVELY FROM:

www.locomotionmodels.com the NRM's on-line model shop

or the Locomotion museum shop in Shildon Tel: 01904 685785



PETER'S SPARES

MODEL RAILWAYS LIMITED MAIL ORDER & REPAIR SPECIALISTS



- ❖ New & Used Hornby Spare Parts
- ❖ Our own spare parts made in China
- ❖ Locomotives and Rolling Stock
- ❖ Plastic Kits, Paints, Tools & Glues
- ❖ Digital Decoders & Controllers
- ❖ Locomotive Detailing parts
- ❖ Mega Steam Smoke Fluid
- ❖ Tracks & Train Sets
- ❖ We have it all at Peters Spares

NEW

We have just purchased the remaining **15,000 HORNBY SPARES** from **EAST KENT MODELS** specific to **CHINESE MADE HORNBY MODELS**, we are cataloging these parts please enquire or visit our website to view current stock levels.

NEW



NEW & USED MODEL RAILWAYS

Specialists in Model Trains since 1994 - Servicing, Repairs & DCC Decoder Fitting

2J Brighouse Business Village, Riverside Park, Middlesbrough, Cleveland TS2 1RT

Tel: 01642 909794

Open Mon-Sat 10am - 5pm

Web: www.petersspares.com

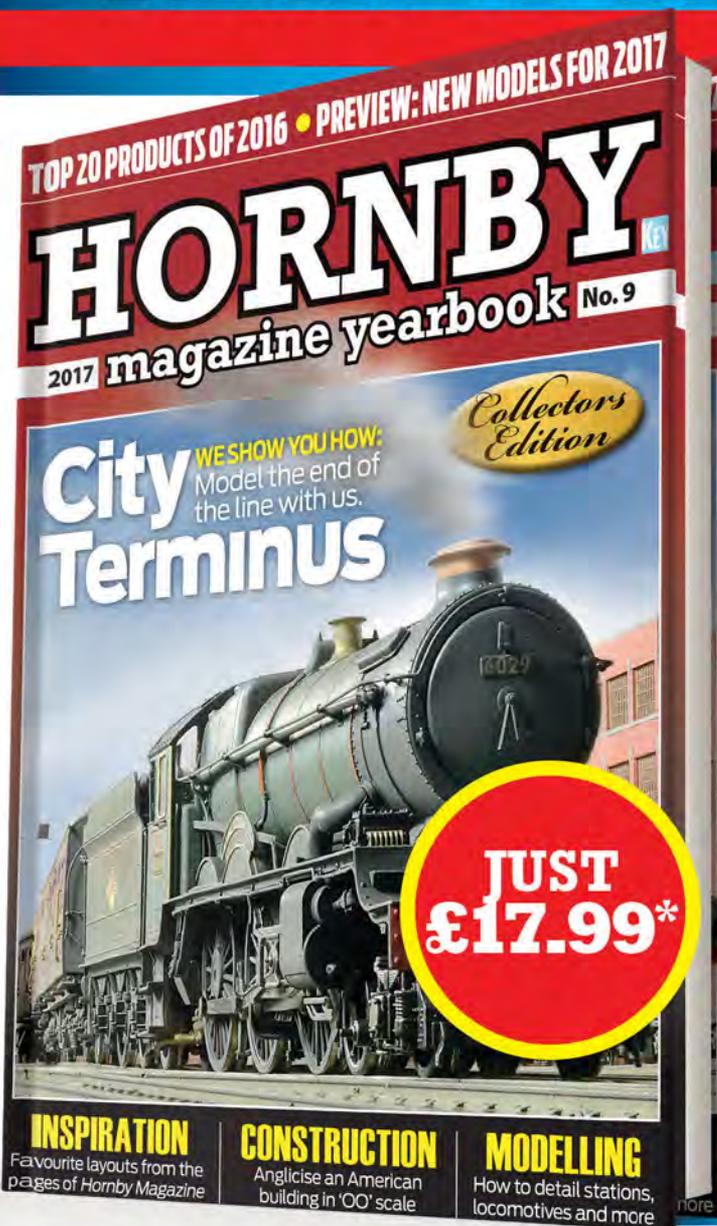
Email: sales@petersspares.com



NEW!

HORNBY MAGAZINE YEARBOOK 2017 NO.9

COLLECTORS' EDITION HARDBACK



In this ninth edition of the *Hornby Magazine Yearbook*, the new project layout introduces a variety of skills from making use of overseas buildings to detailing stations, locomotives and more. It features the latest layout build from the *Hornby Magazine* team to create a 1960s Western Region style city terminus with full digital command control, working signals and more. Add to that quality photography, in-depth step by step guides, inspirational favourite layouts and evocative black and white prototype images, and this Yearbook is a must-have addition for modellers of all ages and skill levels.

128 PAGES, HARDBACK.

HIGHLIGHT FEATURES:

Born in the USA

Tim Shackleton takes a Walthers Cornerstone kit designed for the American market and shows how it can be turned into a very British station building.

Station detailing

Mike Wild offers 10 top tips to make your layout's signature location stand out from the crowd.

Forward to 2017

With almost 90 new locomotive models in development across 'OO', 'N' and 'O' gauge, we round them up and look ahead to 2017 and beyond.

This Yearbook is also available as a softback bookazine for just £6.99!

Visit website or call to order.

AVAILABLE **NOW** FROM **WHSmith** AND OTHER LEADING NEWSAGENTS



Alternatively, Order Direct

Free P&P* when you order online at www.keypublishing.com/shop



Call UK: 01780 480404
Overseas: +44 1780 480404

Monday to Friday 9am-5:30pm

SUBSCRIBERS CALL FOR YOUR £5.00 DISCOUNT!

*Free 2nd class P&P on all UK & BFPO orders. Overseas charges apply. 1104/16

We run workshops to enhance your skills and knowledge in:
iTrain, Decoder fitting, Ecos, Z21, Uhlenbrock, Marklin,
Digikeijs, and many more.

Your Local Model Railway Shop in Somerset

Whether you are looking for Digital Control or even more we are here to help you explore and develop your model world. We stock items from all the main manufacturers from track to trains, scenic and tools.

Unit 4 The Courtyard, Bowden's Farm, Hambridge, Somerset, TA10 0BP
Tel: 01823 429309



ADM TURNTABLES
INDEXING DRIVE SYSTEM MANUFACTURERS
www.admturtables.co.uk

The ultimate Indexing Turntable for
OO and N Gauge; plus Drive
Systems for other gauge sizes

- N & OO gauge - based on a popular turntable
- Single or Multiple Use
- Unique Belt Driven Solution
- Quiet Running System
- Bridge Live Through 360°
- Up to 100 Indexable Positions
- Suitable for DCC or Analogue
- DCC controllable
- Simple to use Controller
- Easy to Programme
- Full Two Line Digital Display
- Fully Assembled & Tested
- Easy to Install and Operate



Designed and built in the UK

ADM Turntables Tel: 01933 411127 Mobile 07770 977867
Email: alastair@admturtables.co.uk Website: www.admturtables.co.uk

**Possibly Hampshire's Largest Stockist
of Model Railways, Diecast, Books,
Magazines, Scalextric and much more...**

Full range of model railway products from the leading manufacturers including:

- Hornby, Bachmann, Dapol, DJ Models, Graham Farish, Heljan, Oxford Rail, Peco, Dapol, Ratio, Wills, Superquik, Metcalfe, Gaugemaster, Parkside, Railmatch, South Eastern Finecast, Woodland Scenics and many, many more.

DCC equipment from DCC Concepts, ESU, Gaugemaster, Hornby and Bachmann. Sound decoders from South West Digital.

Also stockists of Die cast models including: Corgi, EFE, Oxford Die-Cast, Base Toys & Classix.

Modelling materials & tools.

NEW! Now stocking Vallejo Model Colour AK pigments and washes

Wide selection of books, DVDs, videos and magazines.



Monday: Closed
Tuesday to Saturday: 9.00am to 5.00pm
Sunday: See website / call
Tel: 01420 542244
altonmodelcentre.co.uk
7a Normandy Street, Alton
Hants, GU34 1DD

**Modern LOCOMOTIVES
ILLUSTRATED**

December 2016 - January 2017

£4.50



ONLY
£4.50

No. 222 **Departmental Locomotives**

The UK's Number One Modern Traction Partwork

ISSUE 222 ON SALE NOW

FEATURING:

- PRE-NATIONALISATION VEHICLES
- LM ENGINEERING DEPARTMENT
- ER CHIEF CIVIL ENGINEERS LOCOS
- SOUTHERN REGION LOCOS
- WORKSHOP AND DEPOT PILOTS
- DREWRY/BAGULEY OVERHEAD CARS
- PWM650 - PWM654
- DERBY RTC LOCOMOTIVES
- CEGB FLASK CRASH CLASS 46S
- TRAIN HEATING CLASS 15, 24 & 31S

AND MUCH MORE!

Available now from **WHSmith** and all other leading newsagents

ALTERNATIVELY, ORDER DIRECT:

1188/16

Order online with FREE P&P* at
www.keypublishing.com/shop

*Free 2nd class P&P on all UK & BFPO orders. Overseas charges apply. Postage charges vary depending on total order value.



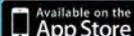
OR



Call UK **01780 480404**
Overseas +44 1780 480404
Lines open 9.00am - 5.30pm GMT



Also available on



also available for PC, MAC & Kindle Fire from



Search: Modern Locomotives Illustrated

MARCWAY POINTWORK

PROFES
Est. 53 years

RENOUN FOR QUALITY UNRIVALLED EXPERTISE
IN TRACK AND POINTWORK

Ranges available in gauges 1, 0, SM32, 00, EM, HO 0-16.5.
All are ready to run and spray finished. SAE or phone for leaflet.

MARCWAY 0 Gauge Pointwork
Handcrafted with code 125 bullhead nickle silver rail matching Marway, Peco and C&L 0 gauge track. Built as per all our ready to run pointwork ranges with live frogs, are self isolating and rail built throughout with no cast or moulded parts. Extensive standard range including 3 ways, slips, crossings, curve points etc. L & R point start at £47.50.
Introductory offer 4x72" or 48" points £170.00

MARCWAY 00 & EM Pointwork
Handcrafted in either 00 or EM gauges with code 75 nickle silver Bullhead rail and to match to SMP Scaleway track. The 00 range are built to take Hornby, Bachmann, Lima as well as finescale wheel standards EM are set to the normal fine settings. Range includes slips, 3 ways, curve points etc. Construction & finish as per 0. Prices start at £27.50 for L or R.
Introductory offer 4 or L or R, hand 36" or 48" points for £98.00.

SMP & MARCWAY SCALE FLEXIBLE TRACKS
Injection moulded plastic based. Finely detailed and proportioned to capture bullhead trackwork of the British Steam era.

0 Gauge 0 Track 125BH Rail Nickle Silver. Box of 10 yards.....	£75.00
J Scaleway 00 Track 75BH Nickle Silver Rail. Box of 10 yards.....	£46.50
K Scaleway 00 Track 75BH Phosphor Bronze Rail. Box of 10 yards.....	£46.50
L Scaleway EM Nickle Silver Track 75BH Box of 10 yards.....	£46.50
M Scaleway EM Phosphor Bronze Track 75BH Box of 10 yards.....	£46.50
P4 18.88 + 19.33 75BH Rail. Boxes of 10.....	£49.00

Custom Pointwork
We construct custom pointwork & junctions in any gauge to your required specifications.
All gauges from 0 to 009 including Dual Gauge & American 0 & Narrow Gauges.
PHONE MARC ON 01709 542951 (not always manned)
TECHNICAL & CUSTOM POINTWORK

POSTAGE EXTRA COST.
MARCWAY SCALE MODELS
Open 10-5 - 6 days for more information go to marcway.net

Tel: 0114 2449170 Phone or Post your order. Full Marway Pointwork list
HORNBY & SCALEXTRIC MAIN AGENTS Peco - Farish - Gaugemaster - Bachmann etc. Sets, Train Packs Locomotives and Rolling Stock, Track Controls and Accessories etc. Also modellers tools, airbrushes, paints, plastic, metal and wood section and sheet.
Secondhand equipment bought and sold. Vast selection combined with helpful & friendly service - Free technical advice by phone or in store.
SITUATED 2 MILES FROM M1 JUNC 34 (Meadowhall Exit) 200yds from Attercliffe Tram Stop
Visit our spacious shop - vast selection of equipment in all gauges
598-600 ATTERCLIFFE ROAD, SHEFFIELD S9 3QS

FILET - CRAFTSMAN BUILT IN OUR ON WORKSHOP

SALE SALE SALE SALE SALE SALE SALE

HORNBY:	BACHMANN:
R2844 30934 BR Early£91.00	31-167DC 50795 Black (W) ..£84.00
R4396 DVT One£37.00	31-933 41157 BR Late£102.50
HELJAN:	FARISH:
1600 D8400 BR Green£105.00	371-167 37514 RF Metals£80.00
2301 D5903 Green Full Yel ...£90.00	371-286 D9002 TT Green£84.00
2302 D5908 Green Full Yel ...£90.00	372-426 90568 BR Late£100.00
2309 D5905 BR Grn SY(W) ...£102.50	372-427 90201 BR Late (W) ..£105.00
1604 D8409 BR Grn Gloss ...£105.00	372-726 73158 BR Late£94.00
2322 D5905 BR Green£101.00	All subject to availability
2323 D5909 Green (W)£109.00	UK P & P from £4.10 per order
2724 D5353 BR Green£78.00	

We also stock 00 & N gauge from Bachmann, Base Toys, Britbus, Classix, Dapol, Dornaplas, EFE, Farish, Gaugemaster, Heljan, Hornby, Humbrol, Kestrel, Metcalfe, Modelscene, Oxford Diecast, P.Dundas (N), Peco, Plastruct, Ratio, Superquick, Wills, Woodland Scenic & Deluxe Materials.

ONLINE SHOP www.churchstreetmodels.co.uk
Mon-Sat 09.30-17.30 • Closed Tuesdays and Bank Holidays
Church Street Models, 10A, Church Street, Basingstoke, Hants, RG21 7QE
01256 358060 • Mail Order Welcome

OSBORN'S MODELS

SCARBOROUGH FLIER
Valanced 34

PEREGRINE
LNER
9403

OSBORN'S MODELS

DOING 'N' SCALE
ON A
BIG SCALE

7 HONESTONE ST, BIDEFORD, N.DEVON, EX39 2DL 01237 423453

www.osbornsmodels.com

DESIGNED & MADE IN THE UK

4GROUND

TRACKSIDE AND WATERWAYS

Fully featured laser cut kits with pre-painted parts as standard.

www.4groundtrackside.com

HAVE YOU ASKED YOUR LOCAL MODEL SHOP IF THEY STOCK 4GROUND

Model Rail Baseboards

Manufacturers of bespoke modular baseboard systems

- Custom made baseboards, Helix, Storage systems • Point control systems
- Complete layout service



CHECK OUT OUR NEW WEBSITE WHERE YOU WILL FIND OUR NEW RANGE OF LIGHTING, COMPONENTS, POWER SUPPLIES + MUCH MORE..

www.modelrailbaseboards.com
 sales@modelrailbaseboards.com
 00 353 (0)87 6555 052



Fully tested and guaranteed for 5 years

MORLEY CONTROLLERS

Experience the ultimate in controller technology!

VANGUARD ZERO ONE

- 2 x 5mtr hand held controllers
- 1 x 12V DC accessory
- 0 gauge

£120 PLUS £6.90 P&P



VESTA ZERO TWO

- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- N gauge

£75 PLUS £4.80 P&P



VECTOR ZERO TWO

- 2 x 2.5mtr hand held controllers
- 1 x 12V DC accessory
- 00/HO/N/009 gauge (1 amp per track)

£75 PLUS £4.80 P&P



VORTRAX ZERO NINE

- 2 x 5mtr hand held controllers
- 00/HO/N/009 gauge (1 amp per track)
- 2 x 12V DC accessories

£135 PLUS £6.90 P&P



Each controller has state-of-the-art design, offering very best performance capability. Slow and fast speeds are superb. Internal separate transformers for each track from 220/240 AC mains and on-board CDU for point motors.

www.morleycontrollers.com

(Secure order site)



01704 533 116

(Overseas enquiries +44 1704 533 116)



jet@morleycontrollers.com



PO Box 501, Southport, PR9 9ZL

Also at PO Box 1230, Wangara BC, Perth, Western Australia 6947

Tel: (08)930 56358. <http://aus.morleycontrollers.com>



Olivia's Trains of Sheffield

'OO' Gauge UK DCC Sound Specialists.  25a Mansfield Rd, Intake, S12 2AE

Extensive UK sound library utilising the Loksound decoders. DCC/ Sound Fitting Whilst You Wait.



Heljan Class 58's Available Now.

Bachmann Class 66 111 Available Now!

Heljan EM2 Class 77 / EM1 Class 76 - Available Now.

Heljan "Falcon" 4 Versions.

Heljan "Kestrel" Available Now.

Dapol Class 73's Available Now.

Coming 2016 - Class 73 In EW&S, Fragonset & Network Rail. pre-order now!

For More details on the above & all our stock visit:

www.oliviastrains.com

Tel: 0114 3216 160 Tel: 0114 2647 449 Mob: 0755 7126 651

e-mail: oliviastrains@blueyonder.co.uk



ROXLEY MODELS

SPECIALIST ADVICE FOR ALL YOUR RAILWAY NEEDS



R3434 - SR 4-6-2 'Channel Packet' '21C1' Merchant Navy Class (Un-Rebuilt)



Telephone: 01372 452976

Website: www.roxleymodels.co.uk

Email: enquiries@roxleymodels.co.uk

Address: 4 Beckley Parade, Leatherhead Road, Great Bookham, Surrey, KT23 4RQ
 Opening Hours: Mon-Fri (9.30-17.00), Sat (10.15-17.00), Sun (Closed)



NEWS.....LATEST TEAM NEWS.....LATEST

All B17 NAMEPLATE SETS are now available...

The FOOTBALL SERIES can be supplied fully made up (complete with football and colour transfers) or as 'nameplate only' with separate colour transfers.



- MANCHESTER CITY •
- ARSENAL •
- GRIMSBY TOWN •
- MIDDLESBROUGH •
- LEEDS UNITED •
- DONCASTER ROVERS •
- HULL CITY •
- LIVERPOOL •
- SHEFFIELD WEDNESDAY •
- EVERTON •
- NORWICH •
- LEICESTER CITY •
- BRADFORD •
- BRADFORD CITY •
- BARNSELY •
- TOTTENHAM HOTSPUR •
- SHEFFIELD UNITED •
- NEWCASTLE UNITED •
- MANCHESTER UNITED •



FOX TRANSFERS LTD
TEL +44 (0)116 319 4950

Unit 5, Priory Business Park, Wistow Road,
Kibworth, Leicestershire LE8 0RX, ENGLAND callers by appointment
email: sales@fox-transfers.co.uk web: www.fox-transfers.co.uk

Fmw

Finescale Model World

WINTER SALE ...

See Website for more info.

AIRBRUSH & MINI COMPRESSOR KIT

R.R.P. £99.99 WAS £59.99

SALE £49.99 + p&p



SELF CONTAINED PORTABLE SPRAY BOOTH

R.R.P. £99.99

WAS £69.99

SALE £65.00 + p&p



WHY NOT BUY BOTH OF THE ABOVE

SALE £110.00 + p&p

EVERYTHING YOU NEED FOR A PROFESSIONAL FINISH FOR YOUR MODELS

www.finescalemodelworld.co.uk

Telephone:

01902 650077



email: finescalemodelrailways@gmail.com

The **Airbrush Company** Ltd

Quality Equipment - Paints - Accessories - Training

SPARMAX

SILVER BULLET™ Plus



2 in 1

Moisture Trap with a built-in Bleed Valve

Included with Arism Viz or available separately.



ARISM VIZ

SMART STOP Power Saving Function

Pauses compressor when airbrush is placed into holder, restarting when taken off again.



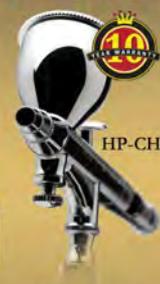
Quiet DC motor for universal mains usage, coupled with its small size the ARISM Viz is ideal for travel. Separate battery packs & charger for when you're on the move

neo

iwata



With online practice exercises



10 Year warranty on Iwata airbrushes



COM•ART

DARKSTAR PIGMENTS

LIFECOLOR ACRYLIC ROBBY COLORS

Alclad II

www.Airbrushes.com

01903 767800

sales@airbrushes.com

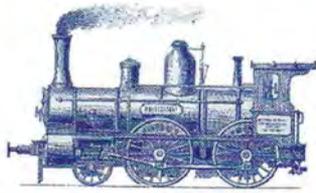


SAWYER MODELS



sawyermodels@earlestown

sawyermodels@earlestown



27 BRIDGE STREET, EARLESTOWN,
NEWTON-LE-WILLOWS, MERSEYSIDE, WA12 9BE

Bachmann G Scale Thomas Set.....	£199.00
Hornby R1167 Flying Scotsman Train Set.....	£99.00
Bachmann 31-660 BR Blue Class 47 large logo.....	£99.00
Oxford Rail Triple Pack 7 Plank Wagons Weathered.....	£23.50

Pre Owned items also available

Situated on Bridge Street, Sawyer Models are OPEN Monday to Wednesday and Friday to Saturday 10am to 5pm CLOSED Thursdays and Sundays with FREE parking throughout Earlestown and only a 2 minute walk from Earlestown train station.



01925 227835 • sawyermodels@hotmail.com
www.sawyermodels.co.uk

SOUTHAMPTON Model Railway Exhibition 2017

28th & 29th JANUARY

Saturday 10.00am to 5.00pm
Sunday 10.00am to 4.30pm



PEMPOUL
1:50/18.2mm gauge

More than 20 quality LAYOUTS

- including one of the last appearances of
'PEMPOUL' by Gordon & Maggie Gravett

Information from **SPECIALIST SOCIETIES**
on both scale & full-size railway matters

With skilled **DEMONSTRATORS**
to show you how

Plus well-known **TRADERS** from around the country

Barton Peveril College, Chestnut Avenue, EASTLEIGH. SatNav = SO50 5BX

- **By Car:** Follow the AA signage from either Junction 5 of M27 or Junction 13 of M3.
- **By Train:** Both Eastleigh & Southampton Parkway Stations are about 1¼ miles from the College.
- **By Bus:** The Eastleigh area is served by Bluestar and Xelabus services.



HOT & COLD refreshments available

For further details about our 2017 Exhibition please visit our website

ADMISSION:
(with FREE guide while stocks last!)

Adults: £ 7.00
Children (5-15): £ 3.00
Family (2+2): £17.00

www.southamptonmodelrailwaysociety.wordpress.com

SouthWest digital

Distributor for the UK



Trade welcome



Crystal clear digital sound

Photos: Chris Perkins

New **YouTube** channel, see website for details
ALL products come with a 2 year warranty and FREE return postage

Close your eyes and you're there!

UDRIVE

responsive sound algorithm

The highest quality sounds in all gauges. A wide range of responsive steam and diesel sounds developed for the all new **UDRIVE**



Test drive the latest loco sounds with stunning clarity at SWD - call now for more info

T: 01934 515382 info@swd4esu.co.uk
www.southwestdigital.co.uk

SPRINGSIDE MODELS

2 Springside Cottages Dornfield Road Ipplepen
Nr Newton Abbot S. Devon TQ12 5SJ
Telephone: 01803-813749 (this has answering facilities) Mobile: 07729939094
Email: springsidemodels@btinternet.com

Products are manufactured in white metal, lost wax brass and injection moulded plastic.

- | | | | |
|--|--|--|---|
| PSW5 Country Station Stone
Dornaplas Pre-Coloured Kit
163mm width 68mm depth £16-95p | PSW14 Goods Shed
for a Small Country Branch Line
Pre-Coloured Plastic Kit £17-95 | PSW13 Engine Shed
for a Small Country Branch Line
Pre-Coloured Plastic Kit £17-95p | PSW12 Stone Waiting Room
Pre-Coloured Plastic Kit £8-95p |
|--|--|--|---|



D54 Flame Cutting Crew
4mm/00 Kit **£9-25p**



D55 Portable Forge Scene
4mm/00 Kit **£9-25p**



D56 Arc Welding Scen
4mm/00 Kit **£9-25p**



DS11 Road Repair Scene
4mm / 00 Kit **£15-95p**



D58 Pigs Scene with Farmer RV770 Fordson Model N 1930
piglets and trough **£11-75p**



RV770 Fordson Model N 1930
White metal Kit **£11-75p**



DK6 Small Signal Box
Detail Kit **£10-75p**



DK1 Signal box detail kit
for medium size box **£16-95**



RV74 Aveling & Porter Steamroller
Living Van and Water Cart Kit **£28-95p**



RV75 Painted Workmen
Set of 4 **£11-25p**



DPB6 Station Masters House
with walled surround **£14-95p**



PSW11 LMS Waiting Room
Red Brick **£8-95p**



DK2 Ticket Office Detail Kit
Figures not included **£10-75p**



DK3 Waiting Room Detail Kit
Figures not included **£10-75**



DPB400 Bumper Pack of 6 Assorted Terraced Houses **£31-95**



DPB401 Bumper Pack of 6 Red Brick Terraced Houses **£31-95**



DK2 Ticket Office Detail Kit
Figures not included **£10-75p**



DK3 Waiting Room Detail Kit
Figures not included **£10-75**



DPB400 Bumper Pack of 6 Assorted Terraced Houses **£31-95**



DPB401 Bumper Pack of 6 Red Brick Terraced Houses **£31-95**

We produce 3 separate catalogues 2mm and 4mm, 7mm/0 gauge only and the Dornaplas plastic items, they are **£3-95p** post paid Please send orders and payment by post or email or phone us. We Accept payment by cash, cheque, Debit and credit cards Post and Packing is £1-95p on orders under £40 and free on orders over £40 UK only Overseas customers please email us for shipping costs

WEB SITE www.springsidemodels.com

Harburn Hobbies Special Editions



Bachmann 00
West Highland Line Mk1 Coach Pack (2 TSOs + 1 BCK) - £115.00



Oxford Die-Casts 00
TX4 taxi 'Irn-Bru' - £4.25



Bachmann 00 - 5 plank coal wagon
'Devlin's Trawlers Granton' - £14.50



Only
£10.95

Out
NOW!

Oxford 00 - 'Edinburgh Collieries' 7 plank coal wagon - £10.95

P&P
£3.00
per order

Harburn Hobbies, 67 Elm Row, Edinburgh EH7 4AQ
0131 556 3233  www.harburns.co.uk 

Vectis
AUCTIONS LTD
COLLECTABLE TOY SPECIALISTS

Friday 16th December 2016 - Model Train Sale - Thornaby
Friday 20th January 2017 - Model Train Sale - Thornaby

Telephone **01642 750616** or (Oxford office) **01993 709424**
Fax 01642 769478 - email admin@vectis.co.uk

WANTED - YOUR COLLECTIONS

Dates are correct at time of print but are subject to change
Please check www.vectis.co.uk for updates



VECTIS AUCTIONS, FLECK WAY, THORNABY, STOCKTON-ON-TEES, TS17 9JZ
Oxford Office, Unit 5A, West End Industrial Estate, Witney, Oxon, OX28 1UB

The World's Premier Train Auction House

MODEL TRAINS & ACCESSORIES

00, N & 0 Gauge Specialists

RAILWAY CONDUCTOR



Die Cast | Radio Controlled | Toys

T: 01327 439736 M: 07961 757094

Home: 01604 830722 (after 18.30 hrs)

www.therailwayconductor.co.uk
Unit 2, The Old Dairy Craft Centre, Upper Stowe,
Nr Weedon off A5, Northamptonshire NN7 4SH

NEW SHOP OPEN 7 DAYS A WEEK

- Mon to Fri 10.30-17.00 • Sat 10.30-17.00
- Sun 11.00-16.00

out of hours please call mobile - thanks

PECO

GRAHAM FARISH
by BACHMANN

BACHMANN
BRANCH-LINE

HORNBY

DAPOL

GAUGEMASTER

NEW AND USED 00 & N GAUGE SOLD
AND BOUGHT



Mail order available by phone or visit us online.
All major credit and debit cards accepted.
We accept PayPal through our online shop.
We do repairs and servicing and we build layouts.

PayPal

15% OFF
WHEN YOU
SPEND £30 OR
MORE

THE GOODS YARD LTD

Model Railway Specialists

www.thegoodsyard.co.uk

Tel: 07930 557601

- NEW items from PECO, Bachmann, Dapol, Graham Farish and Hornby etc.
- Locomotives, Rolling Stock, Track, Controllers, Scenic Accessories and Tools etc.
- Large Selection of Second Hand Models
- Locomotive Servicing and Repairs.
- Locomotive Weathering Service
- Friendly Service and FREE advice.



FREE Parking

Station Lodge, Lodge Lane Industrial Estate
Tuxford, Notts, NG22 0NL



and much more . . .

Opening hours: Tuesday to Saturday 9.30 am to 5.00 pm

TRY OUR SAME-DAY DESPATCH MAIL ORDER SERVICE.
ALL MAJOR CREDIT/DEBIT CARDS ACCEPTED.

The Locoshed

48 Bury Old Road, Whitefield,
Manchester, M45 6TL



Bachmann		Hornby	
31-010	Class 7F 53806 BR Black Early Emblem	£115	R2582
31-211	Patriot 45543 'Home Guard' BR Green Late Crest	£115	BR 4-6-0 King Arthur Class N15 30803 'Sir Harry Le Fise Lake' BR Lined Green with Early Crest
31-930NRM	4P LMS Midland Compound No 1000	£139	Dean Single Class 3047 Loma Doone in GWR Green
32-002	Ex GWR Hall Class 5690 Saint Edmund Hall	£89	R2723
32-255	Class WD '78697' in 21st Army Transport Group Green (unboxed)	£125	SR 4-6-0 King Arthur Class N15 No '751 Etonne'
32-255A	Class WD '7199' in WW2 Desert Sand Limited Edition (Unboxed)	£125	R2898XS
31-026	Class 166 Turbo 3 Car DMU Thames Trains DCC FITTED	£179	BR 4-4-0 Schools Class '30909 St Pauls' With Sound (Decoder Fitted)
32-387	Class 37 Diesel 37410 Aluminium 100 Large Logo	£129	R2897XS
32-381Y	Class 37/5 37692 The Lass O Ballochmyle in Trainload Coal	£125	Early BR Castle Class Locomotive '4098 Kidwelly Castle' With Sound
31-996	LMS 10000 in BR green with orange lining	£105	R2990XS
32-900B	Class 108 in BR green with DCC sound fitted	£220	BR Princess Class 'Princess Helena Victoria' '46208' With Sound
32-609	Class 221 Cross country Voyager 4 car XC	£179	R9303
32-652DS	Class 44005 in BR Blue Cross Fall DCC sound	£179	Thomas The Tank Engine Limited Edition of 1000 70th Anniversary Locomotive
32-111Z	Class 08721 in BR Blue 'Red Star' Starlet	£89	R2869
32-475	BR Class 40075 in Rail Blue disc headcode	£89	AEC Diesel Railcar in BR crimson & Cream No W23W
			R2310
			Mechant Navy Class 35016 Elders Flyfltes
			R2626
			M7 Class 0-4-4 30051 in BR Black
			R3310
			Merchant Navy Class 34006 Bude
			R2448
			Princess class Lady Patricia in Express blue

"A VERY HAPPY CHRISTMAS AND PROSPEROUS NEW YEAR FROM ALL THE STAFF AT THE LOCOSHED"

NEW DEMONSTRATION LAYOUT, REFRESHMENTS & CUSTOMER TOILETS.

We stock: • Gaugemaster • Javis • Woodland scenics • Cork and grass rolls • Slaters plasticard and Mek pack • Javis plasticard and foam card sheet • Balswood all the glues • Humbrol paints • All Dapol plastic kits • The full Metcalfe range • Hornby and Bachmann scenecraft buildings • Oxford diecast • Pocketbond • Base toys. We also have a good stock of **NEW & PRE-OWNED TRACK** OO and N gauge plus buildings and accessories.

We offer impartial DCC help and advice and we do understand DCC operation and its pros and cons. Please see our latest News page of our website for any show and special events news which is updated daily.

All the above models are in near mint boxed condition unless otherwise stated. All major debit and credit cards accepted as well as Paypal. Mail order Cheques payable to the Locoshed Please All parcels sent out via Royal Mail 1st Class signed for at £3.95 per loco, discounts for multiple purchases.

Open Tuesday to Saturday 10am - 5.45pm, Thursdays until 7pm, Closed Sundays as normally at Toyfairs or model rail shows, we are closed Mondays

WE ARE INTERESTED IN BUYING QUALITY MODELS SINGLE ITEMS OR COLLECTION ANY GAUGE. WE CAN ALSO UPLIFT AND REMOVE LAYOUTS IF REQUIRED. REPAIRS AND DCC FITTING / ADVICE SERVICE AVAILABLE. WE ARE ALSO HAPPY TO SWAP OR TAKE PART EXCHANGE ON ANY ITEM

Tel: 0161 772 0103 Mobile: 075904 13177 email: thelocoshed4@aol.com
Or visit our new website: www.thelocoshedmcr.co.uk

The WIRRAL MODEL SHOP

62 Victoria Parade Wallasey, CH45 2PH
Tel: 0151 639 0045

- Stockists of OO & N Gauge
- Repairs and restoration undertaken
- Bespoke layouts built
- Revell, Airfix kits etc. sold
- Modelling materials available
- Radio control boats, cars and repairs
- RC Cars
- Boxed Games
- Range of craft items available



FMR FRIZINGHALL MODELS & RAILWAYS FMR
The Modeller's Choice

Light it with FMR's Range of working 00-gauge Lights

Model-IT

<p>LED</p> <p>Double Lamp £3.29 Choice of red, blue or green 10mm high</p>	<p>LED</p> <p>Victorian Lamp £2.99 Choice of red, blue or green 10mm high</p>	<p>LED</p> <p>Adjust up to 25mm high 2 x Gas Lamps £2.99</p>	<p>LED</p> <p>Yard Lamp £6.99 110mm high</p>
<p>LED</p> <p>Swan Neck Lamp (BR/LMS) £3.19 45mm high</p>	<p>LED</p> <p>Swan Neck Lamp (BR/GWR) £2.99 45mm high</p>	<p>LED</p> <p>Swan Neck Lamp (BR/SR) £2.99 50mm high</p>	<p>LED</p> <p>Swan Neck Street Lamp £2.99 45mm high</p>

Colour Light Signals

Home £6.99	Home/Distant £7.99
Ground Home £4.99	Ground/Distant £5.99

LED

Modern Main Street or Platform Lamp
£2.79
Adjustable up to 100mm high

LED

Freight Yard or Car Park Flood Light
£7.99
(115mm High)

LED

2 x Pendant Lamps (in buildings, under canopies etc)
£3.99

LED

Wail Mount Electric/Gas Lamp
£2.29

Now in N-gauge:

<p>Victorian Street or Platform Lamp (green, blue or red) £2.49 (50mm High)</p>	<p>Swan Neck Street Lamp £2.99 (30mm High)</p>
<p>Curved Street or Platform Lamp (green, blue or red) £2.39 (45mm High)</p>	<p>Modern Street or Platform Lamp £2.79 (45mm High)</p>
	<p>Swan Neck Lamp GWR/BR £2.99 (30mm High)</p>

PECO TURNABLES

Turntable Kits
"00" £47.50 (LK-55)
"N" £17.00 (NB-55)

Motor Drive Kits
"00" £22.99 (TTD00)
"N" £22.99 (TTDN)

Manual Drive kits
Ready made * 21 possible track positions * Deck Length: "N" = 7.5" "00" = 9"

Kit2 (up to 12" from baseboard edge to turntable centre. Fits "00" or "N".....£24.95
Kit2a Extension (increases Range To 25").....£4.99
Well Type - requires sinking into baseboard.

Motor & manual kits are specifically for Peco turntables and provide no means of setting track alignment but the slow operation allows visual alignment. Full instructions provided.

ATLAS TURNABLES

Ready made * 21 possible track positions * Deck Length: "N" = 7.5" "00" = 9"

AL2790 "N" T/Table	£35.99
AL2791 "N" Motor	£31.50
AL305 "00" T/Table	£43.50
AL304 "00" Motor	£43.50

These turntables are above board mount so no baseboard cutting required. Manual or with easy to fit motor.

UNIT MODELS

We offer now Stocking this range of resin accessories. See our website for more

Coal Office	£7.99 (00-009P)
Coal Stairthes	£6.99 (00-001P)
Sacks on Pallets (2)	£3.99 (00-089P)

FMR Model Services

We offer a range of services for the modeller:

- Locomotive Service/Repair.
- Decoder fitting
- Re-number/name
- Weathering

Contact us for more details or visit our store.

DCC Sound fitting

Want a sound in your loco? Then we can help. We can fit most Diesel or Steam types with a selection of sound decoders from £120.00 fitted

OPENING HOURS MON - SAT 9.30-5.30 (EX WEDNESDAY)

Postage : up to £25 order value is £2.99 ,over £25 value is £4.99

UNIT 3C, HILLAM ROAD, BRADFORD, W.YORKS, BD2 1QN

Tele: 01274 747447 Fax: 01274 739680 www.modelrailshop.co.uk

We put you in the driving seat of your model locos



Andy Harris
DCC Fitting with a smile

Call Andy; he solves problems for modellers in 0 and 00, and other scales. He'll guide you in the confusing world of DCC. Independent FREE advice on what to do and not to do;

NEW layout visits and advisory service (chargeable).

Top-quality Sound and Lighting
Reliable, fully-guaranteed
Prompt—No long waits

We supply market-leading ECoS controllers and install **decoders, sound and lighting** using components from all main manufacturers, including ESU LokSound equipment.

Don't pay full price for obsolete components.

DCC Fitting Limited
01934 510262
8.30 am to 9 pm, Monday to Saturday
12 Hanover Close, Weston-super-Mare BS22 7UJ
www.dccfitting.co.uk

GRIMY TIMES MODEL RAILWAYS

www.grimytimes.co.uk

187 Orford Lane, Warrington, Cheshire WA2 7BA
Open daily 10am-5.00pm Closed Thursdays & Sundays 01925 632209
07921 830484

The Home of Grimy Times Weathering

- Excellent range of products and very competitive prices.
- Weathering, Renumbering & Renaming Service.
- Displays of pre-weathered locomotives for sale.
- Advice from professional railway modellers.
- DCC fitting service / Repairs & Servicing.

HORNBY PECO METCALFE

Sankey Scenics

Over 800 different packs of Quality Signage & Titled Trains

NEW ITEMS

COACH DESTINATION BOARDS

GENERAL ARKRIGHT'S STORE
TOPLEY DALE

THE RAILWAY
MODEL RAILWAY SIGNS

THE MOST COMPREHENSIVE RANGE OF MODEL SIGNAGE

Tel: 07565 892209

www.sankeyscenics.co.uk

Sig-naTrak®
Model railway electronics by GFB Designs

Our DCC controller!

- ★ Up to 9999 train and 2044 accessory addresses
- ★ Trains and accessories can be named
- ★ Easy to use - elegant, clearly-labelled touch keys - clear, colour graphical display
- ★ Drive from the touch panel, or optional handsets
- ★ Generous 3.5A or 5A output!

The ACE
NMRA-compliant DCC controller with full decoder programming and reading functions. Compact: only 220x150x45mm!
£158.00 DCS2044 - 3.5A
£174.00 DCS2044H - 5A

and for accessories..... £14.00

The IMP (part no: DSI1001)
Servo controller - DCC or DC. £19.00

The GEM (part no: DPD2001)
Point motor - DCC or DC. £17.00

The DRIVER (BHS1204)
ACE Handset.

See website or send large-letter SAE for more details. (prices inc. VAT, p+p extra)
GFB Designs - WE put YOU in control!

Layout control modules - DCC or LocoNet™

DAC20 Accessory Decoder - 8 outputs, built-in CDU.	£85.00
SIGM20 Colour-light Signal Controller - 6 or 8 outputs.	£54.00
DTM30 Digital Tower Master - 30 inputs & outputs.	£63.00
DSS1 Loco Shuttle - automatic train running sequences.	£60.00
TXC1 Turntable Controller - automatic indexing.	£80.00
MSC8 Scenery Animator - control lights, motors & servos.	£30.00

67 Boddens Hill Road, Stockport, SK4 2DG
Tel: 0161 883 2022; fax: 0161 883 2077
Email: info@signatrak.co.uk; Web: www.signatrak.co.uk

BARNLSLEY MODELS & GAMES

All Makes of Model Railways and Plastic Model Kits

www.barnsleymodelsandgames.co.uk
shop@barnsleymodelsandgames.co.uk
37 The Arcade, Barnsley, S70 2QP
01226-207220—Open 7 days per week

Use Code: 01HM2016 For 10% Discount Valid Until 31/3/17

Santa Fay knows where she will be doing her Christmas shopping

C&M Models

1 CROSBY STREET, CARLISLE CA1 1DQ Tel: 01228 514689
Web: www.candmmodels.co.uk E-mail: sales@candmmodels.co.uk
Opening hours: Tuesday to Saturday, 10.00 to 17.00
Please note that the Santa hat and young lady are not currently available from us.

CM3MODELS

Call: 07766 697708

LAYOUT BUILDING SUPPLIES

Seafoam trees, Foliage / Lichen and Scatters
25 & 50mm Rubberised Horsehair
Teddy Bear Fur for grass and embankments
Plaster Bandage
Wire, Connectors, Switches for both DCC & Conventional wiring
Modelling Card compatible with Scalescenes Kits

New LED model fireworks

www.cm3models.co.uk
Email: sales@cm3models.co.uk

Durham Trains of Stanley

"more than just a model shop"

Opening hours: Mon 09.30-17.00, Tue 09.30-17.00 Wed Closed, Thu 11.00-19.00, Fri 09.30-17.00, Sat 09.30-17.00, Sun Closed
6 Station Road, Stanley, Co. Durham, DH9 0JL
Tel: 01207 232545
www.durhamtrainsofstanley.co.uk
Email: sales@durhamtrainsofstanley.co.uk

Plastruct

Please ask your model shop for genuine Plastruct fineline Styrene structural shapes.

Range contains over 70 shapes including: Angles, I-Beams, Channels, Columns, Deep Channels, Tees and Z Sections, Round, Rectangular and Square Tubing, Plastic Strips and Sheeting, Scale Ladders, Stairs and Railings, Open Web Trusses.

Essential for all scratch model makers.

www.plastruct.co.uk

www.expressmodels.co.uk

LIGHTING SPECIALISTS

You may know us as manufacturers of head and tail lights and coach lighting but did you know we also stock Kadee Couplers, Seuthe Smoke Generators and Gaugemaster Decoders. Also our own products, No Solder DCC Power Bus Kits, 4mm Scale Telegraph Poles and our own range of LEDs including White, Red, Yellow and Bi-colour in various sizes and formats.

Visit our website which has secure online shopping.

EXPRESS MODELS, 65 CONWAY DRIVE, SHEPshed, LOUGHBOROUGH, LEICS. LE12 9PP
Tel: 01509 829008 Fax: 01509 560878
Email: sales@expressmodels.co.uk

NEW YEARS SALE
Starts 10am Saturday January 7th

FLAIR RAIL

STOCKISTS OF MODEL RAILWAY EQUIPMENT
SECONDHAND BOUGHT AND SOLD

FIND US ON FACEBOOK **f**
WWW.FLAIR-RAIL.CO.UK

FLAIR RAIL, UNIT 7, SPRINGFIELDS, NURSERY ESTATE, BURNHAM ON CROUCH. CM0 8TA
T: 01621 786198
E: ROGER@FLAIR-RAIL.CO.UK
OPEN: MONDAY TO FRIDAY 10.00 - 4.00
SATURDAY 10.00 - 3.00

TOWNSCENE
BACKGROUNDS OF DISTINCTION

This scene: Sky background with elements from 'OO' sheets 1, 2, 3, 4 & 10
Approx 1m x 30cm in 'OO'

A5 SAE for colour brochure or visit **www.freestonemodel.co.uk**

'OO' Sheets	All sheets £3.00 ea.	'N' sheets
BS1: Shops & houses	BS8: School & houses	NA: Town roofscape
BS2: Roofscape-1	BS9: Industrial buildings	NB: Town buildings
BS3: Roofscape-2	BS10: High Street shops	NC: Country
BS4: Town buildings	BS11: Dense Woodland	ND: Dock & industrial
BS5: Country, town l.	BS12: Country-3	NE: Town buildings
BS6: Country, town r.	BS13: Village	NF: Country & village
BS7: Docksides	Sky paper rolls (32ft long) x 10" high £10, x 20" high £20.00	

New: Selected sheets now available to order for 'Z', 'O', and 'G' scales. Call for information.

FREESTONE MODEL ACCESSORIES 28 Newland Mill Witney OX28 3HH Tel: 01993 775979 UK P&P £3.00
e: sales@freestonemodel.co.uk

STEVE CURRIN RAILWAY BOOKS

Buyers and sellers of new
and secondhand railway books

Authorised Dealer for...
Roundhouse • Accucraft

Tel: 07796 863249

Email: stevewc1@blueyonder.co.uk

BACHMANN * HORNBY * FARISH * PECO * RATIO * WILLS * METCALFE *

Aspire Gifts & Models

OPENING TIMES: Mon 2pm-5pm Tues, Wed, Thurs 10am-5pm

The Model Shop for Modellers,
Run by a Modeller

Suppliers of all Major Railway Brands,
We Chip, Service and Repair Engines.

Layouts built from Track to finished Item.

THOSAND'S OF ITEMS AVAILABLE ON OUR WEBSITE CREDIT CARDS WELCOME

Come and see the progress on our new 30' x 30' OO Gauge layout
Unit 4, Court Farm Business Park, Buckland Newton, Dorset. DT2 7BT
Telephone: 01300 345355 email: edward.aspire@btinternet.com

Website: www.aspiregiftsandmodels.co.uk

WOODLAND SCENICS * KNIGHTWING * SUPERQUICK * WILLS * BASE

YouChoos

DCC Sound

LET'S MAKE SOME NOISE!

What will you be
unwrapping this
Christmas?



0844 7725052

www.YouChoos.co.uk john@youchoos.co.uk

ELEVATION THROUGH INNOVATION

NELEVATION

Designed and made in England

The Revolutionary New Fiddle Yard

- Store up to 20, N Gauge trains or 12, OO trains.
- Keep your trains in a safe, dust free environment.
- Display your collection while operating your layout.
- Independent control of two running lines.
- End to end operation or tail chasers.
- Operate multiple level layouts.
- Electronically controlled. DC/DCC compatible.
- Plug and Play. No soldering!
- Simple to install and fun to use.
- Interchangeable. Move from layout to layout.
- Customisable graphics and colour options.
- Compatible with UK, US and European outline.
- Save space. Save time. Save Money!

Compatible with:

N Gauge, OO Gauge, EM, P4 & S4



Come and see us this year at:

The International N Gauge Show

Warwick, 10th & 11th September

The National Festival of Railway Modelling

Peterborough, 15th & 16th October

Warley National Model Railway Show

NEC, 26th & 27th November

email: info@Nelevation.com

www.Nelevation.com

Tel. 01487 825317

A Fiddle Yard For Life!

GALACTIC
Models



We stock the following:
Hornby
Bachmann
Graham Farish
Peco
Woodland Scenics
Metcalfe
Superquick
Wills
Ratio
Javis
Gaugemaster
and more.

4 The Strand Arcade
Derby
01332 344033

Visit our website for our full range of products
www.galactic-models.co.uk

Also now stocking
Humbrol Rail colour

www.gascupboard.co.uk

MODEL RAILWAYS

GAS CUPBOARD
MODELS



Dont Worry,
Be Happy,
Play Trains!

01225 777888

Gas Cupboard Models
6 St Georges Works, Silver Street,
TROWBRIDGE, BA14 8AA

GEE DEE MODELS - NOTTINGHAM

HORNBY LOCO OFFERS

R3465	LNER N2 0-6-2T 4765	£85.95	R3338	Adams Radial B.R 30584 E/Crest	£107.95
R3229	B.R.(W) Star Class 'British Monarch	£127.95	R3334	Adams Radial B.R 30582 L/Crest	£107.95
R3329	S15 4-6-0 B.R L/C 30830	£124.95	R3381	B.R. J15 65475 Early Crest	£96.95
R3444	B.R Britannia 70034 Thomas Hardy E/Crest	£143.95	R3380	LNER J15 7510	£96.95
R3314	B.R 4F 44341 E/Crest	£89.95	R3365	Cl.91 East Coast 91-120	£81.95
R33047	Drummond 700 class B.R 30316 weathered	£99.95	R3017	B.R Patriot Sir Herbert Walker KCB	£99.95
R3239	Drummond 700 class B.R 30315 L/Crest	£99.95	R3301	B.R Castle Earl of Mount Edgcombe	£130.95
R3240	Drummond 700 class B.R 30693 e/Crest	£99.95	R3409	B.R King William IV	£149.95
R3412	S15 4-6-0 B.R E/C 30842	£125.95	R3408	GWR King Edward V	£149.95
R3411	S15 4-6-0 Southern 827	£134.95	R3373	B.R Green Cl.71 E5001 Plain Ends	£145.95
R3424	LNER 06 0-8-0 3418	£134.95	R3374	B.R Blue Cl.71 71-012	£145.95
R3425	BR 06 0-8-0 E/Crest 63443	£134.95	R3376	B.R Green Cl.71 E5022 Yell Panel	£145.95

Many other loco's in stock both current & discontinued. Give us a ring for your wanted items
All above prices include VAT. Post £6.00 UK mainland only. Offshore and Overseas at cost.

GEE DEE MODELS - NOTTINGHAM HORNBY COLLECTOR CENTRE
21, HEATHCOAT STREET, NOTTINGHAM, NG1 3AF
www.geedee-modelshop.com
Tel. 0115 9412211

GHOST-SIGNS.COM

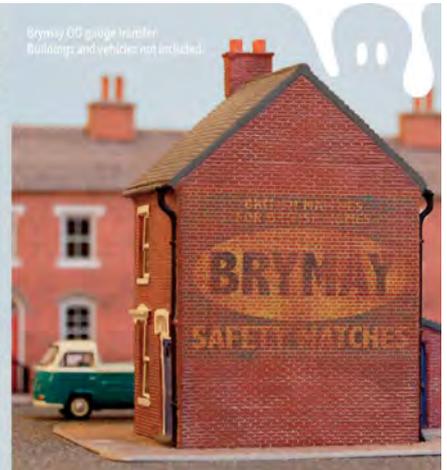
Brnby 00 gauge transfer
Buildings and vehicles not included.

Add a little individuality to
your Skaledale, Metcalfe or
any other model buildings
with our authentic replica
fading painted advertising.

- TRANSFER OR PAPER
- OO AND N GAUGE
- FREE UK DELIVERY ON
ALL ONLINE ORDERS

PLACE YOUR ONLINE ORDER TODAY AT
www.ghost-signs.com

or telephone 07970 977 629
for a free illustrated price list.



www.GoldenValleyHobbies.com



Busch Winter Scenics - All OO suitable unless marked		
BUS1059	Christmas Fair	£23.80
BUS1060	Xmas Markets	£10.30
BUS1061	Christmas Decorations	£16.00
BUS1085	Snow Covered Winter Lodge	£29.80
BUS1140	Xmas Tree With Presents	£11.40
BUS1143	Icicles	£5.50
BUS1182	Christmas tree sale scene	£11.40
BUS1183	Romantic Christmas Market	£34.70
BUS1225	Winter Scene	£21.50
BUS1415	Christmas Pyramid	£26.50
BUS5409	HO Snow covered Xmas Tree & LED Lights	£22.40
BUS5410	N/TT Christmas Tree	£22.40
BUS5411	Christmas Tree (Illuminated)	£26.00
BUS5413	Christmas Tree	£20.10
BUS6464	3 Snow covered Christmas trees	£11.40
BUS6465	10 Snowed Trees And Snowman	£16.70
BUS6466	20 Assorted Snowed Pine	£20.20
BUS6566	N/TT 20 Assorted Snowed Fir	£11.40
BUS7001	Snow Spray White	£11.20
BUS7170	Snow Powder	£8.00
BUS7171	500g Snow Powder	£6.80
BUS7172	Crystal Snow Paste 150g	£7.40
BUS8058	N Winter snow equipment	£16.20
BUS8624	Gauge 1/G Christmas Trees & Lights	£34.80

See our website for existing
stockists and our full range.
Trade Enquiries welcome. 01981
241 237



GVH, Unit 1, Pontnillas
Business Park, Pontnillas,
Hereford, HR2 0AZ

MAD ABOUT TRAINS

- www.madabouttrains.co.uk -

106 Trinity Street,
Gainsborough, DN21 1HS

• T: 01427 811040
• E: sales@madabouttrains.co.uk

Mad About Trains is a well-stocked shop selling
Bachmann, Graham, Farrish, Hornby, Dapol,
Gaugemaster, Peco, Metcalfe, Ratio, Modelscene,
Wills etc. An extensive range of scenic materials and
accessories are always available including lights,
infra-red signals, Belisha Beacons, grounds signals
etc. We stock a range of paints, weathering powders,
glues, track cleaner, liquid flux, model oil and smoke oil
together with smoke generators etc.



As DCC Specialists we offer an advisory and information service, onsite repairs, weathering,
DCC Decoder and sound fitting service, plus our unique extra function sound decoders. See us
at the shop, at exhibitions or give us a call to discuss your requirements.

We offer a bespoke layout design and construction service and have a large layout in the shop
where customers can hear the sound locos and get an idea regarding scenery etc.

Model Railway Baseboards

Any size board built for any scale model railway

We manufacture standard sized layout boards as well as any size required to your specification

See us at the Warley show, NEC - Birmingham, 26th & 27th November



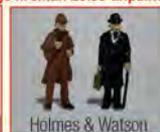
Fixed, portable or modular boards for indoor & outdoor use

01223 864029

www.model-railway-baseboards.co.uk

Mike Pett's Supercast OO Model Railway Figures

OO gauge models £1.75 unpainted, hand painted models £4.50 each P&P £2.75
O gauge fireman £5.50 unpainted, hand painted £8.50 P&P £3.75



NEW WEBSITE COMING SOON

Please make cheques payable to: Mike Pett. 12 Chatham Street, Ramsgate, Kent, CT 11 7PP
Tel: 01843 593417 • Mob: 07976 724225 Email: mikepettphotos@btconnect.com

AUTUMN SALE

SALE OF 2015 HORNBY STOCK

All K1's£85
 A3 Minoru£115
 A3 Booklaw£115
 O1 2-8-0 BR£95

ELECTROTREN /GOLDEN VALLEY HOBBIES

0-6-0 tank engines
 black Ajax and G W R green.....£54.00

STEAM LOCO'S

R3110 BR 2-6-2 Tank 61XX Class.....£69
 R3017 Patriot Sir Herbert Walker.....£90
 R3030 LMS 4F.....£70
 R3241 City of Bradford£125

TTS SOUNDS LOCOS

R3245 A1Tornado£140
 R3285 LNER A4 Gadwall.....£95

DIESEL & ELECTRIC LOCO'S

R3067 - BR Rail Road Blue Class 31£49.95
 R3077 - Class 90 Freightliner.....£49.95

DAPOL

Dapol Coach Kits.....£9.95
 Dapol Ready Made Coaches.....£12.95
 Full Range of Dapol Rolling Stock

CLASS 43 HST

R3270 Midland Mainline£185
 R3271 Intercity Exec Red Stripe£185

MK3 COACHES

Blue Grey ER with lights FO, TSO, TGS Buffet.....£33
 R4635/A/B Arriva Wales MK3 Standard Class.....£26.50
 R4593 / R4632 A/B & C /R4531A, R4631A & R4635 - Intercity
 Exec Grey / Red Stripe.....£16.50 each

Hornby Decoders

probably the cheapest in the country!

DCC DECODERS

R8249 - 8 pin DCC Decoders £12.50 ea, 6 for £72
 R8245 - 8/21 pin Sapphire Decoders£21



Dent Station - £35

Pennine Models

at Haworth

Wednesday to Sunday
 11am-5pm

33/35 Mill Hey, Haworth,
 Keighley BD22 8NQ
 Tel. 01535 642367

penninemodels@gmail.com

MK1 COACHES

R4406A Crimson & Cream Brake 3rd.....£21
 R4407A Crimson & Cream Composite.....£21
 R4408A Crimson & Cream Brake Comp.....£21
 R4613/4/5£16.95
 R4611/12£19.95
 R4350/51/52/53/54/55.....£12.95
 4627/29/30£12.95
 R4609 BR MK 1 Full Spec Coaches.....£20.50

OXFORD RAILWAY

Adams Radial 4-4-2 tank
 OR76AR001 BR Late Crest
 OR76AR002 BR Early Crest
 OR76AR003 LSWR Green 488
 OR76AR004 BR Late Crest£83.95

ALL £79.95

RAILWAY WAGONS

4 Plank OR76MW4001 N.B/4002 Taylors Dundee£7.95
 6 Plank OR76MW6001 LNER / 6002 BR Grey£7.95
 Cattle Wagon WAR76CAT001 BR/CAT002 LNER Brown£8.95
 7 Plank WARREN, CRIPPINS, C.T, FACER£7.25

WAGONS

R6489/70/71 OTA Thamesboard Blue.....£12 ea
 R6541 Total.....£6.95
 R6642/A/B/C Shunters Wagon GW£9
 R6643/A/B/C Shunters Wagon BR£9
 R6401A BR 9 Plank Grey.....£5.50
 R6692A/B Blue spot Fish Van£8.95 each
Or 3 for £25
 R6703 GT Parker & Sons Boston£8.50
 R6704 Hickleton Coal Wagon.....£8.50
 R6717 Hornby 2015 Wagon.....£7.99
 R6679 BR Horsebox£15
 R6712A BR Open Wagons3 pk £16.50
 R6508A BR 20 Tonne Break Van -£14.50

HORNBY YEAR WAGONS

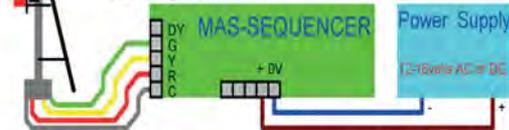
2013...£8.25 2015...£7.99

EVERYTHING IN THE SHOP TO TURN A TRAIN SET INTO A MODEL RAILWAY

HEATHCOTE ELECTRONICS

detection control effects

The MAS-SEQUENCER controls 2, 3 or 4 aspect LED signals. After passing the signal the train is detected with the MAS-SEQUENCERS built in infra red detection. This causes the signal to change to red. The MAS-SEQUENCERS adjustable timer now starts changing the signal to yellow, (then double yellow for 4 aspect) and back to green.



The diagram shows the simplicity of the wiring. A terminal is also provided for Manual override to red for stations and junctions. Lines with more than one signal use IRDASC-4 units to control the other signals. A single wire from the MAS-SEQUENCER to the IRDASC-4 synchronises the aspects of the signals. Units are compatible with conventional and DCC control.

For working Dapol semaphore signals automatically we have the Semaphore-Sequencer. This detects trains approaching the signal, changes the signal to clear and starts an adjustable timer. At the end of the timing interval the signal returns to danger.

MAS SEQUENCER £16.95 SEMAPHORE SEQUENCER £17.40
 p & p £3.80 per order

We stock **CR Signals** in N and OO gauge. These are suitable for the MAS-Sequencer.

Payment by cheque credit/debit card, paypal or postal order.

www.heathcote-electronics.co.uk

email: cah@heathcote-electronics.co.uk phone/fax: 01538 756800
 Heathcote Electronics, 1 Haydock Close, Cheadle Staffs, ST10 1UE

Leaf maker punch tools

1/48, 1/35, 1/24, 1/16
 30 mm, 54 mm, 75 mm, 90 mm
 4 different sizes in 1 punch



-Birch
 -Oak
 -Lime
 -Maple

RP
 TOOLZ

www.rptoolz.com

RP-BIR
 RP-OAK
 RP-LIM
 RP-MAP

Punch and die sets



Small circle
 0,5-2mm

Big circle
 2-4,5mm

Rivets maker
 0,6-2mm

Hexagonal
 0,7-2mm

RP-PD
 RP-BPD
 RP-RV
 RP-HPD

-Professional result
 -Long lasting time
 -Easy to use
 -Made in EU

www.rptoolz.com

mike's models

- THE MODELLERS MODEL SHOP -

Whether you want a ready to go kit to start a new hobby, the materials to build your model from scratch or anything inbetween.

Then come see why we are the modellers model shop of choice!

Contact us on:
0121 360 4521

Email: info@mikes-models.co.uk
www.mikes-models.co.uk

Over 11,000 products in stock

Covering all aspects of modelling

Expert advice from passionate modellers

Great after sales support

MODEL RAILWAY SOLUTIONS

Tel: 01202 798068

Email: info@modelrailwaysolutions.co.uk

Contact us for a quote on all your baseboard and helix requirements, either bespoke or from our own modular range.

Please take a moment to browse our online store or visit us at -
Unit 1, 10-12 Alder Hills, Poole, Dorset. BH12 4AL.

www.modelrailwaysolutions.co.uk




MonkBar Model Shop

OO & N Gauge Model Railways

Diecast Planes & Vehicles - Plastic Kits & Figures - Scalextric - Jigsaws

Visit us in York!

Open Monday - Saturday 9am - 5.30pm
Only 2 minutes away from York Minster

2 Goodramgate York - YO1 7LQ
01904 659423
info@monkbarmodelshop.co.uk

Stockists of Hornby, Bachmann, Graham Farish, Peco, Dapol, Gaugemaster, Ratio, Wills, Woodland Scenics, Metcalfe, Oxford Diecast, Base Toys and many more

monkbarmodelshop.co.uk

MORRIS MODELS

NORTH LANCING

80 Manor Road, N Lancing, West Sussex, BN15 0HD
Tel 01903 754850
www.morris-models.co.uk
info@morrismodels.co.uk

We are between Brighton & Worthing, just off A27 west of Shoreham Airport

BRITISH RAILWAYS

HORNBY, PECO, DAPOL, HELDORN

PLUS MANY OTHER RANGES OF SCENIC MATERIALS, BUILDINGS, VEHICLES etc

BICYCLED



OO/HO & N Cycles & M/cycles with working lights!!
See our webshop for details

Easy free parking!!
Open Mon - Sat 9.30 to 5.00

CONTINENTAL RAILWAYS

FLIESSCHMANN, Roco, BRANNO, TRIX, herpa, FALLER, Preiser, BUSCH, NOCH, MINITRAINS





Northants Model Railway Supplies



42 Dunster Street Northampton NN1 3JY
Tel: 01604 631977
email: nmrs-models@btconnect.com

Manufacturer of O Gauge 1:43 scale models and accessories Sprung Buffers. Majestic Models Backheads, White Metal road vehicles and etched brass coach and wagon kits.

A full catalogue is available on my web site
www.nmrs-models.co.uk

I am also willing to carry out short run casting of your own masters

Graham Jones

PARKSIDE RAILWAYS

www.parksiderailways.co.uk 01282 613646
Southfield St, Nelson, Lanes, BB9 0LD

Stock and custom layouts designed and built from scratch to any level required. Baseboards, track, wiring, scenic accessories, right up to complete scenic exhibition quality finish.

Supplier of wires, connectors, transformers, stock and custom power supplies for any requirement.

In house designed CDUs for low power consumption and high power output as well as British designed and made selectable feedback hand controllers.




PARKWOOD

Manufacturers of fine quality display cases and cabinets
Designed for the purpose built to last

OO/HO Store & Stack (Small & Large)

Two robust storage systems able to provide long term protection and storage for your OO/HO collection. The cases are of a sturdy stackable design with a detachable lid held in place by two snap on handles.

There are four "blit out" Polyethylene Foam Inserts for the "Large" case and two inserts for the "Small" case, each insert is machined to house 5 coaches or Locos with Tender. Insert slot length for the "Large" case is 340 mm, and 352 mm for the "Small" case.

Foam infill strips are provided with each case and these may be cut to a suitable length and pressed into the slots to form pockets to house wagons and shorter rolling stock. A soft foam pad in the lid of each case prevents the movement of the inserts during transit.

Storage capacity
Large Case, 20 Coaches or Locos with Tenders.
Small Case, 10 Coaches or Locos with Tenders.

Online Price
Store and Stack Small £69.98
Store and Stack Large £106.82 (inc. VAT and P&P)
Visit www.parkwood-arts.co.uk



Parkwood Arts Ltd, Froxfield Green, Nr, Petersfield Hants, GU32 1DJ
Tel. 01730 266151 Fax. 01730 265866 Email. sales@parkwood-arts.co.uk

Pooleys Puffers

Model Railway Supplies, New & Second Hand Bought & Sold



Partnership: David & Anne Poole
Diecast Models Kits & Accessories

Tel: 0191 4910202 / 4106386 Mobile: 07976 519178
www.pooleyspuffers.com e-mail: pooleyspuffers@btopenworld.com

382a Jedburgh Court, Team Valley Trading Estate, Gateshead, Tyne & Wear. NE11 0BQ

Mon - Thurs - 10:00am - 5:00pm
Fri - Sat & Bank holidays please telephone for opening times
Sunday - Closed

All major cards accepted. Part exchange welcome

PECO HORNBY GAUGE MASTER DAPOL JAVIS METCALFE SUPERQUICK WILLS RATIO

O GAUGE



The home of
London Transport
Model Kits

RADLEY MODELS

01425 479377 • www.radleymodels.com

Model events at Locomotion

The National Railways Museum, Shildon DL4 1PQ
10.00am to 5.00pm

Products
at Prices
Not to be
Missed!



Year End Toy Fair - Bank Holiday Tuesday
27th December, 2016

Spring Toy Fair - 18th & 19th February, 2017

Model Motion - March 4th & 5th, 2017

Toy Fair - April 29th, 30th & May 1st, 2017

Model Railway Ex. - June 3rd & 4th, 2017

Nearest Railways Station - Shildon 100 yds. On Arriva Bus Routes
Café Disabled Access Free Entry and Free Parking
Diecast Model Railways Collectables

For event and trading information

Contact: Stuart 01535 642367 or Laurence 07966 333605

Promoted by Tri-angman and Pennine Models on behalf of Locomotion

NEW!

Laser Cut Speed Bumps - LX087

OO / 4MM / 1:76



Perfect for detailing
street scenes!

It's the little details that make all
the difference to a layout, and
our new Laser Cut Speed Bumps
add that finishing touch to
your street scenes!

Pack of 8 Speed Bumps - £4.99 + P&P

scalemodelscenery
Tel: 01530 456952 .co.uk

CLASS 50 ALLIANCE BUYS 50007 HERCULES

THE RAILWAY WORLD - PAST, PRESENT AND FUTURE

Railways
ILLUSTRATED

Grids
RHTT Stars



PLUS

Nottingham
to Newark
No more bells



Teacher's
Tales pt2
Expanded horizons



Marshalling Yards - The hump years

New Forest - A railway history

ONLY
£4.50

HS2 PHASE 2 ROUTE CONFIRMED

JANUARY 2017 ISSUE OUT NOW

Each issue of *Railways Illustrated* offers a comprehensive round-up of the latest news and topical events from the UK across the present day railway, including heritage traction in operation on the main lines.

JANUARY ISSUE FEATURES:

GETTING THE HUMP

The UK's marshalling yards

AUSSIE STREAMLINERS

Spectacle down under

NOTTINGHAM

Newark Resignalling Project

RHTT LEAF BUSTERS

THEN & NOW
Coombe Road

WORKSOP/SHIREBROOK
OPEN DAY 1987

AND MUCH MORE!

Available now from **WHSmith** and all other leading newsagents

ALTERNATIVELY, ORDER DIRECT:

Order online with FREE P&P* at
www.keypublishing.com/shop

*Free 2nd class P&P on all UK & BFPO orders. Overseas charges apply.
Postage charges vary depending on total order value.



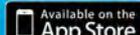
OR



Call UK 01780 480404
Overseas +44 1780 480404
Lines open 9.00am - 5.30pm GMT



Also available on



also available for PC,
MAC & Kindle Fire from



Search:
Railways Illustrated

www.wicormodels.com

7 West Street, Portchester, Hampshire PO16 9XB

Tel: 023 9235 1160

email: mail@wicor-models.co.uk

Stockists of a range of products from: Hornby, Bachmann, Dapol, Gaugemaster, Graham Farish, Parkside Dundas, Peco, Corgi, EFE, Oxford Diecast, Scalextric, Airfix, Humbrol, Expo Tools and many others.

Tues to Sat 09:00 to 17:00 CLOSED Sun & Mon

TRAIN TIMES

The Eastbourne Models and Collector's Centre



Eastbourne's longest serving model shop is now

OPEN
again.

Stocking lines from Airfix, Bachmann, Deluxe Materials, Gaugemaster, Hornby, Humbrol, Tamiya Oxford Diecast, PECO and more.



find us online at 37 seaside, Eastbourne, BN22 7NB

www.traintimesmodelshop.co.uk

(01323) 722026 - traintimestoo@gmail.com

Open 9am-5pm Tuesday to Saturday, open late on Friday (7pm)

BLOCKsignalling

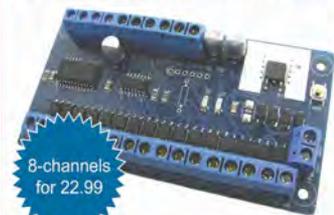
www.blocksignalling.co.uk

POINTS POSITION INDICATOR

Our points position indicator monitors the brief pulses of current used to operate points motors.

It can be connected to leds on a control panel to show the route set and remembers the settings even when the power is turned off.

Suitable for up to 8 sets of points.



8-channels
for 22.99

Semaphore Signal Controllers ♦ Points Position Indicators ♦ Level Crossing Modules
Light Aspect Controllers ♦ Shuttles ♦ Station Stop ♦ Points Control ♦ CDU ♦ Traffic Lights

TRAINSTOP
digital

10 High Street, Knighton,
Powys LD7 1AT

www.trainstop.co.uk

LARGE RANGE OF NEW AND
DISCONTINUED OO AND N GAUGE STOCK
- well worth a visit!

Telephone: 01547 520673

Email: sales@trainstop.co.uk

Don't
Delay
Call
Today

WANTED

WE WILL
NOT BE
BEATEN
ON PRICE



Top Prices Paid for Your collection of Hornby, Bachmann, Heljan, Farish, Wrenn, DJH and Other Kits Built & Unbuilt, Exley, LGB, Corgi, 00C, EFE, Plant, Tekno.

**WE PURCHASE YOUR
WHOLE COLLECTION**

**Layouts dismantled -
Distance No Object**



**WEALTH
WARNING**

Make Sure You Get
S and J's
Offer

For discounted Hornby and further special offers please visit our website at
www.sandjmodelrailways.co.uk

Call Now Tel: 01606 872786 • Mobile: 07531 949069 • Email: sjmodels@tiscali.co.uk

ACCESSORIES

P & D Marsh

Whitemetal kits, hand painted models and laser cut wooden structures in N and 00. Painted signals available in N and 00. Free price list available.

The Stables, Wakes End Farm, MK17 9FB
Tel: 01525 280068
www.pdmarshmodels.com

For the little bits that turn a toy into a model

Such as sprung buffers and fine brakegear, sprung wheels and detailed metal roofs where needed. Coach bogies that swing and not rock. Mostly 4mm scale but some now available in 7mm scale.

Further details at...

www.emardee.org.uk



AUCTIONS



AUCTION SALE OF VINTAGE AND COLLECTABLE TOYS, MODELS AND COMICS

ON FRIDAY 17th FEBRUARY 2017 following our usual general sale at 14:30 approx.

already entered 10 good quality large scale models of planes, boats, submarines and helicopters further entries invited view the catalogue online at WWW.WHITTAKERANDBIGGS.CO.UK/AUCTION/CATALOGUE

follow us on facebook, twitter and instagram

Brown Street, Congleton, Cheshire CW12 1QY TEL 01260 279858

BOOKS

Dereks Transport Books

www.derekstransportbooks.com

dereksbooks@btinternet.com

All transport subjects covered

Established 1995 Ringwood

NICK TOZER

RAILWAY BOOKS

RAILWAY BOOKS BOUGHT & SOLD

Free Railway Booksearch Service

155 Church Street, Paddock, Huddersfield, HD1 4UJ

SHOP: Tue/Wed 11:00-17:00 + Thur 14:00-20:00

www.railwaybook.com_nick@railwaybook.com

Tel: 01484 518159

DISPLAY CASES

Bespoke and trade enquiries please call Nigel Julian on 07971 741478 or 01332 781795 email: nigel@airframed.co.uk

AirFramed
Bespoke Glass Display Cases
www.airframed.co.uk



OO gauge loco & tender cases with mirrored or clear back wall (14" x 3" x 3") £35.00 plus p&p. Bespoke sizes made to order. Prices on application.

DCC CONVERSIONS

www.marks-trains.co.uk

Bespoke DCC and Sound conversions All scales Servicing and repairs Weathering

07515 436396
info@marks-trains.co.uk

DISPLAY/LAYOUTS

Platform 3 Models Layouts designed and built from N to Garden railways based in the south west. All loco Servicing & Repairs and DCC decoder installation for N & 00.

FISH TANK BASEBOARD KITS. Made from laser cut Birch Ply 1220mm long x 356mm wide and 356mm high. Easily put together. Priced at £220 including delivery Contact Tom Hussey Tel: 07811903231 Email: platform3models@hotmail.co.uk Web search: platform 3 models

DISPLAY/LAYOUTS

BOXFILE DIORAMAS

Tel: 01689 855074 Mob: 07956 086767 E-mail: chrisue@btinternet.com "Displays and Layouts"

Chris White runs a home based business constructing small scenic displays and working layouts, in all the popular scales. The 'N' gauge layouts can be made to fit into boxfiles, and oblong plastic storage boxes. Chris can carry out scenery restoration work to existing railway layouts in any scale and can also do commissions to build layouts and displays.

KITS AND COMPONENTS

Wizard Models



Over 2,200 kits and parts mainly in 4 & 7mm scales covering: semaphore signalling; Sprat & Winkle and D.G. autocouplings; 51L and Comet locomotive, carriage and wagon kits and components.

Order on line at www.wizardmodels.co.uk

UK P&P: £3.90 per order, overseas at cost, price list 5x1st class stamps.

24hr Phone 01652 635885 Mobile 0778 894 0312

Wizard Models Limited, PO Box 70, Barton upon Humber DN18 5XY

BRANCHLINES

Mashima, Hanzono, Canon motors. Gears, gearboxes, bearings, drive shafts, wheels, crankpins, etc. Black Beetle, Tenshodo motor bogies

4mm loco and chassis kits and detailing parts and accessories.

4 and 7mm narrow gauge loco, coach and wagon kits, chopper couplings

4mm etched coach and PBV kits (MR/LMS, LBSCR, SECR, SR, TVR) 7mm Ford T Railbus, coach kits.

P.O. BOX, WESTBURY, BA13 9AA
Tel/Fax: 01373 822231
E-mail: sales@branchlines.com

Catalogues: e-mail or S&SAE + £1 in stamps or £2.50 C/card and PLEASE STATE INTERESTS

- 0 Gauge Kits -

CONNOISSEUR MODELS

- Quality Etched & Cast Metal Kits -
- Locos, Carriages & Wagons -
www.jimmcgeown.com

or Send S.A.E. For Printed Catalogue
1 Newton Cottages, Nr Weobley, HR4 8QX

MODEL KITS & DIECAST



Custom Locos, Ltd Edn Wagons
New Hornby, used makes

W: carriageandwagonmodels.co.uk

E: carriagew@yaho.co.uk

T: 01233 633295 M: 07757 342525

EVENTS

NEWTON ABBOT TRAINS & TOY FAIR, Sunday January 8th 2017, at Newton Abbot, The Racecourse, Devon TQ12 3AF 10.00am to 3.30pm Admission £2.00 120+ tables. Contact Ray Heard 01823 480097 or email rayheard66@btinternet.com

TWENTY SECOND ANNUAL RAILWAY/BUS COLLECTORS FAIR

PUDSEY CIVIC HALL, LEEDS
SATURDAY
14th JANUARY 2017

10 am to 3 pm Admission £2

Enquiries to Barry Rennison 0113 236 3695

Email: rennison@cc-email.co.uk
www.samuelledgardsociety.org.uk

KITS & COMPONENTS

EXTREME ETCHINGS
2 Upper Dunstead Road Langley Mill Nottingham NG16 4GR
Specialist suppliers of the finest quality nameplates and detailing components for the Diesel and Electric era in 2, 4 and 7mm scales.
01773 718648
www.shawplan.com

ISINGLASS
LNER scale drawings
Over 500 drawings of Locos, coaches & vans, available in scales from 4mm.
3D Printing? Visit Isinglass at an exhibition to find out more.
www.isinglass-models.co.uk
27 Grange Road, Toddington LU5 6BZ
Isinglass@Edgson.net

MODEL RAILWAY SHOPS

"Our Place"
For all your modelling needs
HORNBY METCALFE
RATO PECO
Wide range of paints, kits, die cast vehicles and Scalextric always available
3 Swan Street Alcester
Tel 01789 766755
www.model-mart.co.uk

DCC & ACCESSORIES

Taunton Controls Ltd.

611 DCC unit can be used with N gauge up to G, has 28 functions, 300 routes, simple 4 digit numbering built in computer interface, and is NMRA compatible



TEST DRIVE THE 611 DCC Controller HELPLINE 01823 327155

Come to Somerset and try for yourself this wonderful unit

Open 9am to 9pm closed WEDNESDAYS
Website: www.tauntoncontrols.co.uk



OPEN DAY SUNDAYS just drop in times 10am to 4pm

MODEL RAILWAY SHOPS

BOLTON MODEL MART

58 GREAT MOOR STREET, BOLTON, LANCASHIRE BL1 1SN
 HORNBY • BACHMANN • PECO • METCALFE • GAUGEMASTER • FARISH • LGB • RATIO AND MANY OTHERS
 OPEN SIX DAYS, MOST CREDIT & DEBIT CARDS
www.boltonmodelmart.co.uk
info@boltonmodelmart.co.uk
 01204 382282

CAISTOR LOCO

8 Market Place, Caistor, Lincs LN7 6TW
 Tel: 01472 859990
 For all your Model Railway Needs
 Opening Hours: Mon, Tue, Thurs 10 till 3
 Fri 10 till 3 & 5 till 7 Sat 10 till 5
 Hornby • Parkside • Smiths • Peco • Cambrian
 Metcalfe • Bachmann • Coopers • Mail Coach
 Wills • Farish • Springside • Ratio • Railmatch Paints
 • Knightwing • Faller • Knoch • Javis • Woodlands
 Kadee • P.D. Marsh and many more
 Mail order welcome

SWINDON

PECO TRACK & ACCESSORIES
 ALWAYS IN STOCK
SPOT-ON MODELS
 49 FLEET STREET, SWINDON,
 WILTSHIRE SN1 1RE
 TEL: 01793 617302
 Email: spotonmodels@gmail.com

MODELMANIA

All leading brands stocked
 Mail order service
 13 Clouds Hill Road, St. Georges,
 Bristol BS57LD
 Open Tues - Fri 09.30 - 17.00, Sat 09.00 - 17.00
Tel: 0117 9559819
 email: modelmaniaemail@aol.com

THE HOBBY GOBLIN

STOKE-ON-TRENT
 54 Hamil Road, Burslem ST6 1AU
 Bachmann, Farish, Scenecraft, Woodland Scenics,
 Hornby, PECO, Dapol, Gaugemaster,
 Lenz, Metcalfe and much more!
 T: 01782 818433
 e: thehobbygoblin-uk@hotmail.com
www.thehobbygoblin.co.uk

THE MODEL SHOP

Specialist Model Railway Stockist
 4 St David's Hill, Exeter EX4 3RG
 (just off the old Iron Bridge)
 Now agents for NCE DCC systems
MERRY XMAS TO ALL OUR CUSTOMERS
www.trainsandtrack.co.uk
 Tel: 01392 421906
 shop open Tue/Sat 9.30-5.00pm
 Now taking orders for New Releases

Redcar Models & Hobbies

130 High Street,
 Redcar, Cleveland
 Stocking a wide range of 'OO'
 railways by Bachmann, Hornby,
 Peco and Gaugemaster
Tel: 01642 494 912
sales@redcarmodels.co.uk

PHOTOWORLD

While stocks last — Hornby Elite DCC
 Controller £189
 New Address: 26 Queens Road,
 Craig-y-don, LLANDUDNO LL30 1AZ
 Telephone 01492 871818
 UK orders over £25 POST FREE
 Shop Hours 10 - 12.30 then 2.30 - 5

JACKSONS MODELS

33 NEW STREET, WIGTON, CA7 9AL
Tel: 01697 342 557
www.jacksonsmodels.co.uk
 Hornby, Bachmann, Peco, Dapol, Scenics, Javis,
 Peco, Woodland Scenics, Gaugemaster,
 Patronics, Wills, Ratio, Metcalfe, Superquick etc
**Opening Times: Mon, Tue, Fri 9-5,
 Thur 9-7, Sat 10-3 Closed Wed & Sun**

Millennium Models

Hornby Bachmann Peco Gaugemaster
 New and Second Hand Stock
 Javis Dapol Metcalfe Corgi Oxford
 67 Queen Street, Morley, Leeds
 LS27 8EB Tel: 0113 2189 286

JOHN DUTFIELD CHELMSFORD

Wards Yard, 133 Springfield Park Road, Chelmsford, CM2 6EE
 PECO, HORNBY, BACHMANN, FARISH, DAPOL, HELJAN etc
 and lots more for the railway modeller.
 Opening times: 9 till 5.30 Closed Weds Suns & Bank hols
Tel: 01245 494455
 email: heatherwilkinson@btconnect.com
www.johndutfieldmodelrailways.co.uk

Maestro Tel: 01933 355531
 PayPal Mobile: 07969 535 699 (evenings & weekends)

 19 Keats Way, Higham Ferrers, Northants. NN10 8DQ
 Email: sales@hamodels.net
 Coach & Wagon Kits, Wheels, Decals, Wagon Loads, Paint & Sundries
 Parkside Dundas, Cambrian, Genesis, Slaters & Ian Kirk 7mm, Dapol, Precision Paints, Kadee,
 Modelmaster & Old Time Workshop Decals, Labelle Oils, Alan Gibson & Romford Wheels
 Order on line at: www.hamodels.net or ring us (same day or next day despatch)
 Precision Paint - pre order and pick up at exhibitions (minimum two weeks notice)
 Exhibition in January - Sat 14th & Sun 15th Chiltern Model Railway Exhibition
 Stevenage SG1 1LZ

Platform Models
 Model Railway items both new and second-hand
 Also baseboards supplied by Model Railway Solutions
All prices 10% below RRP
 Free parking Opening Hours: Tue to Sat 10-5.
 10-12 Alder Hills, Poole, Dorset BH12 4AL
Tel: 01202 798068 or shop online at: www.platformmodelsltd.co.uk

Kent Garden Railways

16mm and G Scale Specialists
 LGB ♦ Bachmann ♦ Aristocraft ♦ Accucraft ♦ Peco ♦ Piko ♦ Pola ♦ Roundhouse etc
 OO and N from leading suppliers ♦ Hornby ♦ Bachmann ♦ Farish ♦ Heljan ♦ Peco
 66 High Street, St Mary Cray, Orpington, Kent, BR5 3NH Tel: 01689 891668
Shop Open Mon - Sat 09.00 - 17.00 www.kgrmodels.com


www.tridenttrains.co.uk
 01270 842 400
 We stock
 HORNBY-BACHMANN-GRAHAM FARISH-DAPOL OO & N
 PECO-RATIO-WILLS-RAILMATCH-PAINTS-HUMBROL
 PLASTRUCT-JAVIS-WOODLAND-SCENIC-OXFORD-DIECAST
 METCALFE OO & N-SUPERQUICK-TCS-DECODERS-LENZ DCC
 GAUGEMASTER-TRACKSETTA OO & N + MUCH MORE.
 WEDNESDAY - SUNDAY 10.00 TIL 5.00

COLLETT'S MODEL SHOP

6B Albion Street, Exmouth EX8 1JL
Tel: 01395 224608
 OPEN TUES - SAT 09.30 - 17.00
 WE AIM TO PRICE MATCH ALL COMPETITION

 - EVERYTHING HIGHLY COMPETITELY PRICED -
 - PAYMENT PLAN ON ALL PRE-ORDERS -
www.collettsmodelshop.co.uk


NOW buying your unwanted model railway collections
 NOW STOCKING A WIDE SELECTION OF PRE-OWNED MODEL & NEW RAILWAY COLLECTIONS ONLINE & INSTORE
www.agrmodelrailwaystore.co.uk
 Monday - Friday 9am-5pm Saturday 9am-4pm
 AGR Model Railway Store
 9 High Street Mews,
 28 High Street,
 Leighton Buzzard
 Bedfordshire, LU7 1EA
 01525 854788
sales@agrmodelrailwaystore.co.uk


WALTONSMODELS.CO.UK
 Where Will Your Hobby Take You Today?
 Figures from £5.20
 Peco Accessories from £2.75
 Hornby DCC NMRA decoder only £13.75
 Crosfield Chemicals Limited Edition 3 x Wagons £29.95
 info@waltonsmodels.co.uk 0161 928 5940
 30 Stamford Street, Altrincham, Cheshire, WA14 1EY


MODEL RAILWAY SHOPS

The Model Shop
www.marketmodels.co.uk
 Trains, boats, planes,
 cars, vans, lorries
 Unit 7a Ground Floor
 The Octagon Centre
 New Street, Burton On Trent,
 Staffordshire, DE14 3TN
 07939544527
 Bob, Liz, Ashley

R&R Hobbies
 3 Shoppers Walk, Swansea
 SA1 3AY
 Open Mon-Fri 10-5
 Sat 10-4.30
 Call: 01792 468749
 Stockists of N, OO & O Gauge,
 Hornby, Graham Farish, New
 & Secondhand

MODEL WORLD
 3 LONDON ROAD,
 NEWPORT PAGNELL,
 BUCKS MK16 0HA
 ONLY 1 MILE JNC14 M1
 Hornby, Bachmann, Peco etc.
 Tel: 01908 612983
mickoxley@aol.com

NAMEPLATES & ETCHING

Catalogue: £2.00 01484 653387
247 DEVELOPMENTS
 Name and number plate
 Design, Manufacture & Supply.
 The big four, Pre-Grouping, British Railways
 Industrials, Fictitious, Irish, Headboards,
 Builders plates, Shed codes, Bespoke Names.
 Loco detailing and construction parts.
 Markits stockist. Romford wheels to order.
 1 Coombe Rd www.247developments.co.uk
 Minsbridge orders.247developments.
 Huddersfield btinternet.com
 West Yorkshire, HD3 4SF

MODEL JUNCTION
 The Best Model Shop In Suffolk
 Peco
 Hornby
 Bachmann
 Gaugemaster
 Metcalfe Models
 And So Much More
 Whiting St. Bury St. Edmunds IP33 1NX
www.modeljunction.com
 Open Mon - Sat 9.00 - 5.00 **01284 753456**

HORLEY BOOKSHOP
MODEL SCALE RAIL CENTRE
 117 Victoria Road, Horley, Surrey RH6 7AS
 Tel: 01293 783558 www.scalerail.co.uk
 info@scalerail.co.uk scalerailhorley
 • All major model railway brands stocked in N and OO
 • Rolling stock, starter sets, track, scenics, kits, paint, etc
 • Baseboards built to your specifications
 • Mail order a pleasure
 Open Mon-Sat 9.00-5.00 - Victoria Road car park 3 mins
 We are just 10 minutes from Gatwick Airport

Waddell's Models
 56 Bell Street, Merchant City,
 Glasgow, Lanarkshire G1 1LQ
 0141 552 8044
 Open TUES-SAT 10.30am-5.30pm
 Open for Modelling Advice, DCC Decoder
 Fitting and Limited Edition Models selling
 all Scales and Gauges including 2mm, 4mm,
 N, OO
 10% off catalogue prices for Locomotives &
 Rolling stock
 We stock Bachmann • Dapol • Farish •
 Heljan • Hornby • Peco
 And many more...

MODEL RAILWAY SHOP

Visiting the Isle of Wight?
 Two floors of
 locomotives, wagons, coaches, buildings,
 scenery, electrics, figures, cars and more!
 N/OO9/HO/OO/On30/G
UPSTAIRS DOWNSTAIRS
 Pier Street - Sandown - PO36 8JR
 01983 406 616 - www.udiw.com

Addlestone Models
 The Shop with the stock
 Surrey's leading Discount Model Centre
 Open 7 days
 Mon - Sat 9.30 - 5.30 Sun 11 - 2
 130 Station Road, Addlestone,
 Surrey, KT15 2BE
www.addlestone-models.co.uk
01932 845440

Haslington Models
 134 Crewe Road Haslington CW11 5RQ
Tel/Fax 01270 589079
 Appointed Stockist of
 Hornby, Bachmann, Farish, Dapol,
 Vi-Trains, Peco, Gaugemaster, Heljan,
 Metcalf, Ration, Wills etc
 Thursday/Friday/Saturday only
 10.00 until 16.00

THE HOBBY BOX
 121 High Street, Uckfield TN22 1RN
 Tel: 01825 765296
www.thehobbybox.co.uk
 BACHMANN - CARRS & C&L - CAMBRIAN
 COOPER CRAFT - DAPOL - ECKON
 EVERGREEN - EXPO - FARISH
 GAUGEMASTER - HELJAN - HORNBY
 K&M - KADEE - KESTREL - KNIGHTWING
 LENZ - P.D MARSH - METCALFE - NOCH
 PARKSIDE - PECO - PLASTRUCT
 RAILMATCH - RATIO - ROMFORD - SEEP
 SLATERS - SMITHS - SPRINGSIDE
 SUPERQUICK - SE FINECAST - SMP
 WILLS - WOODLAND SCENICS
 Open: Tues-Fri 10.00am - 5.30pm,
 Sat 9.30am - 5.00pm

EDDIE STOBART LTD
 EXPRESS ROAD HAULAGE SPECIALIST
www.BestsModeller.co.uk
0781 4751547
 We at BESTSMODELLER sell all
 Die-Cast Models, Hornby, Lima,
 Bachmann Railways, Eddie Stobart
 products, Corgi Buses and have many
 other products to sell. You can also
 purchase online at our website.

BUOYS TOYS & MODELS
 30 LOUDEN ROAD, CROMER, NORFOLK NR27 9EF
 01263 519652 Email: buoystoy@btinternet.com
 Woods, Metals, Plastics
 Paints, Glues, Fillers
 Scenics, Electrics
 Detailing Parts
 Track, Tools
 Diecast
 Wills, Peco, Metcalfe, Railmatch,
 Kadee, Auhagen, Parkside Dundas
 Woodland Scenics, Traces, Labelle
 Knightwing, Ancor, Superquik,
 Smiths & W.T. Plastruct, P&D Marsh
 Dapol, HORNBY Transfers, Microscale
 Hornby, Gaugemaster, K&M, Kestrel,
 Oxford, JTT Scenics, S.I.J. Classic
 BT Models, Heljan, Springdale
 Specialising in modelling materials and accessories -
 Come and say
 'High' to Cromer
 Gem of the North Norfolk Coast
 for all your kits 'n' bits
 OPEN
 Tue - Sat
 9.30 - 5.00pm
 Find us opposite
 Tourist Information
 For updates follow us

THE MODEL SHOP
 MON-SAT 9.00 - 5.30
 OPEN SUNDAYS 10.00 - 2.00
 117 New Road, Portsmouth PO2 7QS
 Tel No. 023 9265 3100
 Email: modelshop117@gmail.com

Wellingborough Trains & Models
www.wellingboroughtrains.co.uk
 26 Market Street
 Wellingborough
 Northamptonshire
 NN8 1AN
 01933 27 0669
sales@wellingboroughtrains.co.uk
 Stockists of: Bachmann, Hornby, Peco, Gaugemaster,
 Humbrol, Airfix, Fisher-Price, Trackmaster,
 Woodland Scenics, Expo and many more.
 Opening hours: Tues to Sat 9:30 am - 4pm. Closed Sun & Mon

Limited Edition
 OO gauge private owner wagon
 of W A Dodd & Co, Ulverston
 only 235 available
W.A. DODD & CO.
 Only available at
Crafty Hobbies
www.crafty-hobbies.co.uk
 54 Cavendish Street, Barrow-in-Furness,
 LA14 1PZ T: 01229 820759

PAIGHTON MODEL SHOP
 Stockist of:
 Hornby, Bachmann, Peco,
 Woodland Scenics, Metcalfe,
 Superquick, Airfix, Scalextric, Ratio,
 Wills & Scenerama
 N Gauge stockist for Farish
 Loco Weathering Service Available
**60 Hyde Road, Paignton,
 Devon TQ4 5BY**
Tel: 01803 555882
 Email:
paigntonmodels@hotmail.co.uk
 Website:
www.paigntonmodelshop.com

RHUDDLAN MODELS
 • Model Railways
 • Games Workshop
 • Die Cast Models
 Corgie - Dinky - Matchbox
 • Plastic Kits
 Airfix - Revell - Etc
**NEW AND USED ITEMS
 BOUGHT AND SOLD**
HIGH ST, RHUDDLAN
01745 590048
www.rhuddlanmodels.co.uk

Top Trains
NEW
 Shop for model
 railway enthusiasts
OPEN NOW
Free Parking
 Wide range of stock from all
 your favourite suppliers,
 PLUS bespoke services,
 ordering service and online shop.
 Call us or see our website for details
 28 Marston Road, Stafford, ST16 3BS
 Tel: 01785 247883

my model shop
www.MYMODELSHOPONLINE.COM
84 CHURCH ROAD, NORTHELDEN, MANCHESTER M22 4NW
 Manufacturers stocked: • Javis • LGB • Hornby • Bachman
 Other Model Railway Products Stocked: • Rolling Stock Kits • Track
 • Trackside Accessories • Scratchbuilding Materials • Secondhand Items
 Other Modelling Products Stocked: • Paints & Glues • Plastic & Card kits
 • Scenic Materials • Scratchbuilding Materials • Tools
 We sell radio control, OO gauge, N gauge, G scale, geo scenics,
 javis scenics, plastic kits, plastic card all glues and accessories.
 Tel: 0161 946 1759 • Email: stevenyoung8@msn.com

MODEL RAILWAY SHOPS



LARGE STOCKS OF PRE-OWNED RAILWAYS, A SELECTION OF WHICH IS ON OUR WEBSITE.

We stock new Hornby, Bachmann, Graham Farish, PECO, Expo Tools, Electrical components & much more!

We also purchase your unwanted railways, whether it's a single item or collection - anything considered.

Whether you're a novice or an expert we are always happy to help! So why not visit us today or give us a ring!

Tel: 02380 772 681 www.ronlines.com
342 Shirley Road, Southampton, SO15 3HJ
Open: Mon to Fri 10am-5pm & Sat 9am-4pm

Cardiff Small Model Railway Show

Run by the Cardiff Small Model Railways Group
Sponsored by Lord and Butler Model Railways

Saturday 21st January
10AM - 4:30PM

Scout Head Quarters
Fields Park Road
Pontcanna, CF11 9HX

Admission:

£3.50 for Adults

Children under 14 FREE

Refreshments available all day

- 9 Confirmed Layouts
- Demonstrations
- Trade Support
- Free Parking on site
- Easily Accessible by Public Transport
- Proceeds to Local Charities

Sponsored By



Opening Times:

Mon-Sat 10:00-17:30
Sun 14:00-17:00

02920 667225 info@lordandbutler.com www.lordandbutler.com

ONLINE MODEL SHOP

www.modelrailuk.co.uk 01202 434495

- LED Street and Station Lighting

- Colour Light Signals

- Turntable Motor Gearbox

- Lighting Accessories



14 Woodsage Drive,
Gillingham,
Dorset SP8 4UF

RAILWAYS

01747 826269

Secure online ordering

Online model shop supplying a wide range of tools, scenics, materials, electrical parts and components. Kits and downloadable products to model railway enthusiasts.

www.railwayscenics.com • sales@railwayscenics.com

PHOTOS

Colour-Rail

Visit our redesigned website at www.colour-rail.com to view over 70,000 images, of railway subjects & buses. High resolution scans available for modellers.

Looking for a good home for your treasured negatives and slides?

Then e-mail

colourrail@aol.com

or write to

558 Birmingham Road,
Bromsgrove, B61 0HT

FEBRUARY ISSUE

COPY DEADLINE:
14th December
ON SALE:
12th January

REPAIRS & SERVICES

Model Railway Doctor
Model Railway Repair Specialist
Most Makes Undertaken
DCC Specialist

Why not visit the website for more information
www.modelrailwaydoctor.co.uk
or tel: 020 8907 7662

SIGNALS & LIGHTING

CR Signals

Lights, signals & kits to bring your layout to life
N Gauge & 00 Gauge

- Signals • Lights • Signal & Light Kits
- Trackside items • Wire & Accessories

For the latest price list and order form
Please email info@crsignals.com
www.crsignals.com

CR Signals 'Birkby' 5 The Crescent,
Doncaster Road, Rotherham S65 1NL

SPECIALIST MODEL SHOP

TRAIN TERRAIN

Now in larger premises 01603 737430

Model Scenics and layout builders.
Specialist in European & American.
info@trainterrainmodels.co.uk
www.trainterrainmodels.co.uk



Heki Tree's & Scenics

Heki 2015 Catalogue - new items leaflet £7.95 post paid
Make your layout stand out with Heki Trees & Scenics Materials Quality at affordable prices
Trade Supplied
Order Online or just call to find out about the Biggest and Best range of Scenics on the market today.
P.O. Box 2099, Hockley, Essex, S55 4UY
Tel 01792 200036 e-mail sales@blackwells-miniatures.com
www.blackwells-miniatures.com

Model Scenery Supplies

Internet shopping... Massive Range
Scatter-Flock-Foliage-Trees
Bushes-Plants-Tufts-Figures
Animals-Kits-BaseBoards



modelscenerysupplies.co.uk

North Norfolk Business Centre, Northwpps, Cromer, Norfolk NR27 5RQ

TOY & TRAIN FAIRS

NEW EVENT MANCHESTER

Trafford Soccerdome - Saturday
31st December 2016, Trafford way,
Trafford Park, Manchester, M17
8DD (opposite Chill Factor Ski Slope
- 1 minute from M60 Junction 10)
Up to 100 tables. 10.30am-2pm
Admission: Adults £2 Children
50p Under 5 Free. Free parking
for 1000's of cars Contact: Barry
Stockton on 0151-334 3362

DONCASTER RACECOURSE

COLLECTORS FAIR The Lazarus
Exhibition Centre, Leger Way,
Doncaster, DN2 6BB Friday 30th
December 2016 10.30am-3pm
More than 300 stalls of toys trains
and models Adults £4, Seniors
£3.50, Children £1 (under 5s Free)
Free parking www.bpfairs.com Tel
01604 846688

MACRON STADIUM TOY FAIR

(FORMERLY REEBOK STADIUM)
The Premier Suite, Macron Stadium,
De Havilland Way, Horwich, Bolton,
Lancashire, BL6 6SF Thursday 29th
December 2016 10.30am-3pm
280 stalls Adults £3.50 Seniors
£3 Children £1 (under 5s free)
Free parking www.bpfairs.com Tel:
01604846688

NEC BIRMINGHAM TOY & TRAIN

FAIR, Hall 18, National Exhibition
Centre, Birmingham, B40 1NT.
Tuesday 27th December 2016
10.30am-3pm 550 stalls Adults £7
Seniors £6.50 Children £2 (under
5s Free) Free parking www.bpfairs.com
Tel 01604 846688

SRP Toyfairs

Sat 17th Jan - *Hawking Community Centre*

Sun 18th Dec - *Orpington*

Tues 27th Dec - *Worthing*

Wed 28th Dec - *Bexhill-on-Sea*

Thurs 29th Dec - *Rayleigh*

Sun 1st Jan - *Colchester, Langham Community Centre*

All Shows open 10am-2pm

Adults: £2.00, Children: Free

Contact: Gerry @ SRP Fairs on
0773 9998012 | 01322 662729

www.srptoyfairs1.co.uk

Please visit website for full address details

PAINTS

PHOENIX PRECISION
PRECISION PAINTS & CHERRY PAINTS
The Original and still the best

CHURCHWARD
MODELS

DMR
Products

Etched Brass Steam Locomotive Kits and Fittings
Steam Locomotive Name and
Number Plates.
& Kits and bits from
No Nonsense Kits

www.phoenix-paints.co.uk sales@phoenix-paints.co.uk
01268 730349

TOY & TRAIN FAIRS

THREE COUNTIES SHOWGROUND, Malvern, Worcestershire WR13 6NW Monday Jan 2nd (Bank holiday) 10.30am-3pm Adults £3.70, Seniors £2.70, Children £1.70, Early entry available from 7.30am £5 Contact Brian 07751 613 640



EVESHAM TOY FAIR - Evesham Leisure Centre, Abbey Road, Evesham, Worcestershire WR11 4SU Thursday 29th December 10.30am - 2pm, £2.00 entry Tony Oakes Fairs 01270652773

BRIDGNORTH TOYFAIR, Leisure Centre, High Town, Bridgnorth. WV16 4ER. Sunday 1st December 10.30am-3.00pm, £2.00 entry, Tony Oakes Fairs 01270 652773

ASHFIELD TOY & TRAIN FAIR, Festival Hall NG17 7DJ. Sunday 15th January 10am-2pm. Good access, refreshments, free parking, Contact Malc: 07951 072790

BURTON-UPON-TRENT TOY & TRAIN FAIR, Town Hall, DE14 2EB, Wednesday 11th January 6.30pm-8.30pm. Always a good selection of rail and diecast. Contact Malc 07951 072790

TRANSFERS

Railtec Transfers
waterslide transfers
for all gauges & hobbies
Large catalog of UK & Irish rail
"In a class of their own and a joy to use."
Pete Waterman, OBE DL
www.railtec-models.com

WANTED

Tri-angman

Specialist in Model Railway

Tri-ang, Hornby, Bachmann, Wrenn, Minic, etc

BUY & SELL HARD TO FIND ITEMS & COLLECTABLES

Find me on www.tri-angman.co.uk

Tel: 07966 333605 Email: laurence@tri-angman.co.uk

ADVERTISERS INDEX

4Ground trackside	151	Mac's Model Railroading	141
A C Models	146	Marcway Hobbies	151
ADM Turntables	150	Megapoints controllers	144
Alton Model Centre	150	Mendienne Exhibitions Ltd	53
Andy Lowe Electronics	147	Metcalf Models & Toys Ltd	56-57
Anoraks Anonymous	145	Mike Pett	160
Aspire Gifts & Models	159	Mike's Models	162
Bachmann-Europe (W/Britain Ltd)	172	Model Rail Baseboards	152
Barnsley Model & Games	158	Model Railway Baseboards	160
Black Dwarf Lightmoor Publications Ltd	123	Model Railway Solutions	162
BLOCKsignalling	164	Model Railways Direct Ltd	95,135
Brickwall Works Ltd (Superquick)	141	Monk Bar Model Shop	162
Brimal Components	146	Morley Controllers	152
Bure Valley Railway	147	Morris Models	162
C & M Models	158	Nelevation	159
Cheltenham Model Centre	103	NMRS Models	162
Chiltern Model Railway Association	142	Olivias Trains	152
Church Street Models	151	Osborn's Models Ltd	151
Classic Rail	103	Oxford Diecast Ltd	139
Cm3models	158	Parkside Electronics	162
Dapol Ltd	171	Parkwood Arts Ltd	162
DCC Concepts Pty Ltd	2-3,52	Pennine Models	163
DCC Fitting Ltd	157	Pennine Models	161
DCC Supplies Ltd	103	Peters Spares Model Railways Ltd	148
DCC Train Automation	150	Pooleys Puffers	162
Durham Trains of Stanley	158	Radley Models	163
Ellis Clark Trains	34	Rails of Sheffield	84-86
EMA Model Supplies	158	Rochester Games Models & Railways	147
Express Models	158	Ron Lines	168
Finescale Model World Ltd	153	Roxley Models	152
Flair Rail	158	RP TOOLZ Bt.	161
Fox Transfers Limited	153	S & J Models	164
Freestone Model Accessories	158	Sankey Scenics	157
Frizinghall Models & Railways	157	Sawyer models	154
Galactic Models	160	Scale Model Scenery Ltd	163
Gas Cupboard Models	160	Scale Scenes	53
Gaugemaster Controls Plc	24-25	South West Digital Ltd	154
Gee Dee Models	160	Southampton Model Railway Society	154
GFB Designs (Signatrak)	157	Springside Models	154
Ghost-Signs.com	160	Squires Model and Craft Tools	169
Going Loco	53	Steve Currinn Books	159
Golden Valley Hobbies	160	Street Level Models	53
Grimy Times	157	The Airbrush Company,	153
Harburn Hobbies	155	The Goods Yard Ltd	156
Hatton's Model Railways	124-133	The Hobby Shop	156
Heathcote Electronics	161	The Junction Box	138
Hereford Model Centre	143	The Loco Shed Limited	156
Hornby Hobbies	94	The Railway Conductor	155
John Ayrey Die-Casts Ltd	142	The Wirral Model Shop	156
John Duthell	166	Tower Models	35
K & M Models	160	Train Times Model Shop	164
Kernow Model Rail Centre	136-137	Train-Tech	147
KIB Models	140	Trains 4 U	147
KS Laser Designs Ltd	146	Trainstop	164
Langley Models	141	Vectis Auctions	155
Little Loco Company	144	Warwick & Warwick	87
Loco Boxes	160	Wicor Models	164
Locomotion	148	York ModelMaking	146
London Transport Museum	123	YouChoos	159
		Zimo Elektronik	6

SQUIRES MODEL & CRAFT TOOLS

100 London Rd, Bognor Regis, West Sussex PO21 1DD
Tel: 01243 842424 Fax: 01243 842525

Email: sales@squirestools.com www.squirestools.com
Squires will be exhibiting at the following shows in 2016 - 2017
Diary updated as bookings are confirmed

Dec 10 - TONBRIDGE Garden of England Model Festival, Angel Centre, Tonbridge, Kent, TN9 1SF. 10-5. EXHIBITIONS & SHOWS IN 2017

Jan 14/15 - BOGNOR REGIS M/Rail Ex, Felpham Community College Felpham Way, Felpham, Bognor Regis, West Sussex **PO22 8EL** Sat 10 - 5, Sun 10 - 4.30 **Plenty of Free Parking**
Jan 21/22 - CALNE MODEL RAILWAY EXHIBITION Calne Leisure Centre, White Horse Way, Calne, Wilts. **SN11 0SP** Free parking, Sat/Sun 10-5 - **Enlarged Show for 2017**
Jan 22 BRISTOL - Bristol 'O' Gauge Group Exhibition University of the West of England (UWE Bristol), Conference & Exhibition Centre, Filton Road, Bristol, **BS34 8QZ**. Sunday 10 - 4.00pm.

Jan 22 GUILDFORD - Astolat Model Railway Exhibition, The Surrey Sports Park, University of Surrey, Richard Meys Road, Guildford, Surrey, GU2 7AD. Sunday 10-5. www.astolatmrc.com

Jan 28/29 KENDAL M/Railway Exhibition Leisure Centre, Burton Rd, Kendal, **LA9 7HX** Sat/Sun 10-5
Feb 4/5 ALTON - FebEx 2017 Alton Model Railway Group Exhibition Eggars School, Anstey Rd, Alton, Hants, **GU34 4EQ**. Sat 10-5. Sun 10-4.

Feb 11 NEWBURY MODEL RAIL SHOW St. Bartholomews School, Andover Rd, Newbury, Berks RG14 6JP 10 - 4.30pm. 13 Layouts - Plenty of Free Parking. Close to Newbury Railway Station.

Feb 18 - TONBRIDGE Model Railway Exhibition, The Angel Centre, Tonbridge, Kent, TN9 1SF, Sat 10 - 5pm. www.tonbridgeemrc.com

Feb 19 - MANCHESTER ALSRM 'O' Gauge Show, Woodhouse Park Lifestyle Centre, Portway, Wythenshawe, Manchester, **M22 1QW** 10-4. Free Parking - Test Track & 16 O Gauge layouts. *Free admission ALSRM Members*

Feb 24 - 26 - GLASGOW Model Rail Scotland, Scottish Exhibition Centre, Glasgow, G3 8YW. Friday 10.30 - 6, Saturday 9.30 - 6, Sunday 9.30 - 5. Coming to Glasgow? Why not try Saturday?? or Sunday??? The show is less busy - see much more of the layouts AND a lot easier to get to our stand!!

Mar 4 - KETTERING Gauge 'O' Guild Spring Show and Exhibition, Kettering Leisure Village, Thurston Drive, Kettering, NN15 6PB. Sat 10-4.

Mar 4/5 - PRESTON Preston & District Model Railway Exhibition, Sports Hall, Preston College, St Vincents Road, Fulwood, Preston, Lancashire, **PR2 8UR**. Sat/Sun 10 - 5pm

Mar 11/12 - BASINGSTOKE Model Railway Exhibition, Aldworth Science College (formerly The Richard Aldworth School), Western Way, Basingstoke, RG22 6HA Saturday 10 - 5, Sunday 10 - 4.

Mar 11/12 - HUNTINGDON East Anglian Model Railway Exhibition, The Britten Arena, Wood Green Animal Charity Centre, Huntingdon, **PE29 2NH** Sat 10 - 5, Sun 10 - 4 **Plenty of FREE Parking**

Mar 11/12 - KEIGHLEY Model Railway Exhibition, University Academy Keighley (UAK), Green Head Road, Utleigh, Keighley, BD20 6EB. Sat/Sun 10-5.

Mar 18/19 NOTTINGHAM - East Midlands Model Railway Exhibition, Harvey Hadden Sports Village, Wigman Rd, Bilborough, Nottingham **NG8 4PB**. Sat 9.30-5.30, Sun 10-5.

Mar 25/26 PENRITH Model Railway Show, Rheged Centre, Redhills, Penrith, Cumbria, CA11 0DQ Sat 10-5.30, Sun 10-4. Organised by Border Railway Society, Carlisle & District O Gauge Group and Rheged.

April 8 - NORWICH M/Rail Exhibition, Hellesdon High School, Norwich **NR6 5SB**. Sat 10 - 4.30pm.

April 8/9 CORSHAM Trainwest 2017 M/Rail Exhibition, Springfield Community Campus, Beechfield Road, Corsham, Wilts **SN13 9DN** Sat/Sun 10 - 5 *Modern NEW Venue - Plenty of FREE Parking**

April 15/16/17 - YORK Model Railway Show, The Knavesmire Stand, Racecourse Road York. **YO23 1EX**. Sat/Sun 10 - .5, Monday 10 - 4.30. ***Advance Tickets Now Available from Squires** T & C's Apply*** Coming to York Show? Why not try Sunday?? or Monday??? The show is less busy - See more of the layouts and a lot easier to get to our stand!! :-)) **Plenty of FREE Parking**

April 22 LEIGH O SCALE NORTHWEST Leigh Sports Village, Sale Way, Leigh, Lancs **WN7 4JY** 10-4.30

April 22/23 - HORSHAM Crawley MRS M/Railway Ex, Tanbridge House School, Farthings Hill, Guildford Road, Horsham, RH12 1SR. Saturday 10-5, Sunday 10-4.30. ** PLENTY OF FREE PARKING **

April 22/23 - SUTTON COLDFIELD M/Railway Exhibition, Bishop Walsh School, Wyde Green Rd, Sutton Coldfield, B76 1QT . Plenty of FREE Parking. Sat 10-5, Sun 10-4.30.

April 28-30 - The 49th Bristol Model Railway Exhibition, The Thornbury Leisure Centre, Alveston Hill, Thornbury, Near Bristol, BS35 3JB. Friday 1pm - 7pm, Saturday 10 - 6.30pm, Sunday 10 - 5pm. Coming to Bristol Show? Why not try Saturday?? or Sunday??? The show is less busy - See more of the layouts and a lot easier to get to our stand!! :-)) **Plenty of FREE Parking**

May 6 - READING ALSR Modellers Trade Show and Exhibition, Rivermead Leisure Centre, Reading. **RG1 8EQ**. 10-4.30

May 14 - STAFFORD G Rail 2017 G-Scale Society Show, Stafford County Showground, Weston Rd, Stafford, **ST18 0BD**. Plenty of FREE Parking. Sun 10-5. Features Normal Squires Stand for all Scales

May 21/22 - MIDDLESBOROUGH Model Rail Exhibition, Settlement Community Centre, Union Street, Middlesborough, TS1 5NQ. Sat/Sun 10 - 5

June 3 - DONCASTER Gauge 'O' Guild Summer Show, The Dome Leisure Centre, Doncaster Lakeside, Bawtry Road, Doncaster, South Yorkshire, **DN4 7PD**. Sat 10 - 4.00.

June 3/4 - DONCASTER NORTHERN MODEL BOAT SHOW Doncaster Deaf Trust, Leger Way, Doncaster. DN2 6AY. Sat 10-5/Sun 10-4 Free Parking - Camping on Site (Chargeable) & Restaurant

June 3/4 - SHILDON, Model Railway Exhibition, Locomotion Museum, Shildon **DL4 1PQ** Sat/Sun 10 - 5pm.*Free Car Parking & Free Entry to Museum & Exhibition - Yes that's Free Entry!! :-))

June 10/11 - GLASGOW 'O' Gauge Model Railway Ex, Pollokshaws Burgh Hall, Pollokshaws Road, Glasgow, G43 1NE. Sat 10-4, Sun 11-4. *Free Parking, Close to Railway Stations*

June 24/25 - PERTH Model Railway Exhibition, Dewars Ice Rink, Perth, PH2 0TH Sat 10-5.30, Sun 10-5

Aug 5/6 - SOUTHWOLD Waveney Valley Model Railway Exhibition, Saint Felix School Southwold, IP18 6SD Sat 10 - 5pm Sun 10-4.30pm. **Plenty of FREE Parking.**

Aug 12 - BEXHILL Model Railway Exhibition, St. Richards Catholic College, Ashdown Road, Bexhill-on-Sea, East Sussex, TN40 1SE Sat 10-5. Plenty of FREE Parking on site.

Oct 7/8 - SHILDON, Model Railway Exhibition, Locomotion Museum, Shildon DL4 1PQ Sat/Sun 10 - 5pm. *Free Car Parking and Free Entry to Museum and Exhibition - Yes that's Free Entry!!!! :-))

Oct 7/8 - FAREHAM Fareham & District Model Railway Exhibition, Fareham Leisure Centre, Park Lane, Fareham, Hampshire, PO16 7JU. Saturday 10-5.30, Sunday 10.00 - 16.30.

Oct 14/15 - ALDERSHOT Farnham Model Railway Club Exhibition, Connaught Leisure Centre, Tongham Road,

Nov 4/5 - ANGMERING W.Sussex Area Group N Gauge Society Model Railway Exh, The Angmering School, Greenwood Drive, Station Rd, Angmering, BN16 4HH, Sat 10-5 Sun 10-4 *Now 2 Day Show Short Walk Angmering Station**

Please help us to help you! If you would like us to assemble an order for collection at Glasgow, which we are very pleased to do, please help us and place your order at least a week before the show. :-))

New Tools Shop Extension Opening Soon.

New Printed Mail Order Catalogue to be published soon - reserve your copy now.

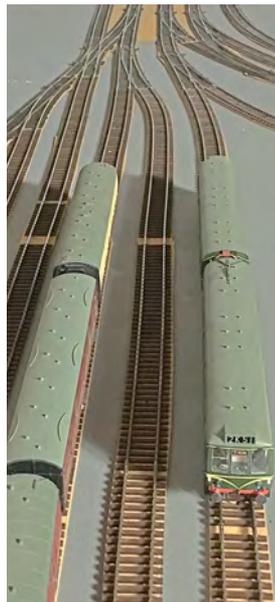
Exhibition Invitations always welcomed.

NEXT ISSUE

DART VALLEY JUNCTION



Visits to the Paignton and Dartmouth Steam Railway inspired Eric Austin to build this compact terminus scene in a shed. Covering just 9ft x 3ft, this characterful scene is one not to be missed.



RETURN LOOP STORAGE YARD

Sometimes conventions need to be pushed and for the storage yard for *Hornby Magazine's* new main line terminus layout we chose to build a return loop design. Mike Wild reveals why and how this substantial 9ft x 8ft yard came into being and how it works.

Middle Elmton

Peter Brackenbury's 'N' gauge layout models a busy junction station in the early 1960s, but it isn't quite how you would expect it to be. Next issue we discover the story behind this busy 16ft long exhibition layout.



THE NEXT ISSUE OF
HORNBY
magazine

is on sale January 12 2017

DON'T MISS IT!

PLUS

We'll be reviewing all the latest models, reporting the latest news, showcasing your layouts in Reader Projects, answering your questions in the Enquiry Office and taking you behind the scenes at the *Hornby Magazine* workshop to help you get the most out of your modelling projects.

We would like to wish all our customers a
VERY MERRY CHRISTMAS
 and a
HAPPY NEW YEAR



December releases

Class 68



4D-022-001/D/S - Class 68 Intrepid 68002 DRS / DCC / DCC & Sound
 4D-022-002/D/S - Class 68 Defiant 68005 DRS / DCC / DCC & Sound



All Class 68s are 1st Decorated Sample
 Copyright Dapol Ltd.

4D-022-005/D/S - Class 68 Daring 68006 Scotrail / DCC / DCC & Sound
 4D-022-006/D/S - Class 68 Valiant 68007 Scotrail / DCC / DCC & Sound



4D-022-003/D/S - Class 68 Chiltern 68010 / DCC / DCC & Sound
 4D-022-004/D/S - Class 68 Chiltern 68014 / DCC / DCC & Sound



4F-013-025 - Gunpowder Van - Rugby Cement 16



4F-013-026 - Gunpowder Van - Rugby Cement 16 Weathered



4F-018-015 - Salt Van - ICI 27



4F-018-016 - Salt Van - ICI 27 Weathered



4F-038-110 - 20T Steel Mineral - Margam 157



4F-038-111 - 20T Steel Mineral - Margam 157 Weathered



4F-071-136 - 7 Plank - Gresford Wrexham 225



4F-071-137 - 7 Plank - Gresford Wrexham 225 Weathered

A3 Flying Scotsman Booksets



- 2S-011-001 - A1 Flying Scotsman 4472 LNER Apple Green + 4 Teak Coaches Light Bar Fitted
- 2S-011-001D - A1 Flying Scotsman 4472 LNER Apple Green + 4 Teak Coaches Light Bar Fitted DCC
- 2S-011-002 - A10 Flying Scotsman 103 Wartime Black NE
- 2S-011-002D - A10 Flying Scotsman 103 Wartime Black NE DCC
- 2S-011-003 - A3 Flying Scotsman 60103 BR Express Blue Early Crest
- 2S-011-003D - A3 Flying Scotsman 60103 BR Express Blue Early Crest DCC
- 2S-011-004 - A3 Flying Scotsman 60103 BR Green E/C + 4 C & CM Coaches Light Bar Fitted
- 2S-011-004D - A3 Flying Scotsman 60103 BR Green E/C + 4 C & CM Coaches Light Bar Fitted DCC
- 2S-011-005 - A3 Flying Scotsman 4472 LNER Apple Green + 4 Maroon Coaches Light Bar Fitted
- 2S-011-005D - A3 Flying Scotsman 4472 LNER Apple Green + 4 Maroon Coaches Light Bar Fitted DCC



2F-034-031 - 21T Hopper - Pilkington 1974



2F-034-032 - 21T Hopper - Pilkington 1974 Weathered



2F-071-038 - 7 Plank - W D Naval Stores 336



2F-071-039 - 7 Plank - W D Naval Stores 336 Weathered

O Gauge

OO Gauge

N Gauge

Product Scale Key

All product release dates correct at time of going to press

dapol

15% DISCOUNT ON ALL DAPOL PRODUCTS PURCHASED THROUGH DAPOL

collectors

ANNUAL OPEN DAY

club

4 NEWSLETTERS PER YEAR

ONLY £25 PER YEAR

IN GAUGES 'N' 'OO' & 'O'

FOR MORE INFORMATION CONTACT ANDREA / NEIL ON 01691 774455 OPTION 1 OR EMAIL club@dapol.co.uk

SPECIAL COMMISSION WAGONS

- YOUR CHOICE OF DAPOL BODY
- YOUR CHOICE OF LIVERY
- TURN AROUND IN JUST 3 MONTHS
- FROM JUST 100 IDENTICAL MODELS IN 'OO' OR 'N' 25 IN 'O'
- FOR MORE DETAILS CONTACT CLAIRE ON 01691 774455 OPTION 1 OR EMAIL studio@dapol.co.uk



Construct your layout in 5 easy steps!

The **Layout System** is our most advanced foam system which takes the guesswork out of designing and building a layout. The **Sub Terrain Manual (WST1402)** provides detailed instructions for using this system.

- **No experience necessary!**
- **No complicated calculations!**
- **No expensive power tools!**
- **Online Tutorials** - click on the YouTube logo on our homepage for tutorial videos



1. Risers

- Elevate the track from a flat surface to create low-lying areas.



Product No.	Qty	Height
WST1406	4 per pack	1/2" (1.27cm)
WST1414	4 per pack	3/4" (1.9cm)
WST1407	4 per pack	1" (2.54cm)
WST1408	4 per pack	2" (5.08cm)
WST1409	2 per pack	4" (10.1cm)

**Each piece is 2 1/2" W x 24" L (6.35cm x 60.9cm)*

2. Inclines/Declines

- Provide the proper change in elevation so your train runs smoothly.

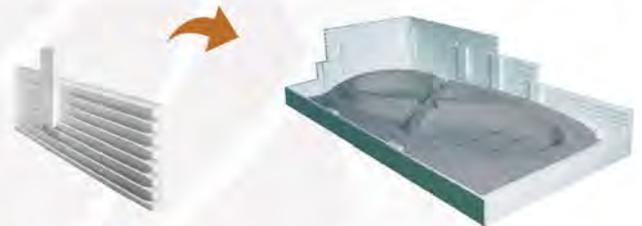


Product No.	Qty	Description
WST1410	8/set	2% Elevation Set
WST1416	6/set	3% Elevation Set
WST1411	4/set	4% Elevation Set

**Each piece is 2 1/2" W x 24" L (6.35cm x 60.9cm)*

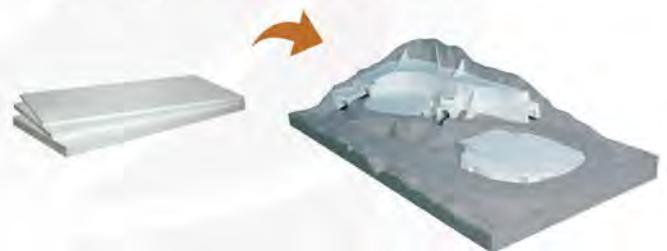
3. Profile Boards

- Use Profile Boards (**WST1419**) to add sides and create terrain contours with the Hot Wire Foam Cutter (**WST14402**).



4. Foam Sheets

- Create flat areas, tunnels and layout bases.



Product No.	Qty	Thickness
WST1422	1 pc	1/4" (6mm)
WST1423	1 pc	1/2" (1.27cm)
WST1424	1 pc	1" (2.54 cm)
WST1425	1 pc	2" (5.08 cm)
WST1426	1 pc	3" (7.62 cm)
WST1427	1 pc	4" (10.1cm)

**Each piece is 12" W x 24" L (30.4cm x 60.9cm)*

5. Plaster Cloth

- Use Plaster Cloth (**WC1203**, **WC1192**, **WC1193**) as a convenient method for modelling lightweight landforms and terrain base.