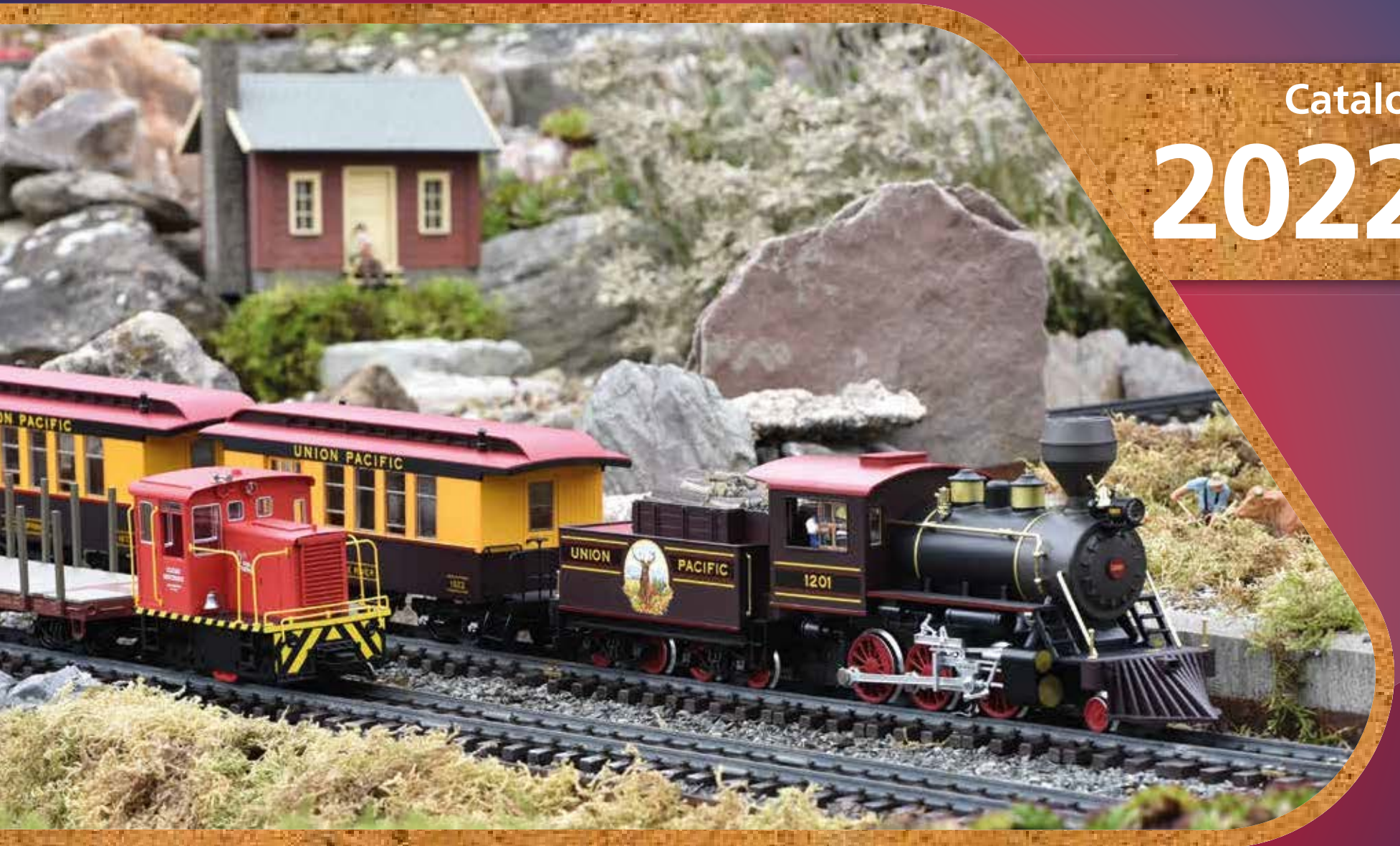




PIKO

Catalog

2022





Dear PIKO G-Scale Friends:

This is indeed a fascinating hobby! Whether you're just getting started, or you've been building your own railroad empire for many years, we're happy to welcome you into the world of PIKO G-Scale trains and accessories for 2022. We hardly thought it possible, that the garden railroad and G-Scale train hobby could grow so much in 2021, but thanks to people like you, it grew by leaps and bounds. And that kept your PIKO team very busy, bringing record numbers of products to market and staying in touch with so many PIKO fans.

Across North America and around the world, we've seen how much people love to share their garden railroading hobby with others, and build new friendships right along with building a railroad. And one thing our PIKO friends share with us frequently is their wishes and dreams for new PIKO products. That continued input is very important to our efforts in developing new products, for 2022 and beyond. This catalog presents more than 50 exciting G-Scale new items for the year. And rest assured, there are still many more surprise new items yet to be revealed later in the year!

2021 brought some much-appreciated additions to the PIKO G-Track program, the completely new R3 switches, to fit with our R3 curves, which are almost exactly six feet in diameter. It was fitting that the PIKO brand brought you these industry-firsts, which fill a big need in the market for mid-size switches. These have already found homes on countless G-Scale railroads.

Of course, we also brought you plenty of exciting new trains throughout the past year, from the unique German "Glass Train" to elaborately

decorated Mogul locomotives recalling colorful railroading history - from the mighty Pennsylvania Railroad to the storied Union Pacific. But enough about what we've done recently! Here are some brief highlights of what's coming down the tracks in 2022 from PIKO:

For fans of German trains, steam will reign once again with the impressive new model of the big BR 94 steam loco. PIKO engineering allows those 10 drive wheels to run smoothly around even the smallest R1 curves. And the selection of locos factory-equipped with decoders and digital sound will expand this year as well.

Among other things, American railroad fans will be treated to another industry-first from PIKO – our popular 25-Ton diesel locos, now factory-equipped for onboard battery-powered operation, with built-in radio control from our easy-to-use PIKO R/C, plus all-new and incredibly realistic, powerful digital sound. These locos are truly marvels of engineering, squeezing all this technology into such a compact space. And they will come decorated in a variety of "flavors" to suit many tastes.

Speaking of decoration, our advanced technology for placing stunning color graphics on our trains has been impressing people for years, with things like our much-loved Christmas and Halloween cars. And our Vintage Warbirds series, which has been wildly popular in the past couple years, will continue expanding in 2022. We've been particularly touched to hear so many wonderful stories from PIKO fans about family members and friends who were associated with certain planes.

Factory and model photos: Falk Hummel
(www.foto-hummel.de)

A special thanks to the following families:
F. Sauerteig of Sonneberg, H. Müller of Schichtshöhn and Hynek
of Schalkau, as well as Eisenbahnwelten Rathen
(www.eisenbahnwelten-rathen.de) for their gracious assistance
with catalog images.

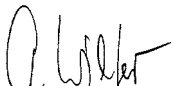
© 2022, PIKO Spielwaren GmbH

Before this catalog even went to press, beautiful new Easter hopper cars were on the way from Germany to America, so they could be available in time to carry loads of eggs or candy. And the American Traditions series which started in late 2021 will also grow this year. These cars feature varied themes from American history, like the Declaration of Independence, to railroad folk heroes like John Henry, to that most American of all sports, baseball.

Because PIKO fans have widely varying interests, PIKO products provide something to appeal to many different personalities. And just as the idea of a train running around a track brings people together, some common threads bind all those varied PIKO products together. Each one features a certain unmistakable PIKO combination of artistry, technology, craftsmanship and value. The PIKO name on the package is the first hint that something special is inside, because our customers and friends have come to expect nothing less.

It takes a veritable army to bring the requests of PIKO fans to life, and deliver them to your railroad. On behalf of the hundreds of PIKO employees in America, Germany and worldwide, we invite you to page through your PIKO catalog and envision the G-Scale railroad of your dreams!

Andrea, Ortrun and Dr. René F. Wilfer


Ortrun D. Wilfer


Andrea Wilfer


Dr. René F. Wilfer



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PIKO G-TRACK

LOCOMOTIVES

CARS

PIKO R/C, PIKO-DIGITAL

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











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-  Direct current
-  DC/DCC Decoder-Equipped
-  Digital decoder-ready
-  Length over buffers
-  Weight
-  Directional Lights
-  Directional lights white/red
-  Directional Lights LEDs
-  Directional lights white/red LEDs
-  Directional lights red/red LEDs
-  Interior Lighting-ready
-  Interior Lighting
-  Running gear lights
-  Number of motors
-  Ball bearing motor
-  Smoke Unit - ready
-  Smoke Unit-Equipped
-  Number of traction tires
-  Recommended minimum radius
-  Hard-chromed wheels
-  Ball bearing, hard-chromed wheels

-  Metal wheel sets for Cars available
-  Sound-ready
-  Sound-Equipped
-  Radio Control
-  incl. PSD XP 5.1
-  incl. PSD XP 5.1 Sound
-  End of Range (available as long as stocks last)
-  Limited Availability (as long as stock lasts)

Railways

- B, SNCB** Belgian State Railway
- CFL** Luxembourg State Railway
- DB** German Federal Railway
- DB AG** German Federal Railway Inc.
- DR** German Imperial Railway,
- NS** Dutch State Railway
- ÖBB** Austrian Federal Railway
- PKP®** Polish State Railway
- RENFE** Spanish State Railway
- SBB** Swiss Federal Railway

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Disclaimer:

While every effort has been made to ensure the accuracy of information in this catalog, PIKO America LLC and PIKO Spielwaren GmbH assume no responsibility for any errors. Products, specifications, technical details and availability subject to change without notice.

Private Railways

- CFL Cargo** Luxemburgisches, internationales Unternehmen
- C&S** Colorado & Southern
- CTL Cargo** Trans Logistik AG
- EGP** Eisenbahngesellschaft Potsdam
- HSB** Harzer Schmalspurbahnen
- MRCE** Mitsui Rail Capital Europe B.V.
- MWB** Mittelweserbahn
- On Rail** Private Wagon-Vermietgesellschaft Mettmann
- PEG** Prignitzer Eisenbahn GmbH
- B&O** Baltimore & Ohio
- CN** Canadian National
- D&RGW** Denver & Rio Grande Western*
- NYC** New York Central
- RDG** Reading Lines
- PRR** Pennsylvania Railroad
- SF** Santa Fe
- SP** Southern Pacific*
- UP** Union Pacific Railroad Company*
- WP&YR** White Pass & Yukon Route
- WP** Western Pacific*

* Produced under trademark license from Union Pacific Railroad Company.

Periods

- I** **Period I 1835 – 1925**
First railways were built and numerous state and private railways founded.
- II** **Period II 1925 – 1945**
Founding of large state railway companies such as DRG, BBÖ or SBB. Regulations were synchronised and standards of construction established. First electric operation.
- III** **Period III 1945 – 1970**
Reconstruction and recovery from war damage to the railways. Steam locos began to be replaced by diesel and electric locos. Construction of passenger coaches and goods trucks in cooperation with other state railways.
- IV** **Period IV 1970 – 1990**
End of steam operation. Introduction of computer-oriented classifications on locos and other vehicles. Pre-war equipment taken out of service.
- V** **Period V 1990 – 2007**
Beginning of the ICE age. Fusion of DB and DR. Introduction of "traffic red". Reorganisation of the railway into business divisions. Modern locos and motor coaches taken into service.
- VI** **Period VI 2007 – today**
Besides traditional railroad companies, many private railroad transit companies also travel existing railroad networks in national and international transport with their own vehicles. Introducing the 12-digit UIC numbering system.



QUALITY HIGHLIGHTS



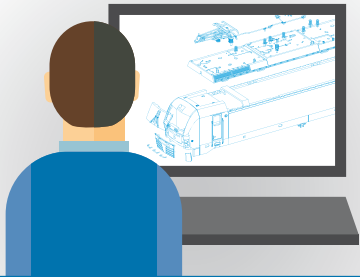
Separately attached grab rails

Directional constant-intensity LED lighting

Authentic and comprehensive lettering and decoration

Many models with ball bearings on driven axles and hard-chrome plated wheels for improved power pickup

Locomotives with enclosed gearboxes, precision "can" type motors and reliable gear drive for smooth, long-lasting performance.



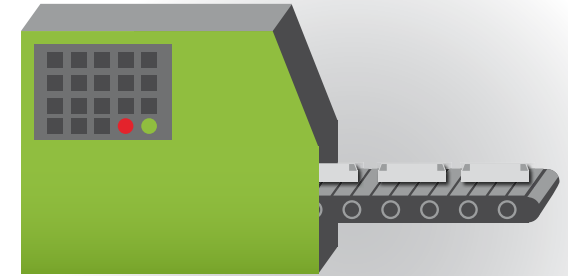
Design

Model design according to the dimensions and engineering drawings of the original.



Moldshop

Highly skilled machinists combine computer-aided milling with painstaking hand work to make hardened steel molds for plastic injection.



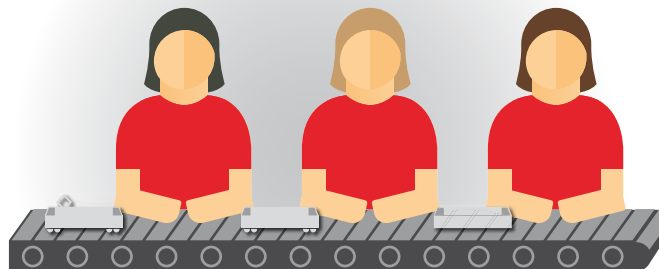
Plastic Injection

The high level of detail in today's plastic parts was unthinkable just a few years ago.



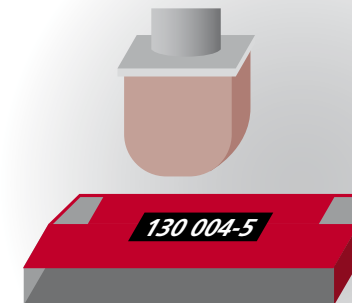
Logistics

Packing and delivery of locos and cars, tracks and buildings to retailers and customers all over the world.



Assembly

Assembly involves fitting many delicate detail parts and multiple quality control checks.



Printing

Giving a model colorful and accurate decorations often takes over 40 painting and printing steps.

STARTER SETS



STARTER SETS

- > Robust technology
 - > Excellent operating characteristics
 - > High degree of realism
 - > Weather-resistant materials for indoor/outdoor use
 - > Everything needed is included – Locomotive, cars, track, power supply and more



See this and more great starter sets on the following pages.



38152 North Pole Hauler R/C Starter Set



Contents 38152/38153:

- 1 x 25 Ton Diesel Loco
- 2 x Freight Cars
- 1 x R/C Track Power Controller
- 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA
- 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
- 1 x 35270 Track Power Clamp
- 1 x 35285 Track Clips, 14 pcs.
- 1 x R/C Pocket Remote

The R/C sets on these two pages include:

Starter Sets on these pages with the "PIKO R/C" designation feature a simple R/C track power controller and pocket remote for easy wireless walk-around control of train speed and direction, as well as accessory power and emergency stop. This R/C Track Power Controller can also operate other locos, with no loco modification.

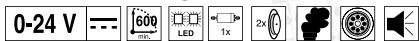


38153 Halloween Hauler R/C Starter Set Includes "glow-in-the-dark" highlights

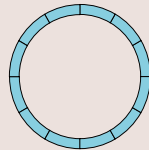




38112 D&RGW Passenger R/C Starter Set with 2 Passenger Cars and Analog Sound & Smoke



For all Starter Sets:



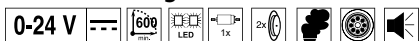
Floor area: \varnothing 51.18"
Minimum area for assembly: \varnothing 59.06"

Contents 38112/38123:

- | | |
|---|--|
| 1 x Steam Loco with Analog Sound | 1 x R/C Pocket Remote |
| 2 x Passenger Cars (only for 38112) | 1 x Safety-Approved 120 V Transformer
24 V DC / 45 VA |
| 3 x Freight Cars (only for 38123) | 1 x 36039 Uncoupling Wand |
| 12 x 35211 R1 (Curve Track R1 600 mm / 23.6") | 1 x Smoke Fluid (10 ml) |
| 1 x 35270 Track Power Clamp | 2 x 35268 Track Magnets |
| 1 x 35285 Track Clips, 14 pcs. | |
| 1 x R/C Track Power Controller | |

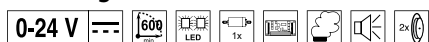


38123 Christmas Freight R/C Starter Set with 3 Freight Cars and Analog Sound & Smoke





38107 PRR Freight R/C Starter Set 120V



Contents 38107/38108

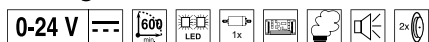
- 1 x Steam Loco
- 2 x Freight Cars
- 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
- 1 x 35270 Track Power Clamp
- 1 x 35285 Track Clips, 14 pcs.
- 1 x R/C Pocket Remote
- 1 x R/C Track Power Controller
- 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA

The R/C sets on these two pages include:

Starter Sets on these pages with the "PIKO R/C" designation feature a simple R/C track power controller and pocket remote for easy wireless walk-around control of train speed and direction, as well as accessory power and emergency stop. This R/C Track Power Controller can also operate other locos, with no loco modification.



38108 SF Freight R/C Starter Set 120V



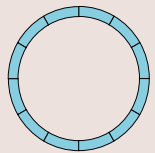
**NEW
2022**



38109 White Pass & Yukon Freight R/C Starter Set with Sound & Smoke



For all Starter Sets:



Floor area: Ø 51.18"
Minimum area for
assembly: Ø 59.06"

Contents 38109:

- | | |
|---|---------------------------------------|
| 1 x Steam Loco | 1 x R/C Track Power Controller |
| 2 x Freight Cars | 1 x Safety-Approved 120 V Transformer |
| 12 x 35211 R1 (Curve Track R1 600 mm / 23.6") | 24 V DC / 45 VA |
| 1 x 35270 Track Power Clamp | 1 x 36039 Uncoupling Wand |
| 1 x 35285 Track Clips, 14 pcs. | 1 x Smoke Fluid (10 ml) |
| 1 x R/C Pocket Remote | |





Developed in exclusive cooperation with Circus Roncalli



37154 Circus Roncalli R/C Starter Set, battery-powered

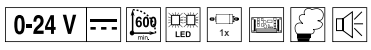


The 37154 Circus Roncalli Starter Set is completely battery-powered and includes a pocket remote for easy wireless walk-around control of train speed, direction and emergency stop. 6x 'AAA' batteries (not included, high-capacity rechargeables are recommended) give up to two hours run time. The front of the engine hood opens up for easy access to the quick-change battery clip inside.

- Contents 37154:
- 1 x 25 Ton Diesel Loco
 - 2 x Freight/Passenger Cars
 - 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
 - 1 x 35270 Track Power Clamp
 - 14 x 35285 Track Clips
 - 1 x R/C Pocket Remote



37100 DB III BR 80 Ore Starter Set



- Contents 37100:
- 1 x Steam Loco
 - 2 x Freight Cars
 - 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
 - 1 x 35270 Track Power Clamp
 - 14 x 35285 Track Clips
 - 1 x Analog Throttle
 - 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA



38130 Classic BR 80 Steam Passenger Starter Set

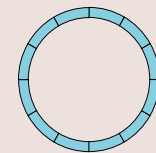


Contents 38130:

- 1 x Steam Loco
- 2 x Passenger Cars
- 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
- 1 x 35270 Track Power Clamp

- 14 x 35285 Track Clips
- 1 x Analog Throttle
- 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA
- 1 x 36039 Uncoupling Wand

For all Starter Sets:



Floor area: Ø 51.18"
Minimum area for assembly: Ø 59.06"



38151 Industrial Starter Set



Contents 38151:

- 1 x 25 Ton Diesel Loco
- 2 x Freight Cars
- 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
- 1 x 35270 Track Power Clamp

- 14 x 35285 Track Clips
- 1 x Analog Throttle
- 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA

These PIKO G-Starter Sets come complete with everything required to enter into the world of G-Scale railroading - a powerful locomotive, cars, a full circle of brass track, power hookups, throttle and safety-approved transformer. It's easy to just open the package, assemble the set (no tools needed!) and start running trains. PIKO G trains and accessories are built of incredibly tough weather-resistant materials for years of enjoyment indoors or out.



38121 DR III V20 Freight Starter Set with Analog Sound



Contents 38121:
1 x Model car Trabant



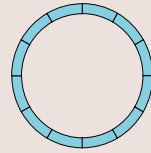
38126 DB III V20 Passenger Starter Set with Analog Sound



Contents (for all starter sets on these two pages):

- 1 x Diesel Loco/Steam Loco
- 2 x Freight/Passenger Cars
- 12 x 35211 R1 (Curve Track R1 600 mm / 23.6")
- 1 x 35270 Track Power Clamp
- 14 x 35285 Track Clips
- 1 x Safety-Approved 120 V Transformer 24 V DC / 45 VA
- 1 x Analog Throttle
- 2 x 35268 Track Magnets
- 1 x 36039 Uncoupling Wand

For all Starter Sets:



Floor area: Ø 51.18"
Minimum area for assembly: Ø 59.06"



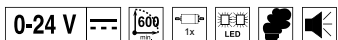
38120 DB III BR 80 Freight Starter Set with Analog Sound and Smoke



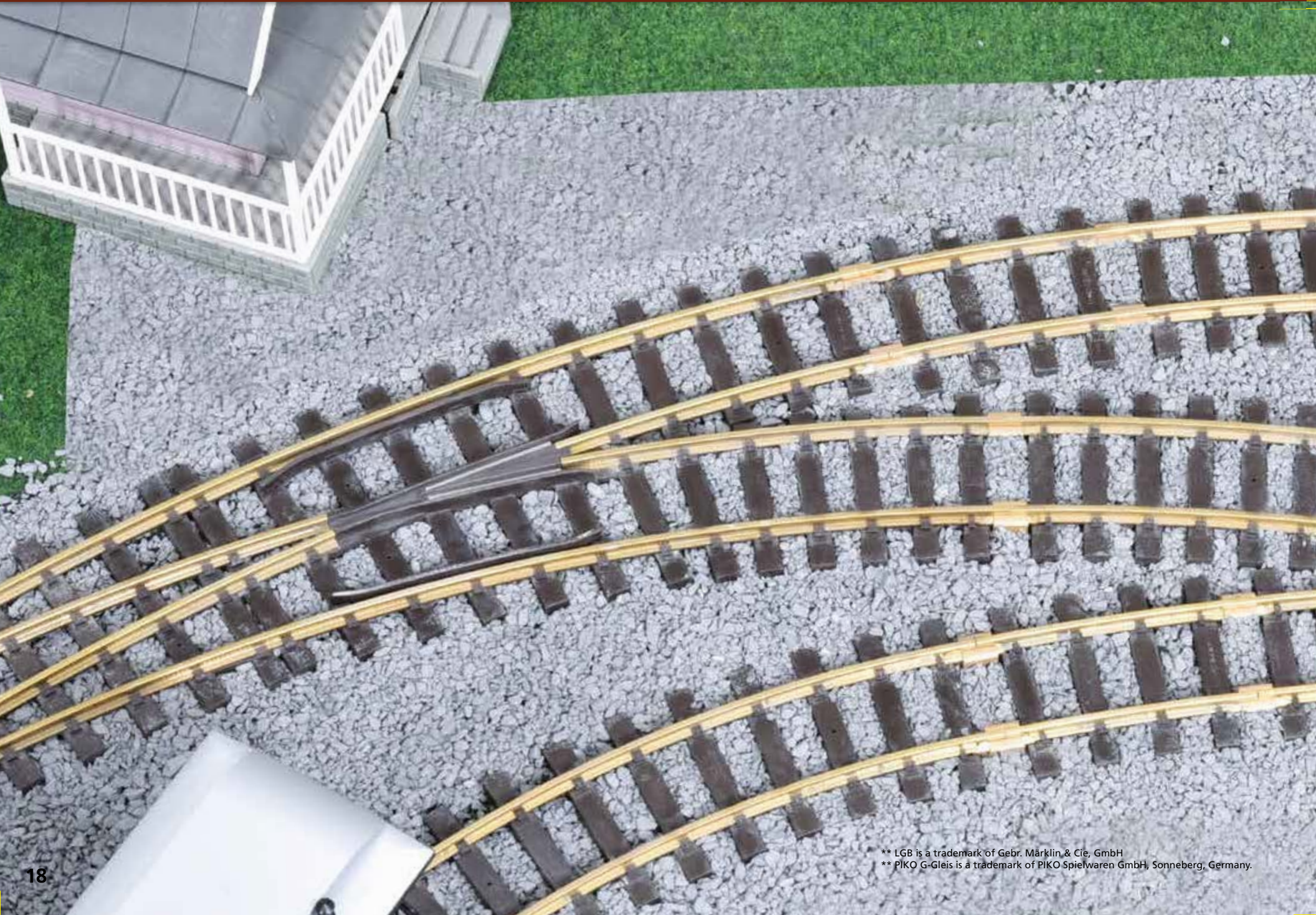
Contents 38120:
1 x Smoke Fluid (10 ml)

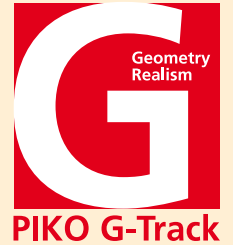


38125 DR III BR 80 Passenger Starter Set with Analog Sound and Smoke



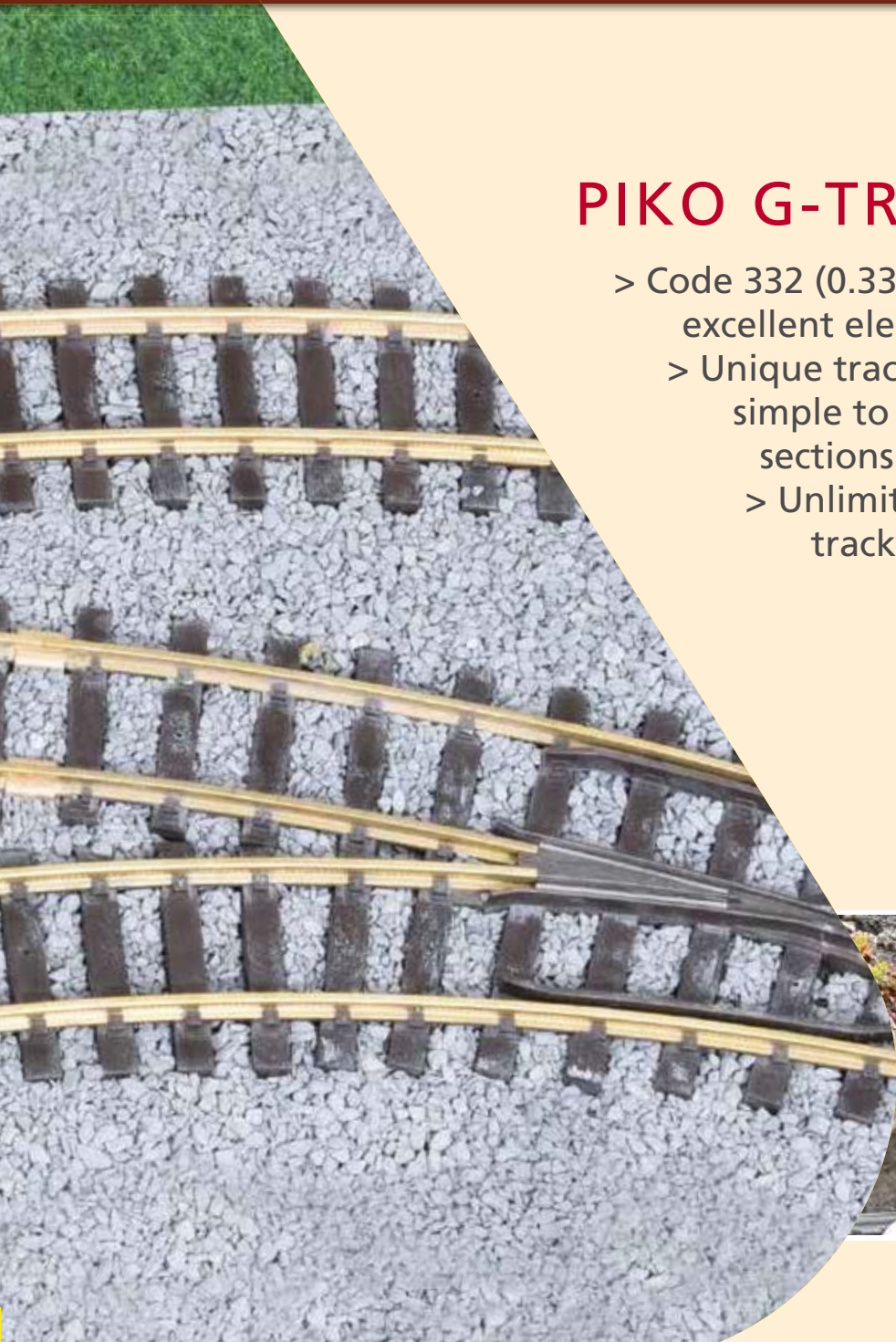
Contents 38125:
1 x Smoke Fluid (10 ml)

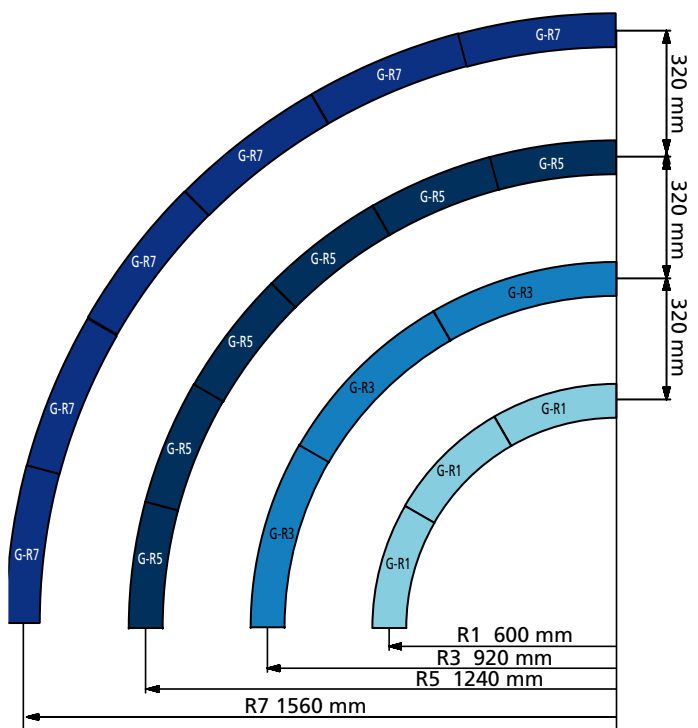
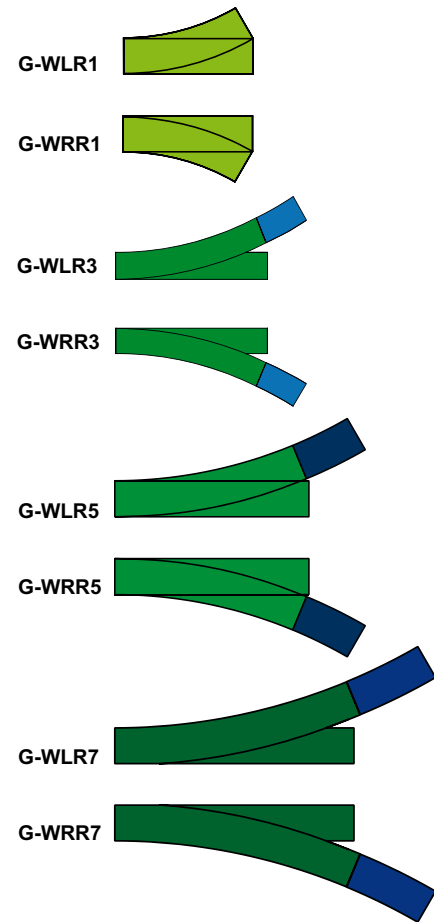
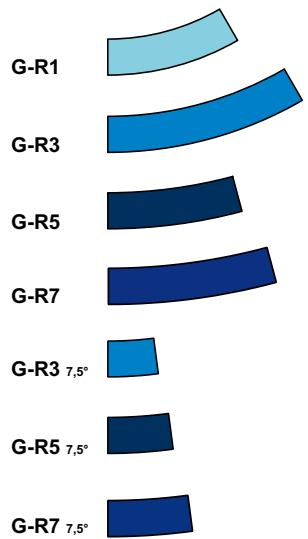
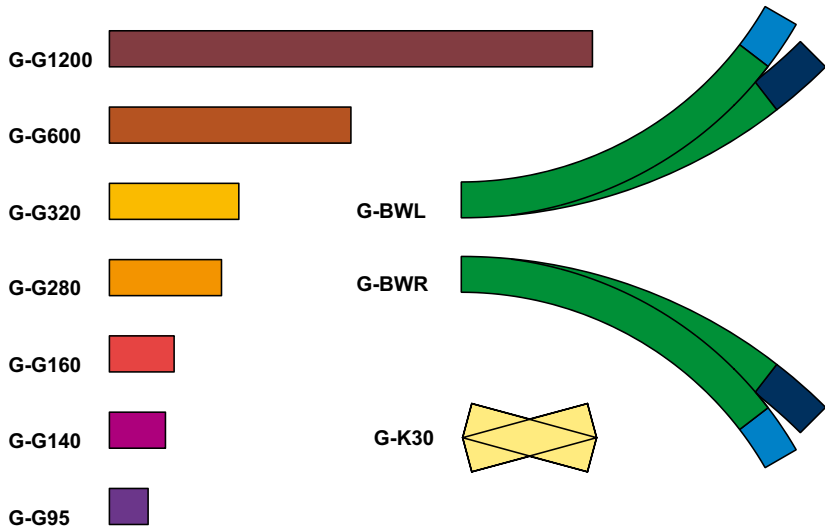




PIKO G-TRACK

- > Code 332 (0.332" high) solid rails of pure, virgin brass for excellent electrical conductivity.
- > Unique track geometry makes even complex track plans simple to build with only a few different types of track sections.
- > Unlimited possibilities due to full compatibility with track from other brands like LGB** and others.





- 35200 G-G320 Straight Track, 12.66" (320 mm)
- 35201 G-G280 Straight Track, 10.96" (280 mm)
- 35202 G-G160 Straight Track, 160 mm (6.30")
- 35203 G-G140 Straight Track, 140 mm (5.48")
- 35204 G-G95 Straight Track, 95 mm (3.74")
- 35209 G-G1200 Straight Track, 47.24" (1200 mm)
- 35208 G-G600 Straight Track, 23.62" (600 mm)
- 35211 G-R1 Curved track 30°, r = 23.62" (600 mm)
- 35213 G-R3 Curved track 30°, r = 920 mm (36.28")
- 35215 G-R5 Curved track 15°, r = 1240 mm (48.94")
- 32516 G-R5 7,5° Curved track 7,5°, r = 1200 mm (48.82")
- 35218 G-R7 7,5° Curved track 7,5°, r = 1565 mm (61.60")

- 35240 G-K30 Crossing, 30°
- 35220 G-WLR1 Manual Switch, Left, R1, 30°
- 35221 G-WRR1 Manual Switch, Right, R1, 30°
- 35228 G-WLR3 Manual Switch, Left, R3, 22,5°
- 35229 G-WRR3 Manual Switch, Right, R3, 22,5°
- 35222 G-WLR5 Manual Switch, Left, R5, 22,5°
- 35223 G-WRR5 Manual Switch, Right, R5, 22,5°
- 35226 G-WLR7 Manual Switch, Left, R7, 22,5°
- 35227 G-WRR7 Manual Switch, Right, R7, 22,5°
- 35224 G-BWL Manual Curved Switch, Left
- 35225 G-BWR Manual Curved Switch, Right

The 23.62" Grid – The Starting Point

The PIKO G-Track design is based on a 23.62" x 6.30" (600 x 160 mm) grid. These dimensions were not chosen at random. They are the result of extensive computer-aided engineering with the goal to satisfy the requirements of beginners and advanced hobbyists alike.

With this grid, almost all track designs can be realized without the need for short adapter pieces. This includes elegant turnouts on the straight or on curves, as well as parallel tracks at various distances that allow the use of existing accessories, such as platforms.

The simple grid system eliminates the need for complicated design charts. Instead layouts can be designed on ordinary graph paper to determine the track elements required.

The Track Design. The outstanding feature of PIKO G-Track's design is that it only requires a small set of different track elements. Neither switches nor crossovers require the installation of short adapter pieces, which often cause uneven running and electrical contact problems.

For straight track the grid's base length of 23.62" (600 mm) is partitioned into two sections that are 12.66" (320 mm) and 10.96" (280 mm) in length. This makes it possible to have parallel tracks connected by two turnouts without any extra adapter pieces.

The Track PIKO G-Track rails are made from high quality, pure, virgin brass. The ample cross-section of solid Code 332 rail allows for optimal conductivity with minimal voltage loss, even over long distances. The brass rail joiners create a secure and durable connection between sections and ensure good electrical contact at the joints.

The ties are made of ultra-violet stabilized HDPE plastic, which is characterized by its high impact resistance, noise reduction properties and resistance to cracking under stress.

Track Identification In addition to the item number, the PIKO G-Track system uses track element names such as G-G320. These names identify the elements in the various track diagrams. In addition to its name, each track section has an associated color that is used in track diagrams, brochures, catalogs, and on the boxes. This makes it easy to identify the desired piece of track.

Straight Track The PIKO G-Track system normally requires only two straight track sections: G-G320 and G-G280. When joined these two sections form the grid's 600 mm base length. The other straight track sections, such as G-G160 and G-G140, can be used anywhere but are only necessary when creating more complex track layouts.

Flex track For construction of smooth flowing curves with any desired radius, the PIKO G-Track system also includes flex track. It is assembled from individual rails and tie strips. Using the G-SB280 and G-SB320 tie strips with the G-P1500 or G-P3000 rail sections, you can build your own flex track.

Please note: A rail bending tool is required to accurately bend the flex track to a desired radius, but long straight tracks can be easily built without tools.

The Curves The PIKO G-Track offers 4 basic radii that are spaced 320 mm apart.

G-R1 curved track 30°, r = 23.62" (600 mm)

G-R3 curved track 30°, r = 36.28" (921.54 mm)

G-R5 curved track 15°, r = 48.94" (1,243.08 mm)

G-R7 curved track 15°, r = 61.60" (1,564.62 mm)

To form a complete circle (360°), 12 curved track sections are required for the radii G-R1 and G-R3 and 24 for the radii G-R5 and G-R7. The 12.66" (320 mm) distance between tracks ensures that even on radius G-R1 and G-R3 long rolling stock can pass without interference.

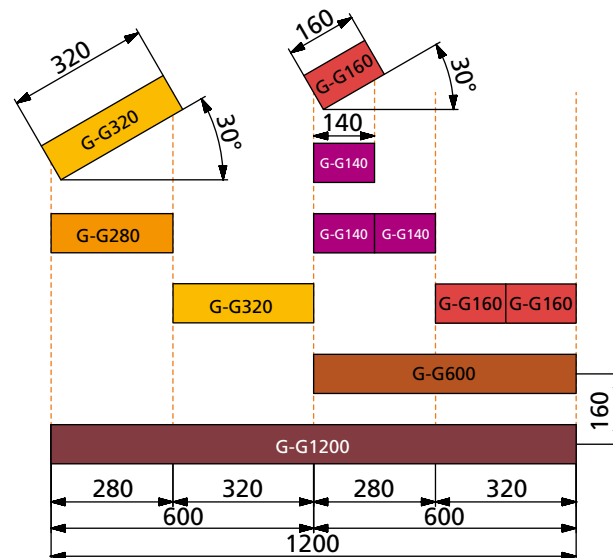
Curved Track for Switches To get from a switch to a parallel track (such as on a passing siding) while maintaining the grid's base distance of 6.34" (160 mm), a single G-R1 curved track section is required.

Switches All PIKO G-Track switches can be operated as manual or electric switches. By attaching an electric switch machine, any switch easily converts to electrical operation.

Details The finely reproduced spike and bolt, which secure the rail to the tie in the original, are designed so that standard compliant wheel sets run smoothly over all elements of the PIKO G-Track.

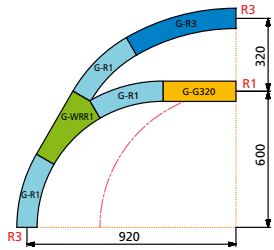
Laying Track The sturdy, high quality, brass rail joiners ensure that PIKO G-Track can be laid on almost any surface, even indoor carpet or across a lawn in the garden.

Power Hook-up The easiest way to hook up power to the PIKO G-Track is the Power Clamp (#35270). It can be attached to any track section.

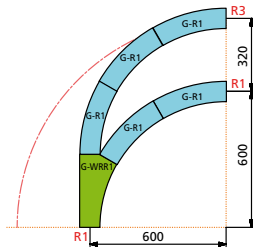


FROM ONE TRACK TO THE NEXT ...

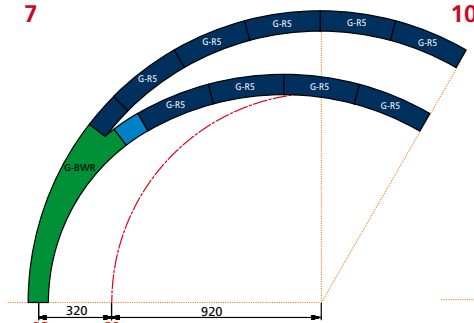
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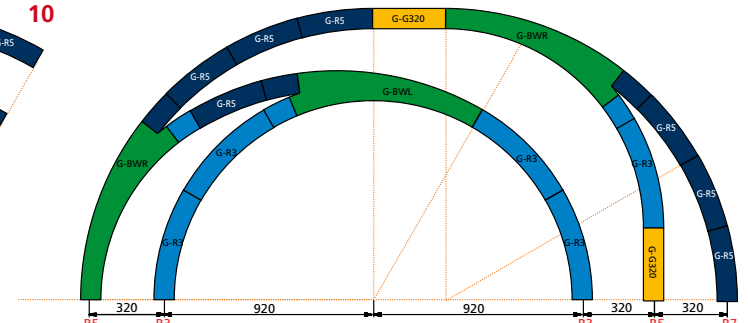
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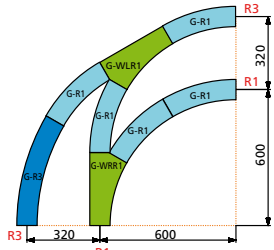
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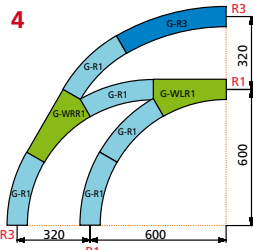
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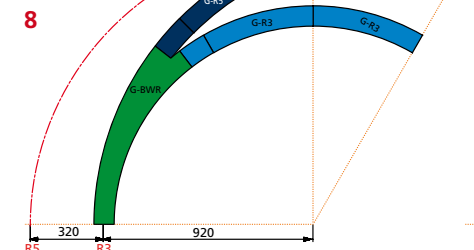
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4



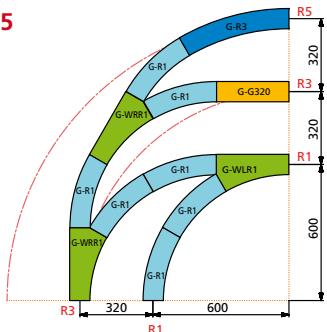
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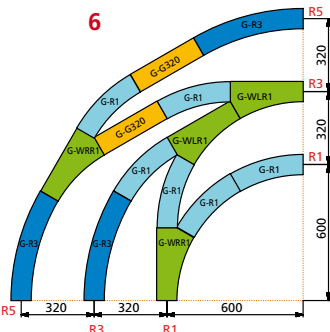
Geometry Examples (clockwise):

- 1 From Radius R3 to R3 or R1
- 2 From Radius R1 to R1 or R3
- 3 From Radius R1 to R1 or R3 and from R3 to R3
- 4 From Radius R1 to R1 and from R3 to R1 or R3
- 5 From Radius R1 to R1 and from R3 to R1 or R3 or R5
- 6 From Radius R1 to R1 and from R3 to R3 and from R5 to R3 or R5
- 7 From Radius R5 to R5 or R3
- 8 From Radius R3 to R5 or R3
- 9 From Radius R5 to R5 and from R3 to R5 or R3
- 10 From Radius R3 to R3 and from R5 to R3 or R5 or R7
- 11 "Unequal" Figure 8 layout with R1 and R3 radius
To build an "Equal" Figure 8 layout, simply build the desired half twice and join the two halves with the K30, #35240 30° crossing.

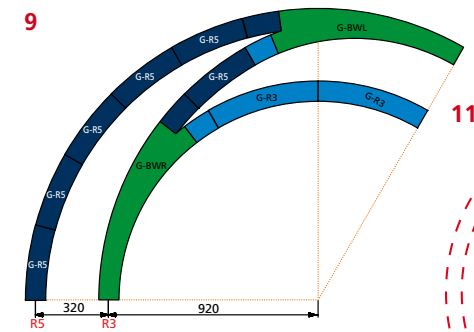
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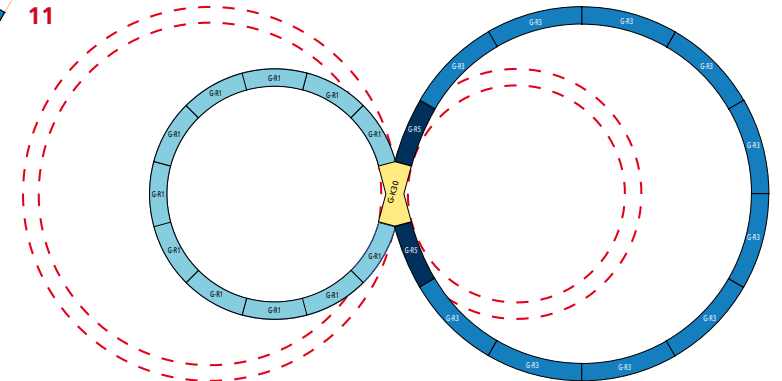
6

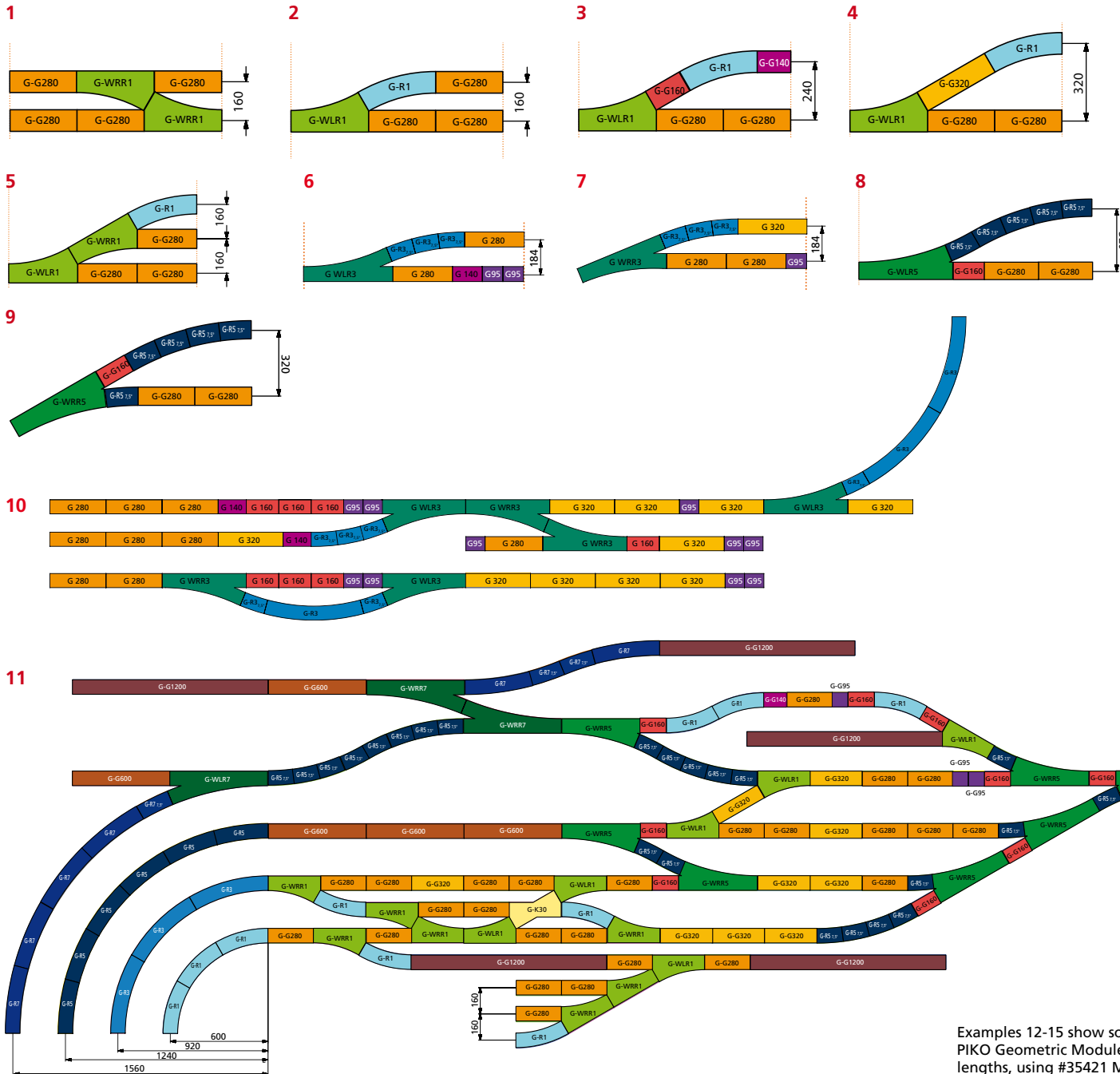


9



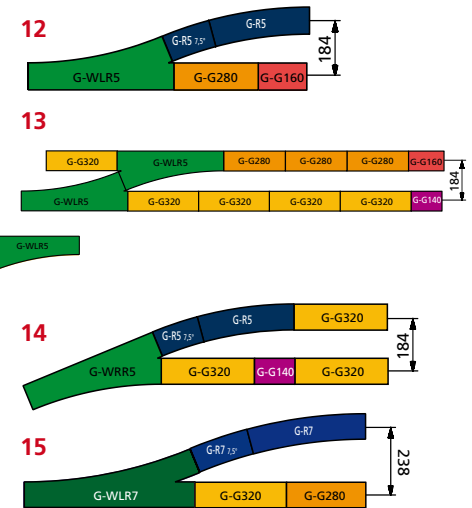
11





Geometry Examples:

- 1 R1 Single crossover from one track to a parallel track
- 2 R1 Transition from one track to a parallel track
- 3 R1 Transition from one track to a parallel track with larger spacing (for platform)
- 4 R1 Transition from one track to parallel track with double spacing
- 5 R1 Transition from one track to 3 parallel tracks
- 6 R3 Transition from one track to a parallel track
- 7 R3 Transition from one track from Radius R3 to parallel track
- 8 R5 Transition from one track to parallel track with double spacing
- 9 R5 Transition from one track from Radius R5 to parallel track with double spacing
- 10 Example of station tracks using R3 switches.
- 11 Complex yard area with parallel track spacing
- 12 R5 Single crossover from one track to a parallel track with minimum spacing
- 13 R5 Transition from one track to a parallel track with minimum spacing
- 14 R5 Transition from one track from Radius R5 to parallel track with minimum spacing
- 15 R7 Transition from one track from Radius R7 to parallel track with minimum spacing



Examples 12-15 show some popular arrangements, but do not fit exactly to the PIKO Geometric Module. In some situations, it may be desirable to modify track lengths, using #35421 Mini-Hacksaw and #35290 Metal Rail Joiners.

Straight Track

G-320
35200

35200 Straight Track, 12.6" (320 mm)
Exact Length 12.66" (321.54 mm).
G-320 + G-280 make up the module length of 23.62" (600 mm)

G-280
35201

35201 Straight Track, 11" (280 mm)
Exact Length 10.96" (278.46 mm).
G-280 + G-320 make up module length of 23.62" (600 mm)

G-160
35202

35202 Straight Track, 6.3" (160 mm)
Exact Length 6.33" (160.77 mm).
Half of the G-320 section length

G-140
35203

35203 Straight Track, 5.5" (140 mm)
Exact Length 5.48" (139.23 mm).
Half of the G-280 section length

G-95
35204

35204 Straight Track, 3.75" (95 mm)
Exact Length 3.79" (96.15 mm)

G-600
35208

35208 Straight Track, 23.6" (600 mm)
Exact Length 23.62" (600 mm).
This is the standard PIKO G-Track module of 23.62" (600 mm)

G-1200
35209

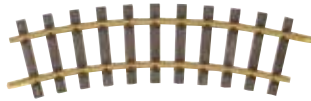
35209 Straight Track, 47.25" (1200 mm)
Exact Length 47.24" (1200 mm).
Double the standard G-Track module of 23.62" (600 mm)

CURVE TRACK SECTIONS

Curved Track

G-R1

35211

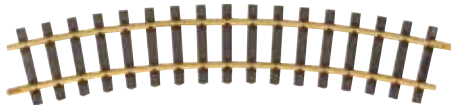


35211 Curve Track, R1 23.6" R (600 mm)

Exact Center Line Radius = 23.62" (600 mm)
30° per section / 12 sections per circle

G-R3

35213

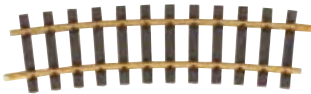


35213 Curve Track, R3 36.25" R (920 mm)

Exact Center Line Radius = 36.28" (921.54 mm)
30° per section / 12 sections per circle

G-R5

35215



35215 Curve Track, R5 49" R (1240 mm)

Exact Center Line Radius = 48.94" (1243.08 mm)
15° per section / 24 sections per circle

G-R7

35217

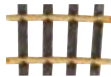


35217 Curve Track, R7 61.6" R (1565 mm)

Exact Center Line Radius = 61.6" (1564.6 mm)
15° per section / 24 sections per circle

G-R3 7,5°

35214

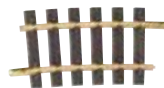


35214 Curve Track, R3 7.5° 36.25" R (920 mm)

Exact Center Line Radius = 36.28" (921.54 mm)
7.5° per section / 48 sections per circle

G-R5 7,5°

35216



35216 Curve Track, R5 7.5° 47.25" R (1200 mm)

Exact Center Line Radius = 47.24" (1200 mm)
7.5° per section / 48 sections per circle

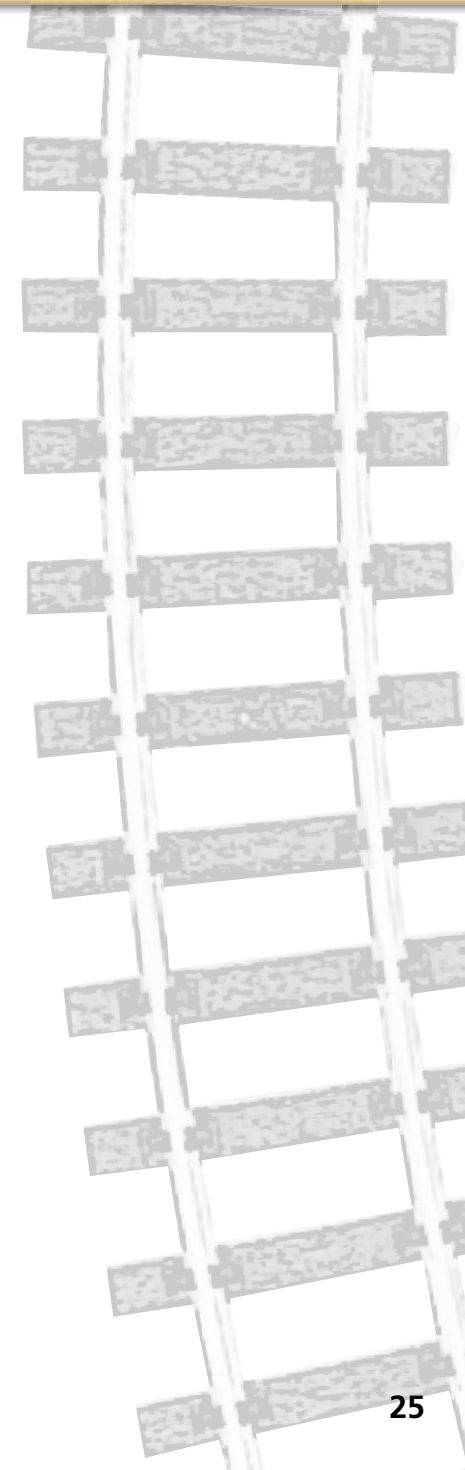
G-R7 7,5°

35218



35218 Curve Track, R7 7.5° 61.6" R (1565 mm)

Exact Center Line Radius = 61.6" (1564.6 mm)
7.5° per section / 48 sections per circle



Switches and Crossing

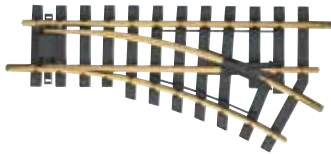
G-WLR1

35220



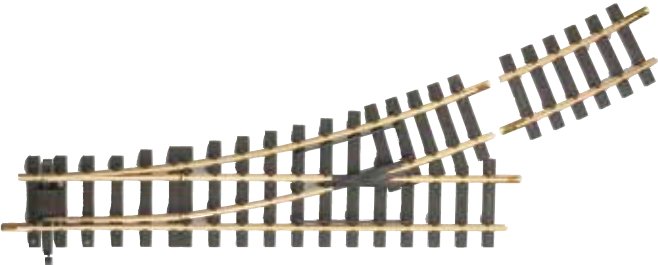
G-WRR1

35221



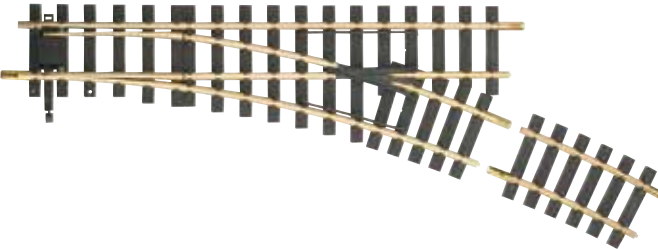
G-WLR5

35222



G-WRR5

35223



G-K30

35240



35220 Manual Switch, Left, R1, 30°

Straight track = G-320, 12.60" (320 mm)

Curved track = R1 = 23.62" (600 mm)

Compatible electric switch machine #35271

35221 Manual Switch, Right, R1, 30°

Straight track = G-G320, 12.60" (320 mm)

Curved track = R1 = 23.62" (600 mm)

Compatible electric switch machine #35271

35222 Manual Switch, Left, R5, 22.5°

Straight track = G-320 + G-160 = 18.90" (480 mm)

Curved track = 3 x Curve R5, 7.5°, 48.82" (1200 mm)

Package includes one Curve R5 7.5°

Compatible electric switch machine #35271

35223 Manual Switch, Right, R5, 22.5°

Straight track = G-320 + G-160 = 18.90" (480 mm)

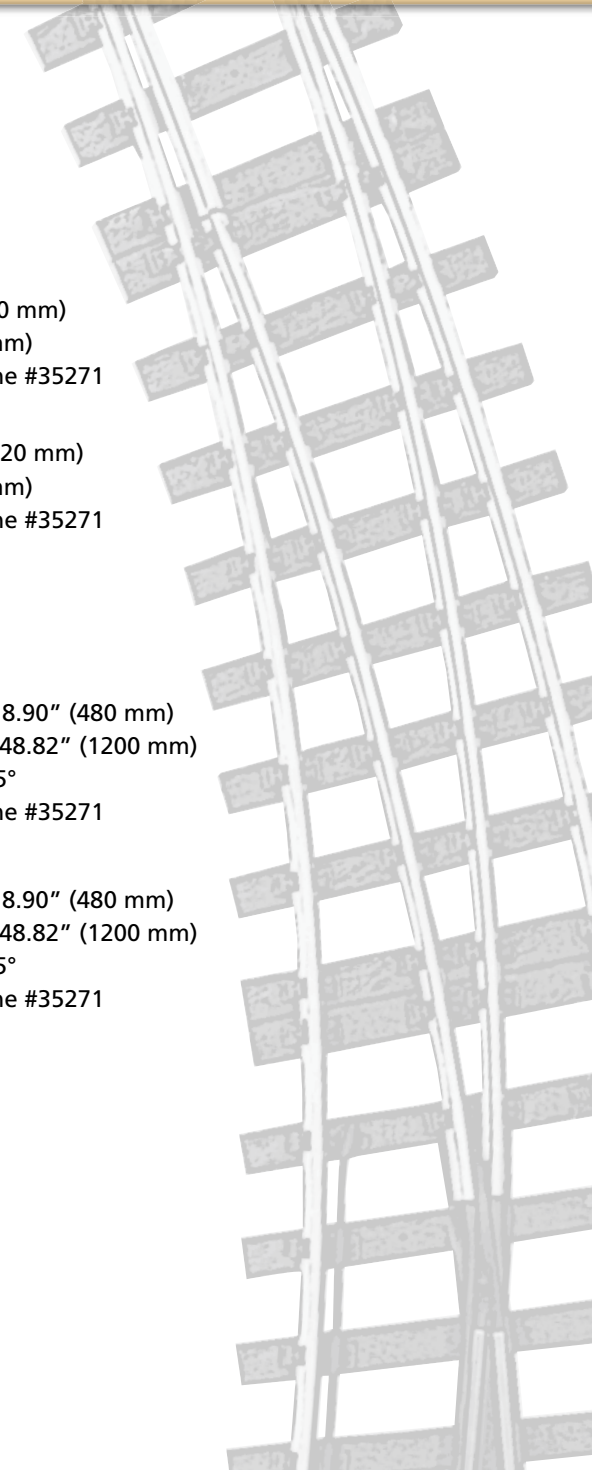
Curved track = 3 x Curve R5, 7.5°, 48.82" (1200 mm)

Package includes one Curve R5 7.5°

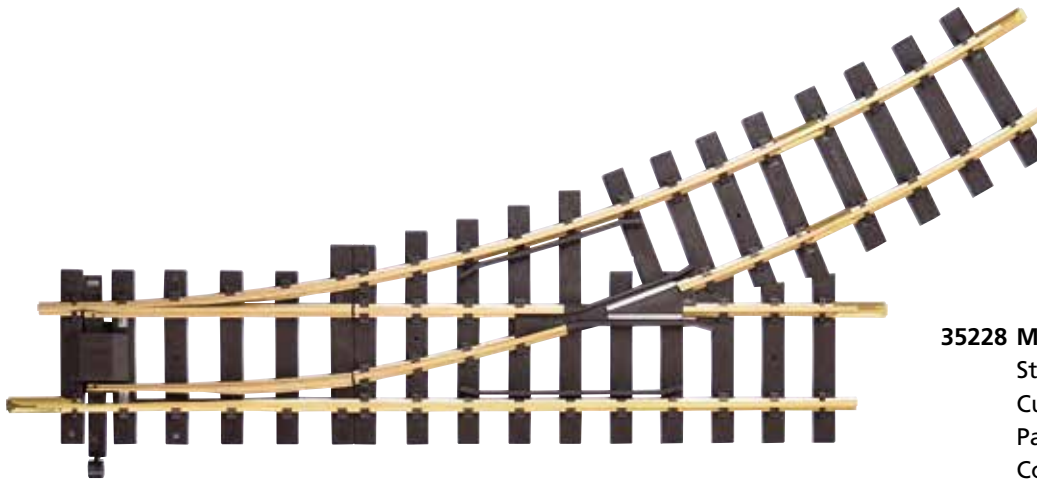
Compatible electric switch machine #35271

35240 Crossing, 30°

Straight tracks = G320

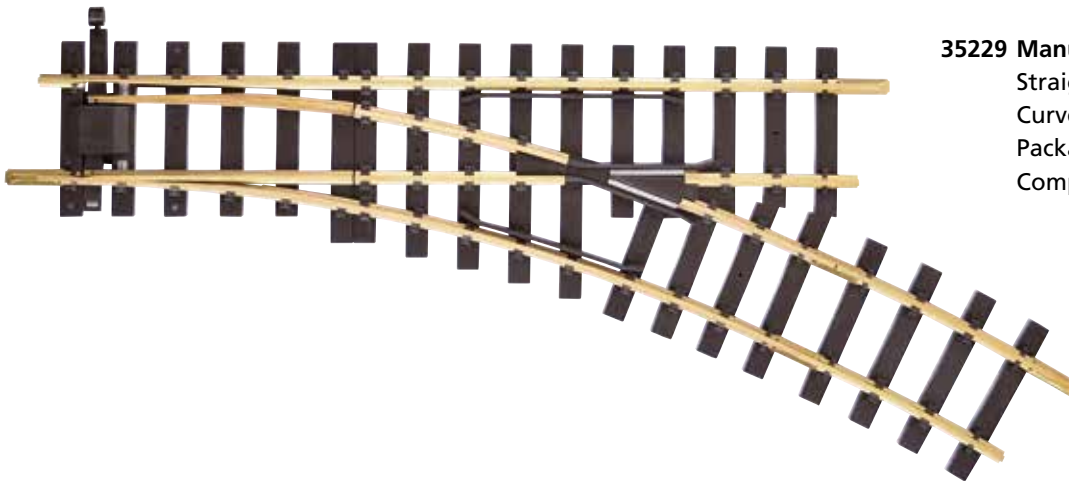


G-WLR3
35228



35228 Manual Switch, Left, R3, 22.5°
 Straight track = G280 + G140 = 16.44" (417.69 mm)
 Curved track = 3x R3 7.5° = 36.28" (921.54 mm)
 Package includes one curve R3 7.5°
 Compatible electric switch machine #35271

G-WRR3
35229

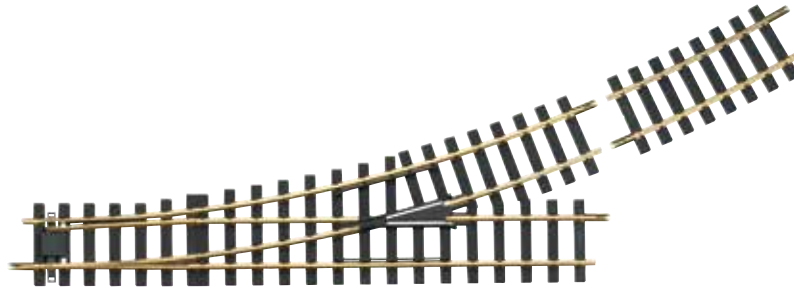


35229 Manual Switch, Right, R3, 22.5°
 Straight track = G280 + G140 = 16.44" (417.69 mm)
 Curved track = 3x R3 7.5° = 36.28" (921.54 mm)
 Package includes one curve R3 7.5°
 Compatible electric switch machine #35271

Larger Switches

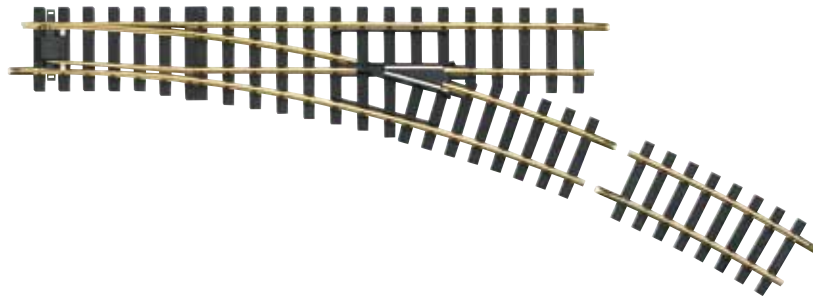
G-WLR7

35226



G-WRR7

35227



35226 Manual Switch, Left, R7, 22.5°

Curved track = 3 x Curve R7 7.5°, 61.60", 1564.62 mm

Straight track = G-600, 23.62", 600 mm

Package includes one Curve R7 7.5°

Compatible electric switch machine #35271

35227 Manual Switch, Right, R7, 22.5°

Curved track = 3 x Curve R7 7.5°, 61.60", 1564.62 mm

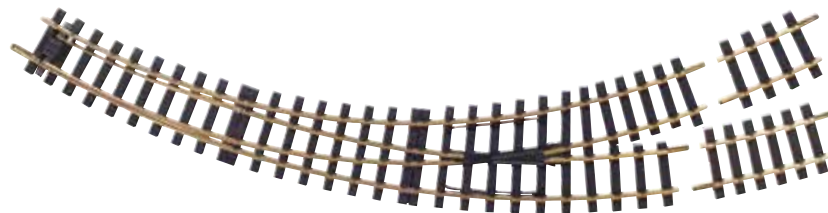
Straight track = G-600, 23.62", 600 mm

Package includes one Curve R7 7.5°

Compatible electric switch machine #35271

G-BWL

35224



35224 Manual Curved Switch, Left R3-R5

Inner Curve = Curve R3, 52.5°

Radius 36.26", 921 mm

Outer Curve = Curve R5, 37.5°

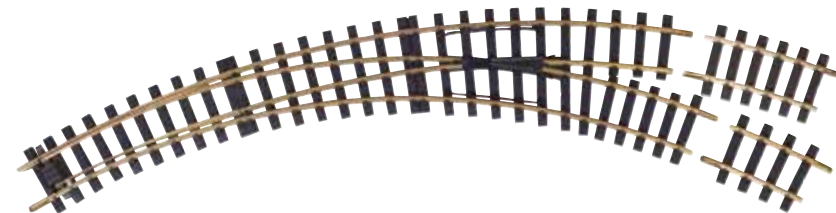
Radius 47.24", 1200 mm

Package includes R3 7.5° and R5 7.5°

Compatible electric switch machine #35271

G-BWR

35225



35225 Manual Curved Switch, Right R3-R5

Inner Curve = Curve R3, 52.5°

Radius 36.26", 921 mm

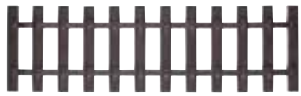
Outer Curve = Curve R5, 37.5°

Radius 47.24", 1200 mm

Package includes R3 7.5° and R5 7.5°

Compatible electric switch machine #35271

Flexible Track



G-SB320

35230 Tie Strip, 12.66"

Tie strip for construction of flexible track. Matches to a rail length of 12.66" mm (321,54). G-SB320 + G-SB280 make up the module length of 23.62" (600 mm)



G-SB280

35231 Tie Strip, 10.96"

Tie strip for construction of flexible track. Matches to a rail length of 280 mm (10.96"). G-SB280 + G-SB320 make up the module length of 23.62" (600 mm)



G-P3000

35250 Rail Section, 118.11"

Rail section for construction of flexible track. Use 2 x 35250 together with 5 x G-SB280, 5 x G-SB320, 18 pcs. of metal tie joiners from #35291 and 2 pcs. of metal rail joiners from #35290 to make approximately 118" (3 m) of track.



G-P1500

35251 Rail Section, 59"

Rail section for construction of flexible track. Use 2 x 35251 together with 3 x G-SB280, 2 x G-SB320, 8 pcs. of metal tie joiners from #35291 and 2 pcs. of metal rail joiners from #35290 to make approximately 59" (1.5 m) of track.



35285 Track Clips, 14 Pieces

Use to secure track sections together on temporary layouts.



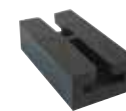
35290 Metal Rail Joiners, 20 Pieces

Sturdy brass material to securely join rails. For replacement or for use with flexible track.



35291 Metal Tie Joiners, 20 Pieces

Sturdy brass clips to join flexible tie sections.



35292 Insulated Rail Joiners, 6 Pieces

Insulated joiners made of ultra-violet- and weather-resistant plastic.

35293 Rail Clamp On-Rail, 10 pieces

This clamp is designed to fit directly on the rails for the best connection. Fits PIKO and most other Code 332 rails.



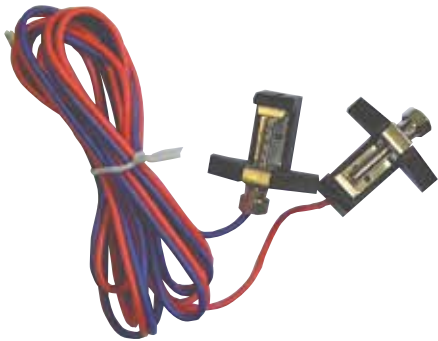
35294 Rail Clamp Over-Joiner, 10 pieces

This clamp fits over the existing rail joiner, to allow easy installation on an existing layout, or to avoid removing existing rail joiners. Fit over PIKO and most other rail joiners. Check fit on other brands before tightening.

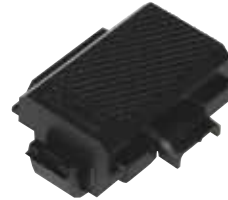




35280 Bumper
Typical railroad end-of-track bumper. Secures easily to track.



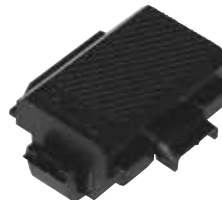
35270 Power Clamp, 1 Pair
With heavy-duty cable. Use for track power connection.



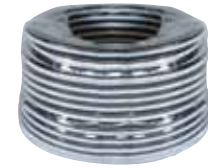
35268 Track Magnet
For triggering Reed Switch contacts, such as #35267 to activate locomotive bell and whistle/horn sounds.



35269 Loco Magnet
For triggering track contact #35272, adhesive-backed, 58 x 24 x 3 mm



35272 Track Contact
Single-pole double-throw momentary reed-switch contact for controlling switches, signals and other accessories, triggered by the loco magnet # 35269



35400 Black/White Cable 25 m
Cross-section 1,5 mm², UL2468 16AWG



35401 Blue/Red Cable 25 m
Cross-section 1,5 mm², UL2468 16AWG



35402 Orange/White Cable 25 m
Cross-section 1,5 mm², UL2468 16AWG



35265 Relay Contacts DPDT

These double-pole double-throw relay contacts mount to the PIKO #35271 Switch Machine and can be used for many automatic control functions.



35266 Switch lantern, lighted

Lighted lantern mounts to PIKO #35271 Switch Machine and changes to indicate setting of switch points.



35271 Electric Switch Machine

Water-proof electric switch machine for all PIKO switches. Also fits LGB* and can be adapted to some other brands.

Contents:

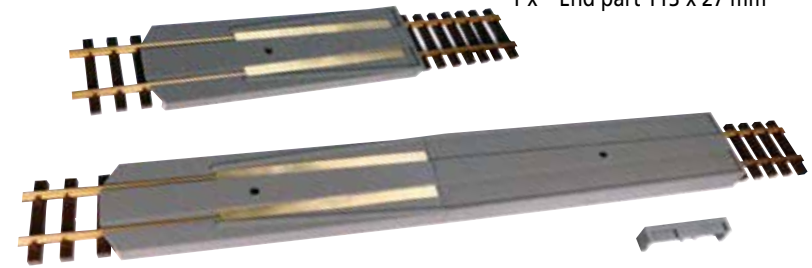
- 1 x Front end 113 x 416 mm
- 1 x Rear end 113 x 402 mm
- 1 x End part 113 x 27 mm

35281 Rerailer / Grade Crossing with American and German Crossing Signs



Contents:

- 2 x Side Ramp Pieces
- 1 x Center Rerailer Piece
- 1 x 35200 Track G320
- 2 x US Railroad Crossbucks
- 2 x German Railroad Crossing Signs



35282 Powered Rerailer

Our powered rerailer makes it easy to put any locomotive on the track. With large multi-wheeled locos, it can be a real challenge to get all the wheels correctly on the rails. And while a garden railway can be great fun, bending down in the rocks and dirt to put trains on the tracks is not fun. That struggle is now a thing of the past! Set the rerailer down on a powered track and the built-in contacts automatically pick up power from the rails. Just place a loco down on the rerailer - no need to fuss with accurately aligning wheels - and it rolls down onto the track under its own power. The PIKO powered rerailer features a short version for smaller locos, plus a snap-on extension for those really long locos. And it works just as well for freight and passenger cars of any size.



ca. 322 x 155 x 130 mm
12.7 x 6.1 x 5.1 "
Track length = G-320 12.6" (320 mm)

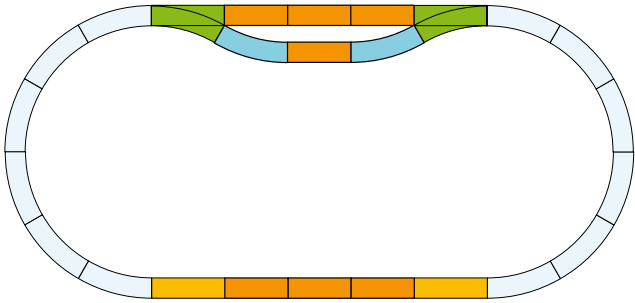
* LGB is a trademark of Gebr. Märklin & Cie, GmbH



TRACK SETS – EXPAND YOUR RAILROAD EMPIRE

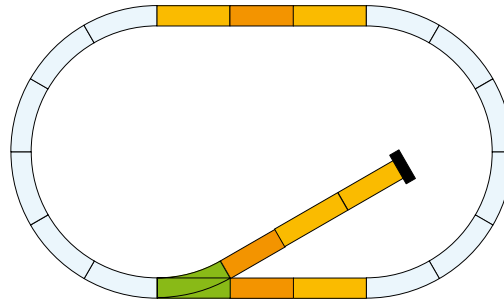
The PIKO G-Track sets allow beginners as well as experienced modellers to build up a basic stock of track elements at a reasonable price, when starting with the PIKO G-track system. The uncomplicated, clear design of the PIKO G-Track system makes it possible to continuously extend existing layouts by adding further sets. The sets

contain the color coded pieces shown in the graphics below. The white sections are the typical starter set circle. The color coding conforms to the PIKO G-Track color coding system. The switches contained in the Track Sets can be converted to electric operation at any time by installing an electric switch machine.



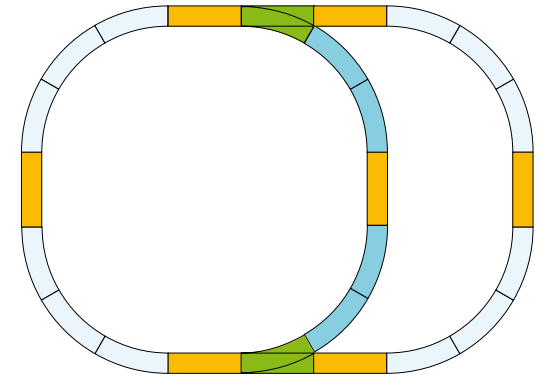
35300 Station Track Set

- 1 x 35220 WLR1 (Switch left)
- 1 x 35221 WRR1 (Switch right)
- 2 x 35211 R1 (Curved track R1 23.62")
- 2 x 35200 G320 (Straight track 12.60")
- 7 x 35201 G280 (Straight track 11.02")
- Floor area: 9.19' x 4.26'
- Minimum area for assembly: 9.84' x 4.92'



35301 Siding Track Set

- 1 x 35280 Buffer Stop
- 1 x 35220 WLR1 (Switch left)
- 5 x 35200 G320 (Straight track 12.60")
- 3 x 35201 G280 (Straight track 11.02")
- Floor area: 7.38' x 4.26'
- Minimum area for assembly: 8.04' x 4.92'



35302 Double Oval Track Set

- 1 x 35220 WLR1 (Switch left)
- 1 x 35221 WRR1 (Switch right)
- 4 x 35211 R1 (Curved track R1 23.62")
- 7 x 35200 G320 (Straight track 12.60")
- Floor area: 7.55' x 5.25'
- Minimum area for assembly: 8.20' x 5.91'



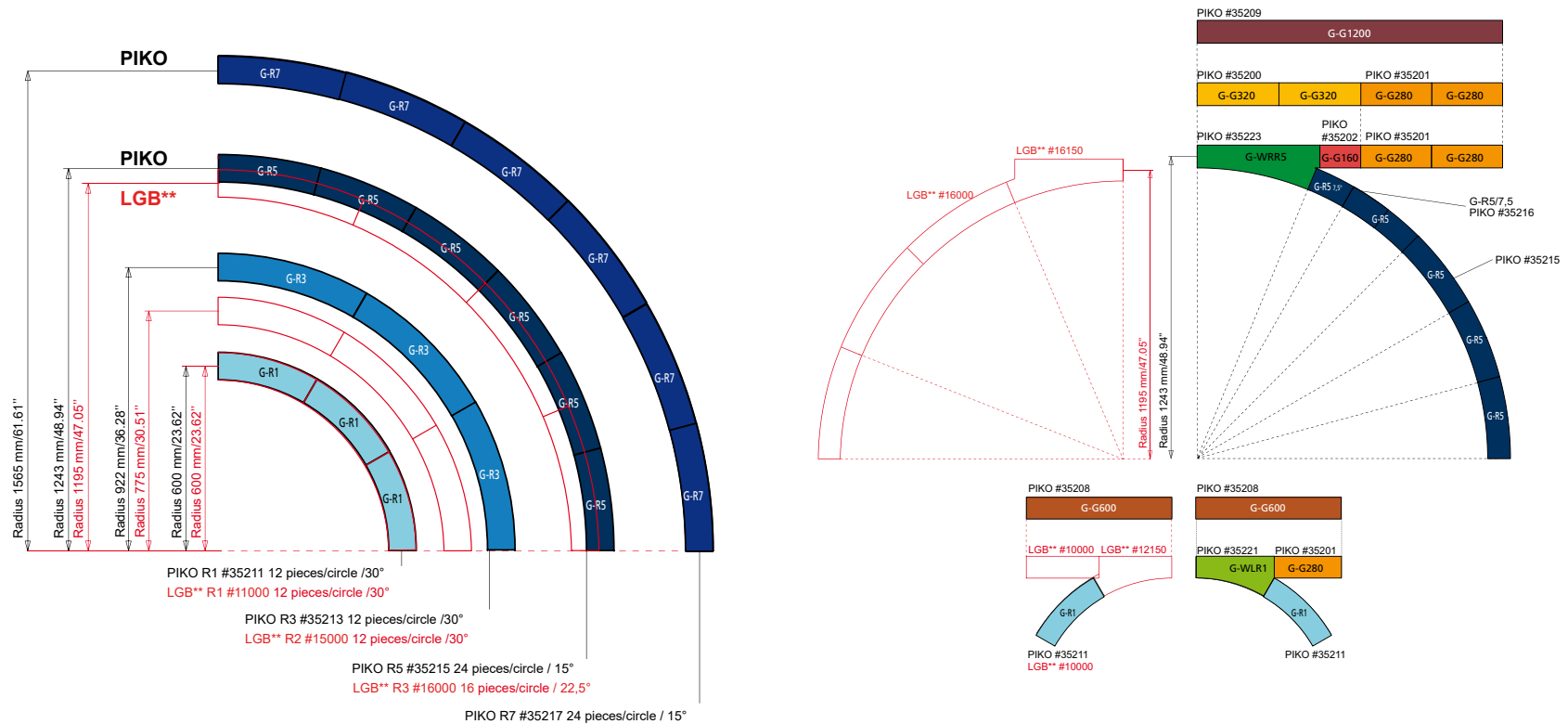
35310 Track and Power Set

- 12 x 35211 R1 (Curved Track R1 23.62")
- 14 x Track Clips
- 1 x Power Clamp w/Wires
- 1 x Analog Throttle, Basic
- 1 x Safety Approved 120 V Transformer 24 V / 45 VA
- Floor area: 4.26' x 4.26'
- Minimum area for assembly: 4.92' x 4.92'



Using PIKO G-Track in conjunction with LGB** track

PIKO G-Track Code 332 brass rail and rail joiners are fully compatible with LGB track. PIKO G-Track sections can be easily integrated into existing LGB** track layouts. The following charts show how the track sections compare to each other.



PIKO #35209 1200 mm / 47.24"	PIKO
G-G1200	
LGB** #10610 1200 mm / 47.24"	LGB**
PIKO #35208 600 mm / 23.62"	PIKO
G-G600 G-G600	
LGB** #10600 600 mm / 23.62"	LGB**
PIKO #35200 320 mm / 12.66" PIKO #35201 280 mm / 10.96"	PIKO
G-G320 G-G280 G-G320 G-G280	
LGB** #10000 300 mm / 11.81"	LGB**
PIKO #35202 160 mm / 6.33" PIKO #35203 140 mm / 5.48"	PIKO
G-G160 G-G140 G-G160 G-G140 G-G160 G-G140 G-G160 G-G140	
LGB** #10150 150 mm / 5.91"	LGB**

** LGB is a trademark of Gebr. Märklin & Cie. GmbH



LOCOMOTIVES

- > Powerful five-pole precision can-type motor
- > Exceptional pulling power
 - > Concealed electrical pickups on driving wheels
 - > Spring-loaded sliding pickup shoes
 - > Precise paint schemes and lettering



See this and more great locomotives on the following pages.



The PIKO Clean Machine With the "Clean Machine" version of the GE 25-Ton diesel, PIKO brings you a completely different concept in track cleaning. Common household rechargeable batteries provide extensive running time. Track cleaning operation is simple - just let it run around the layout till even heavily oxidized track is polished clean. Once the Clean Machine has cleared the way, track-powered locos can run smoothly! The Clean Machine is exclusively powered by 6 'AAA' batteries (not included - high-capacity rechargeable cells are recommended), which provide up to two hours of running time for cleaning even large layouts. The front "radiator panel" of the engine hood opens for easy access to the quick-change battery clip.

> track cleaning function
> completely battery-powered

38506 Clean Machine R/C operation, completely battery-powered



Clean Machine R/C

For even more fun and convenience, we suggest the Clean Machine R/C. The included pocket remote gives easy walk-around radio control of the loco's speed, direction and an emergency stop function. 8 easily selectable R/C channels allow operation of multiple locos independently. Or, two or more locos can be set to the same R/C channel and run together from one remote, for even faster track cleaning.

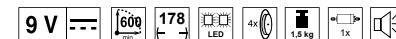


35416 Track Cleaning Shoes, Clean Machine, 2 sets

Package of 4 cleaning shoes with very long-lasting, highly-effective mesh cleaning pads. Clever snap-on / snap-off installation makes changing cleaning shoes quick and easy, with no tools or disassembly required.



38508 Clean Machine Green (non-R/C), completely battery-powered

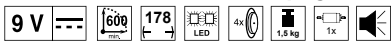


The economical Clean Machine Green offers incredibly simple operation. Select 'Forward' or 'Reverse' with the switch under the cab and let it roll. The switch also includes a center 'Off' position to park the loco when not in use.

25-TON DIESEL LOCOS WITH DIGITAL SOUND

PIKO

All 25-Ton Diesels on this page include:



Another industry first from PIKO! 25-Ton diesel locos factory-equipped for full battery-powered operation, with PIKO R/C and realistic TCS digital sound built-in. Run the train over any track - clean, dirty or unpowered, even across the floor! It's all controlled from the convenient Pocket Remote, included with the loco. Six standard size 'AAA' batteries (not included, high-capacity rechargeables are recommended) allow for long running time. The quick-change battery clip is located inside the engine hood and the front panel snaps off for easy access. 8 selectable R/C channels allow running multiple locos independently, or controlling multiple locos together in one train consist. What could be more fun than one PIKO 25-Tonner? A double-header, triple-header, or more! In addition to the bright directional LED constant lights and cab interior light, the highly realistic digital sound is completely new, a joint development of PIKO and TCS, a name already well-respected for digital sound decoder technology. Numerous authentic sounds function automatically. And if the powerful high-fidelity sound becomes a bit much, there's an easily-reached volume control in the loco cab. Press a button to turn on the bell as the train pulls out of a station. Press again to turn it off. Press and hold another button to blow the horn as long as desired. Give the correct two blasts when starting in forward, and three in reverse, or a few quick warnings to clear the tracks. Even blow the grade crossing pattern of two longs, a short and a long blast. And this realistic control is easy with just one hand, at up to 80' range - unaffected by daylight and big enough for the great outdoors.



38509 SF 25-Ton Diesel, Battery R/C w/Sound

NEW 2022



38510 PRR 25-Ton Diesel, Battery R/C w/Sound



NEW 2022



38511 US Army 25-Ton Diesel, Battery R/C w/Sound

Pre-Production Image:
Actual Item Subject to Change



NEW 2022



38512 KLM Thumper 25-Ton Diesel, Battery R/C w/Sound





38229 NYC Mogul Loco 6803 with Sound and Smoke





For a colorful consist pair this loco with 38652 NYC Wood Combine and the 38650 and 38651 Wood Coaches as seen in this image.



The steam loco on this page includes:

- › Bright, Directional LED Lights and 5-Volt Smoke System
- › High-Volume 3-Watt Digital Steam Sound System, with:
 - Synchronized Steam Exhaust Chuff
 - Correct Bell and Whistle Signals
 - Dynamo, Blower, Air Pump and Steam Release
 - Brake Squeal and Brake Release
 - Coal Shoveling (on coal-fired locos)
- › Built-in 'dual-mode' decoder for full-feature operation on either Analog DC or Digital DCC



38231 PRR Mogul with Sound and Smoke

**NEW
2022**



38233 SF Mogul Loco with Sound and Smoke

The sound-equipped steam locos on these two pages include:

- › Bright, Directional LED Lights and 5-Volt Smoke System
- › High-Volume 3-Watt Digital Steam Sound System, with:
 - Synchronized Steam Exhaust Chuff
 - Correct Bell and Whistle Signals
 - Dynamo, Blower, Air Pump and Steam Release
 - Brake Squeal and Brake Release
 - Coal Shoveling (on coal-fired locos)
- › Built-in 'dual-mode' decoder for full-feature operation on either Analog DC or Digital DCC

Celebrating the elaborate adornments on locomotives of the late 1800s, The Union Pacific and Santa Fe Moguls on these two pages feature completely original Western art paintings by a talented artist, commissioned exclusively for PIKO and reproduced in beautiful full color on the tender sides as only PIKO can do.



38232 UP Mogul 1201 with Smoke & Digital Sound



38234 D&RGW Mogul Loco with Sound and Smoke

**NEW
2022**

Prototype

In their quest to reduce fuel cost while increasing tractive effort for new steam locomotives, North American designers developed a new wide smoke box design that allowed the use of anthracite waste as a cheap fuel source. Introduced during the second half of the 19th century the new smoke box was so wide that it would have blocked the view of the engineer. Thus the engineer's cab had to be moved atop and astride the boiler. Only the fireman remained in his usual spot between firebox and tender. To this day the "Camelback" design is also known under the somewhat peculiar name Mother Hubbard in the US.

Model

The PIKO Camelback models were designed based off of Reading 1396, an 0-6-0 "Camelback", representing a late "Camelback" design with a straight tender and roof for the fireman. "Camelbacks" like it were built up until 1927 when construction of new "Camelbacks" was banned for safety reasons.

This sound-equipped Camelback steam loco includes:

- › Bright, Directional LED Lights and 5-Volt Smoke System
- › High-Volume 3-Watt Digital Steam Sound System, with:
 - Synchronized Steam Exhaust Chuff
 - Correct Bell and Whistle Signals
 - Dynamo, Blower, Air Pump and Steam Release
 - Brake Squeal and Brake Release
 - Coal Shoveling (on coal-fired locos)
- › Built-in 'dual-mode' decoder for full-feature operation on either Analog DC or Digital DCC

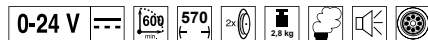


38242 PRR Camelback 2-6-0 Loco 628 with Sound and Smoke

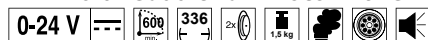




38209 D&RGW Mini-Mogul



38250 PRR 2-6-0T Saddle Tank Loco with Smoke & Analog Sound

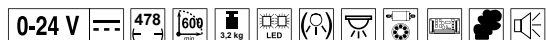


Powerful, reliable, economical locos for your railroad:

- › The locos on these two pages include well-proven and smooth-running PIKO gear drives with precision can-type motors and 8-point electrical pickup. All include directional "golden glow" LED headlights and nicely detailed valve gear.
- › 38209 is ready for installation of a 36221 Analog Steam Sound Kit, as well as a 36142 5-Volt Smoke Unit and 36143 5-Volt Regulator. Alternatively, the 36220 Digital Steam Sound Kit can be adapted.
- › Plastic tender wheels can be easily replaced with 2 packs of 36164 Metal Wheelsets if desired
- › 38250 features a 5-Volt Smoke System and Analog Steam Sound.
- › To activate bells and whistles, place 35268 Track Magnets at desired locations around the layout.



37210 DB III Steam loco BR 64 with switchable chassis lighting and smoke

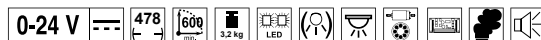


All BR 24 / BR 64 locos include:

- › Finely detailed superstructure
- › Numerous separately applied railings and pipes
- › Openable smokebox door
- › Clear view through detailed cab interior
- › Detailed spoked wheel centers with stainless steel tires
- › 7-pole ball-bearing Bühler motor
- › Complete and detailed valve gear
- › Switchable 5-volt smoke generator
- › Directional LED lighting
- › Engineer figure
- › Prepared for the installation of the PSD XP 5.1 S #36522. The requirement is that the locomotive is equipped with the Connector 36510.



37212 OeBB III BR 64 Steam loco with switchable chassis lighting and smoke



Prototype

The BR 24 shares its basic design with the BR 64. Just like its sisters BR 24 was considered reliable, strong and versatile. Since entering service in 1928 the BR 24 proved itself as a light and nimble passenger service locomotive. Its larger coal and water capacity meant that it could be used on long branch lines or even hauling fast trains. The railroaders in the former East Prussia nicknamed the locomotive "Steppe Horse." Hauling passenger, freight, and mixed trains, the successful, 900hp rated standard design always performed reliably. The DB retired the last BR 24 in 1966, while some Steppe Horses operated in Poland until the mid-seventies.

Model

The PIKO model of the Deutsche Reichsbahn's BR 24 impresses with its fine detailing and versatility. Just like in real life, the Steppe Horse can be used with a variety of cars. The compact, sturdy locomotive features a steam generator with separate on/off switch. The precisely manufactured wheel sets with stainless steel rims ensure a very reliable power pickup from the track. The PIKO BR 24 model is equipped with a smoke unit and directional lighting, and is also ready for easy installation of a digital decoder and sound. An engineer figure completes the cab.

Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

#36522 PSD XP 5.1 S BR 24



37222 DR III BR 24 Steam Loco, Wagner Smoke Deflectors with Smoke





37240 DR IV BR 50 Reko Steam Loco with Smoke



Prototype

The class 50, built from 1939 onwards, is one of the most frequently built German freight locomotives and was for a long time after the war one of the most important supports in freight traffic in East and West Germany. In other countries, too, locomotives of this class were used, in some cases until the end of the steam locomotive era. The light and comparatively fast locomotives were used as universal locomotives in the course of time before almost all types of trains. The 50s even mastered individual express and D trains with excellence.



37244 DRG II BR 50 Steam Loco

Ready for easy installation of cab light, digital decoder and sound.

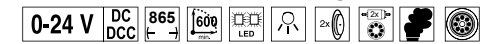


37245 DRG II BR 50 Steam Loco w/Smoke and Sound, w/digital Vanishing Coal effect

Factory-equipped with decoder, smoke and sound on DC or DCC, plus "disappearing coal load" feature on DCC, the 37245 offers a wide range of sound functions on Analog DC as well as Digital DCC.



All Steam Locos on these pages include:



Model

The lovingly implemented model in the respective harmonious design has a finely detailed overall appearance corresponding to the model and can be used in many ways due to its excellent driving characteristics. Many applied details, e.g. wind deflectors, sand pipes and the applied number plate on the smoke chamber door underline the noble character of the locomotive. The model has fine replicas of the handlebars and filigree spoke wheels with stainless steel tires as well as a light change white/white. The analogue version is of course prepared for upgrading a digital system and sound. The heavy PIKO model has two traction tires. The plastic parts are made of a special material for a long-lasting outdoor garden. The features of the driver's cab lighting, the smoke set and the flickering light in the fire box are switchable by means of a function key (with the digital version) or a switch (analogue).

Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1



#36530 PSD XP 5.1 S BR 24



37242 DB IV BR 050 Steam Loco with Smoke

Ready for easy installation of cab light, digital decoder and sound.



37243 DB IV BR 050 Steam Loco with sound and smoke

Factory-equipped with decoder, smoke and sound on DC or DCC, plus "disappearing coal load" feature on DCC, the 37243 offers a wide range of sound functions on Analog DC as well as Digital DCC.



Prototype

The tank locomotive of the class 95 started service as class T20 in early 1923. It was able to pull 2060 tons at 31mph on flat terrain. After the Second World War, 14 of the 45 machines were used by the German Federal Railways. Their operation included helper service on grades. The last locomotive was retired in 1958 from service by the Federal Railways. After the war, the Deutsche Reichsbahn received 31 locomotives of the BR 95 class. To increase capacity in the early 1970s, the tonnage per train was raised for the BR 95. Several locomotives are preserved in museums. Engine 95 027 is operational and can be seen in service from time to time today.

Model

The PIKO model of the BR 95 shows all the relevant details of the prototype, down to the finest paint and print features. It excites with a prototypical, but yet finely detailed appearance and versatile use. The machine also impresses with its robustness, precisely manufactured wheels with stainless steel tires, and a very reliable power pick-up. The 37232 model is factory-equipped, not only with a smoke unit, but also with a digital decoder and sound, offering many sound functions on analog DC operation as well as digital DCC operation.



✘ 37231 DR IV-V BR 95 Steam Loco with sound and smoke



MODEL VARIATION
2022



Prototype: Juergen Klugert

37232 DR IV BR 95 Steam Loco, New construction boiler oil with Sound



Prototype

As early as 1905, powerful T 16 Class 0-10-0s were in service on the Prussian State Railroads. Increasing tonnage and the desire to use the T 16s in a larger operating area led to the development of the T 16.1 Class. The first T 16.1s, later classified as the BR 94.5s, were delivered in 1913. From the beginning they were used in heavy switching service and on steeply-graded routes. The T 16.1 was even able to replace rack locomotives on some steep grades. Following two world wars, T 16.1s were scattered across Europe and found themselves working for various national railroad administrations. The Deutsche Reichsbahn retired their T 16.1 fleet in 1971, while the Deutsche Bundesbahn kept theirs in service for another three years. Today there are several T 16.1s existing as museum locomotives, with a noteworthy collection of four examples owned by the Rennsteigbahn Steam Train Association.

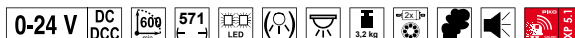


Prototype Photo: Gideon Grimmel

37250 DR IV BR 94 Steam Loco



37251 DR IV BR 94 Steam Loco with Sound



Model

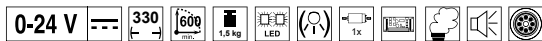
PIKO now makes it possible to have a model of the famous “Rennsteighirsch” train in your own backyard! Our new BR 94.5 steam locomotive is a most welcome addition to G scale. The model is a fine example of prototype fidelity married to robust design, which guarantees plenty of play value. The durable locomotive is tough enough for the challenges of extended outdoor operation and at the same time is highlighted by sophisticated features like a glowing red firebox and a factory-installed smoke unit. The BR 94.5's articulated chassis allows it to operate over small radii and it's innovative axle bearings keep it's electrical wipers in good contact with the rails.

All BR 95 / BR 94 locos have:

- › Finely detailed superstructure
- › Numerous separately applied railings and pipes
- › Openable smokebox door
- › Clear view through detailed cab interior
- › Detailed spoked wheel centers with stainless steel tires
- › 7-pole ball-bearing Bühler motor
- › Complete and detailed valve gear
- › Switchable 5-volt smoke generator
- › Directional LED lighting
- › Engineer figure
- › 37250 is prepared for installation of a 36500 decoder and 36521 sound kit.



37202 DB III BR 80 Steam Loco



Winter can be a time for snow and shop crews had to be resourceful to keep equipment running on time. Many crews found that they could add a snow plow to older tenders they had sitting around to assist in clearing snow from the tracks. By filling the tender with water to make it heavy, they could place it in front of a loco and push snow drifts away from the mainline to keep their freight and passenger service running.



37821 DR IV Snow Plow







Photo: Thomas Stegner

> Now available in G scale: the observation car class 491 glass train of the Deutsche Bundesbahn

Model

With our glass train, PIKO has brought another piece of railroad history to G scale. The glass car body allows for a full view of the detailed interior, which includes factory-installed figures and interior lighting.

The engineer's control stand is also illuminated. The headlights and taillights change from red to white with the direction of travel. For operation in Austria, an SBS 65 single-arm pantograph was installed on the prototype in 1976. The Era IV model includes this feature. Other roof equipment like cables and insulators are faithfully reproduced. A powerful Bühler motor provides the "glass train" with plenty of heft, and two additional pick-up shoes have been added to ensure a constant power supply. The digital version of the ET 91 is factory-equipped with a sound decoder and features a digitally-controlled pantograph. The analog version can be converted to digital and sound operation.

Prototype

In 1935, for the 100th anniversary of the German railways, the Fuchs Railcar Works of Heidelberg was commissioned to manufacture 2 self-propelled observation cars for the purpose of sight-seeing trips. The German Reichsbahn classified these cars as ET 91. The sophisticated railcars were designed to provide passengers with a panoramic view, so as many surfaces as possible were comprised of glass including parts of the roof. Their appearance earned them the nicknames "glass train" or "rolling glass box" or "the glass one." The Reichsbahn hoped the new railcars would win back passengers from bus travel, so fares for the new cars were advertised as 33% lower compared to third class fares.

The total length of the railcars was approximately 20 m (65 ft.). They originally had a top speed of 120 km/h (75mph). This was later reduced to 110 km/h (68mph). One car could accommodate a maximum of 72 people.

One railcar was completely destroyed during the war. The other was repainted and returned to service by the German Federal Railroad. The original color scheme was probably light blue, and later changed to dark blue. In 1953 the ET 91 became the BR 491 and the car was given a red/ivory paint scheme. In 1971 it was painted Olympic Blue for the Olympic Games. The car last wore a dark blue paint scheme. The story of the remaining "glass train" ended tragically during a panoramic trip in 1995, when it was totaled in an accident at Garmisch-Partenkirchen. After 60 years of operation, one of DB's oldest pieces of rolling stock was retired permanently.



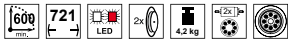
37330 DB IV Glass Train



37331 DB IV Glass Train, Sound



All BR 103 include:



Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

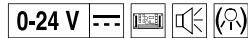


Prototype

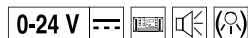
For many years, the six-axle class 103 electric locomotives were regarded by the Deutsche Bundesbahn as the flagship in heavy passenger train traffic and represent one of the most popular German locomotive series. The DB used four pre-series models as high-speed locomotives from 1965, and by 1974 a total of 145 additional series locomotives were in operation. With a continuous output of 7,440 kW (10,116 hp), the 103s are still among the most powerful one-piece locomotives. The first series locomotives were delivered with scissor pantographs, from 1976 onwards SBS65 single-arm pantographs were used. In addition, the locomotives lost their front skirts and received buffers without cladding. With their elegant and timeless design, the noble racers shaped the high-quality travel traffic for many years and became cult objects already during their regular service. From 1997 onwards, the 103s were gradually phased out until 2003 and replaced by the new 101 series. Several locomotives are preserved in museums.



37441 DB IV BR 103 Orient Red w/Bib and Single-Arm Pantograph

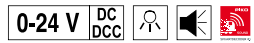


37440 DB IV BR 103 Electric Loco





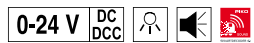
37442 RailAdventure VI BR103 Electric Loco, Sound



NEW
2022



37443 DB IV BR 103 Electric Lufthansa, Sound



Suitable Accessories:

#36511 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1



37436 DB III E 94 Electric



The German BR 194 was built by AEG starting in 1940. The 128t six-axle electric locomotive was designed for freight service but was used in passenger and express train service as well. By the end of WWII a total of 146 locomotives were delivered to the then DRG. Between 1954 and 1956 the DB ordered a further two batches of locomotives numbered E 94 178 – E 94 196 and E 94 262 – E 94 285 to alleviate a shortage of powerful freight locomotives. For the same reason a further four used BR 194s were purchased from the Eastern German DR. The PIKO model shows a high level of detail. The fan louvers, rows of rivets, grab irons, and metal pantograph are all meticulously reproduced, yet robust enough for garden railroading. Two gearboxes with ball bearing equipped motors ensure excellent pulling performance.



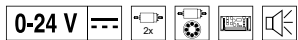
37432 Electric Loco BR 254 "Crocodile" DR IV



All Taurus Locos include:



37429 Flixtrain VI Taurus Electric



Suitable Accessories:

#36511 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1



The PIKO model of the Taurus electric loco is striking, and extremely so in the bright green livery of FlixMobility GmbH, in service since March 2018. With several of the #37664 passenger coaches trailing behind, you can recreate this recent addition to the growing list of private train service providers in Germany.



37400 ÖBB VI RH 1116 Taurus Electric Railjet, Sound



The Austrian Federal Railways Railjet service started in 2008. It uses modern and powerful Rh 1116 "Taurus" electric locomotives and conventional passenger cars, as opposed to other modern articulated trains like the ICE3. The attractive maroon, red and gray Railjet paint scheme is a popular sight in and around many cities, such as Vienna, Salzburg and Munich. The PIKO model of the Railjet Taurus loco comes factory-equipped with a DCC decoder and authentic digital sounds of the real loco.

For matching Railjet passenger coaches, see page 76

**NEW
2022**



37571 DR IV BR 118 Diesel 6-Axle, Sound

0-24 V DC DCC 600 718 LED 4.2 kg 2x XP 5.1

37576 DR III BR V180 Diesel, 4-Axle, Sound

0-24 V DC DCC 600 718 LED 4.2 kg 2x

**NEW
2022**



37512 DB V BR 218 Diesel w/Bib, Sound

0-24 V 600 615 4 kg LED 2x

Prototype

In 1970, as part of the transition from steam to diesel traction, the DR imported BR 130 diesel-electric locomotives from Lugansk in the Soviet Union. Following the successful introduction of the BR 130, the DR received a freight variant classified the BR 131 with a reduced top speed of 100 km/h (62 mph) for higher tractive effort. The BR 131 soon became an iconic "mountain engine." The 76 locomotives supplied to the DR shaped the image of freight train service in the Thuringian Forest and was also found in the Harz foothills and the Ore Mountains. Along with the BR 131, the BR 132 six-axle diesel locomotive was based on the class 130 series. The BR 132 was designed as a universal express and freight locomotive for mainlines and important branchlines. They featured modern electric train heating and a top speed of 120 km/h (74mph). These robust and reliable engines have served admirably in their roles and are now classified by DB AG as the BR 232. They form the basis for new versions of the "Ludmilla" like the BR 232.9, BR 233, BR 234, and BR 241.

Model

PIKO's attractive Garden Scale models of the BR 130/131/132 family of diesel locomotives fulfill the wishes of numerous G-scalers around the world who love these big diesel locomotives. The PIKO Ludmillas feature sturdy trucks, separately-applied handrails, and all the external details of their respective 1:1 prototypes. Internally, the models feature detailed engine rooms and cab interiors with engineer figures. Lighting features include directional headlights and taillights that change over depending on the direction of travel, and digitally-activated high beams. Engine room lighting can be added if desired. The impressive BR 130/131/132 from PIKO boast a high tractive force and exceptional running characteristics thanks in part to their chrome-plated wheelsets that ride on ball bearings. Each locomotive is factory-equipped with digital sound so you can bring the typical sounds of the "Ludmilla" to your G scale layout.

Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1



**NEW
2022**

37583 DR IV BR 132 Diesel with Sound



Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

#36533 PSD XP 5.1 S BR 106



Prototype

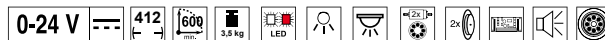
As early as 1953, the Deutsche Reichsbahn had plans drawn up for a new diesel loco to replace old worn-out locomotives in switching service. LKM Babelsberg led the development, which produced two prototype locos in 1958. Series production began in 1962. Some operating experience led to design improvements. The V60.12 series, known from 1970 on as the BR 106 class, provided a new engineer's cab with enhanced protection from the elements for the crew. The locos went on to prove themselves quite well in decades of service on the DR. Some are still used today in railway construction and industrial service.

Model

With the model of the BR106, PIKO brings to market another classic of the DR, and another model requested by many fans. The PIKO BR106 faithfully reproduces the looks of the real thing. And the robust construction features hard chrome-plated wheels with ball-bearings on the geared axles, directional LED lights and an engineer figure in the cab. The appearance is further enhanced with many individual details, such as handrails, windshield wipers, and the fascinating siderods and eccentric crank of the drive mechanism. The non-sound version is ready for easy installation of a digital decoder and sound unit. The sound version is factory-equipped with a digital decoder and sound system for an extra touch of realism.



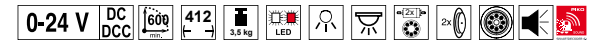
37590 DR IV BR 106 Diesel (non sound)



37591 DR IV BR 106 Diesel with sound



All V 60 / BR 346 on this page include:

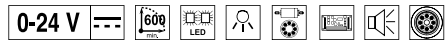


37592 DR III BR V60 Diesel, Sound



37593 Press VI BR 346 Diesel, Sound

All BR 236 / V20 include:



Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

#36539 PSD XP 5.1 S BR 260



37550 DB III V20 Diesel Switcher



Model

The PIKO V20, the little sister to the 3-axle V 36, is another very versatile locomotive choice for the garden-rail-roading enthusiast. The locomotive can be used as switcher or as road engine pulling short passenger or freight trains. Both axles of the small and nimble PIKO locomotive are driven. The jackshaft with its rotating counter weight between the axles is a special eye-catcher. Just like the PIKO V36 before, the PIKO V20 correctly reproduces the many louvers and vents that are typical for the prototype. The model features separately applied grab irons. It is equipped with white directional lighting, prepared for DCC conversion and can be fitted with diesel sound.



37532 DB III Diesel Locomotive BR 236, with Cupola



All BR 100 / 199 / 204 include:



✘ 37560 Diesel Loco BR 204 DB AG V



Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

#36539 PSD XP 5.1 S BR 260



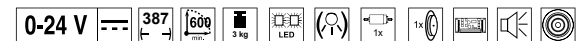
37568 DR IV BR 110 Diesel Wine Red



37543 HSB V BR 199 Harzkamel



37526 DB IV BR 260 Diesel



Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1

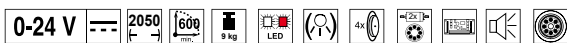


VT 11.5 TEE Train

The streamlined diesel-powered VT 11.5 trainsets developed in the 1950s were the flagships of the Deutsche Bundesbahn. These brought increased comfort to the premier international Trans-Europe Express (TEE) service. The PIKO model brings this unique train to life in G-Scale. Both end-units are powered and the powered end units are equipped with hard-chrome plated wheels and ball bearings on driven axles. The trainset is equipped with directional head- and taillights as well as prototypical interiors. It can be fitted with sound, digital decoder and interior lights.



37320 DB III TEE Diesel VT11.5 3-Unit Train





37308 DB III Railbus VT98



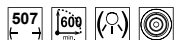
Suitable Accessories:

#36510 Connector PCB for PSD XP 5.1

#36500 PSD XP 5.1 



37690 DB III VS98 Railbus Trailer-Only



**NEW
2022**



37309 DB IV BR798 Railbus & Trailer, Mint Green, Sound





PASSENGER CARS

- > Precision engineering
- > Excellent running characteristics
 - > High level of detail and precise scale proportions
 - > Elaborate paint schemes
 - > Fine lettering



See this and more great passenger cars on the following pages.

Available for all American Passenger Cars:

© #36164

Suitable Accessories:

#36136 interior lighting is available for all Wood Drover's Caboosees

Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.



38600 D&RGW Wood Coach 331



38601 D&RGW Wood Combine 242



38735 D&RGW Sightseeing Car with Bench Seats



38602 D&RGW Wood Drover's Caboose 215 with Metal Wheelsets and Lighted Markers



38603 D&RGW Wood Baggage Car 126



38610 D&RGW Wood Coach 319





38231 PRR Mogul w/Sound and Smoke
(see page 40)

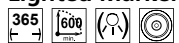
Suitable Accessories:

#36136 interior lighting is available for all Wood Drover's Caboosees
Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.



**NEW
2022**

38660 PRR Drovers Caboose 21015 with Metal Wheelsets and Lighted Markers



**NEW
2022**

38657 PRR Wood Coach 23117



**NEW
2022**

38658 PRR Wood Coach 23119



**NEW
2022**

38659 PRR Wood Combine 22610



Suitable Accessories:

Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.



38652 NYC Wood Combine 215



38650 NYC Wood Coach 286



38651 NYC Wood Coach 287



38229 NYC Mogul Loco 6803 with Sound & Smoke
see page 38

Available for all American Passenger Cars:  #36164



38628 SF Wood Coach 16521



38233 SF Mogul Loco with Sound & Smoke
(see page 40)

Suitable Accessories:

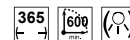
#36136 interior lighting is available for all Wood Drover's Caboosees
Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.




38626 SF Wood Baggage Car 72493



38623 SF Wood Drover's Caboose 20871 with Metal Wheelsets and Lighted Markers



Available for all American Passenger Cars:  #36164

Suitable Accessories:

#36136 interior lighting is available for all Wood Drover's Caboosees
Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.



38753 WP&YR Sightseeing Car with Bench Seats



38634 WP&YR Wood Drover's Caboose 211 with Metal Wheelsets and Lighted Markers



 38633 WP&YR Wood Combine 209



38631 WP&YR Wood Coach 218





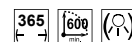
38232 UP Mogul 1201 w/Smoke & Digital Sound
(see page 41)



38653 UP Wood Coach 1873



38654 UP Wood Coach 1878




38655 UP Wood Combine 1922



38656 UP Wood Drovers Caboose 1953 with Metal Wheelsets and Lighted Markers




Available for all American Passenger Cars:  #36164

Suitable Accessories:

#36136 interior lighting is available for all Wood Drover's Caboosees
 Interior Lighting Kit #36135 is available for all American-style wood coaches, combines, and baggage cars.



 38646 C&S Wood Drover's Caboose 99 with Metal Wheelsets and Lighted Markers



 38647 C&S Wood Combine 4



 38645 C&S Wood Combine 20



EUROPEAN PASSENGER CARS

Available for all Silver Coin Cars: #36165
 Interior Lighting for Silver Coin Coaches: #36132



37630 DB IV Silver Coin Coach ABnd, 1./2. cl.



37631 DB IV Silver Coin Coach Bnd, 2. cl.



**NEW
2022**

**NEW
2022**



37632 DB V 2. Cl. N-Car Mint Green



37633 DB V 1./2. Cl. N-Car Mint Green



**NEW
2022**



37636 DB V Control Car Wittenberg Mint Green





37660 DB IV Passenger Coach Bpmz 2. cl.



37665 ÖBB VI BR116 2. Cl. Coach Railjet



37666 ÖBB VI BR116 1. Cl. Coach Railjet



✘ 37662 DB IV Passenger Coach Bpmz 2. cl.



37663 DB IV Passenger Coach Apmz 1. cl.



37664 Flixtrain VI Passenger Coach



Interior lighting #36132
For all Cars available: ☉ #36165

**NEW
2022**



37668 DB IV 2. Cl. Coach Bpmz Lufthansa

**NEW
2022**



37667 DB IV 1. Cl. Coach Apmz

REKO PASSENGER CARS

Available Interior Lighting: #36137, 36138
 Available for European Passenger Cars:  #36165



37650 DR IV Reko Bghwe 2. Cl. Coach



37651 DR IV Reko BDghwse 2. Cl. Combine



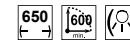
37652 DR IV Reko WRge Diner MITROPA



37655 DR III Reko 2. Cl. Coach



37656 DR III Reko 2. Cl. Combine



37657 DR III Reko Diner MITROPA




2- & 3-AXLE REKO PASSENGER CARS

Prototype:

By the 1950's, the Deutsche Reichsbahn was in great need of modern passenger cars. Like the Deutsche Bundesbahn, the DR decided to upgrade existing 2- and 3-axle wooden Länderbahn coaches to contemporary standards. Each car was stripped down to its frame and rebuilt to a uniform 13,820 mm (45 ft) length, 3043 mm (10 ft) width, and 4000 mm (13 ft) height. Single doors were installed on the front right-hand side and every car received electric lighting. The first ReKo (ReKonstruktion) cars entered service in 1959, and after a trial period went into production in 1960. The cars spread quickly throughout East Germany and soon formed the backbone of DR's passenger car fleet. They became the quintessential commuter car and could be found in all metropolitan areas of the DDR, where some trains consisted of up to 10 cars. Retirement of the ReKo coaches began in the 1980s and finished in the mid-1990's.

Available Interior Lighting: #36131

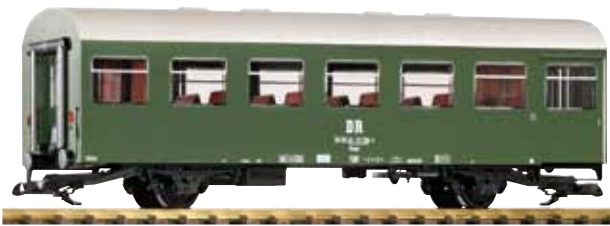
Available for European Passenger Cars:  #36165



37680 DR IV Reko 3-Axle Coach Bage




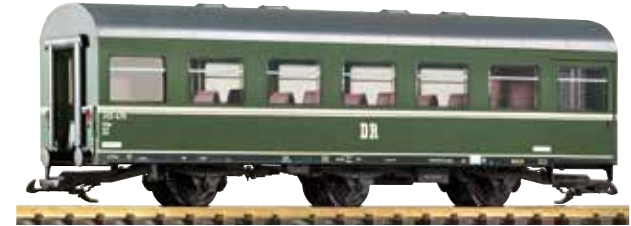
37681 DR IV Reko 3-Axle Coach Bagtre



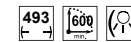
37682 DR IV Reko 2-Axle Coach Baage



 37683 DR IV Reko 3-Axle Baggage Dage



37684 DR III Reko 3-Axle Coach Bage



37685 DR III Reko 3-Axle Coach Bagtre



37686 DR III Reko 2-Axle Coach Bage



37687 DR III Reko 3-Axle Baggage Dage



Available Interior Lighting: #36131

Available for European Passenger Cars:  #36165



 37610 DB IV Workshop Car 414



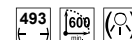
37600 DB IV 3-Axle Umbau 2. Class Car



37601 DB IV 3-Axle Umbau 1.-2. Class Car



37602 DB IV 3-Axle Umbau Combine




Available for European Passenger Cars:  #36165



37920 DB III 2-Axle 2. Cl. Coach



 37926 DR III 2-Axle 2. Cl. Coach



37927 DRG II 2-Axle 3. Cl. Coach



 37840 DR IV Luggage Van Pwg88



37842 DR III Baggage Car



PIKO introduced the outstanding smart measuring car in HO-Scale and ever since G-Scale enthusiasts have been asking for this innovation as well. Now PIKO has provided! You can now measure your entire garden railroad accurately from measurements of scale miles all the way down to a centimeter. Track gradients can also be measured. All measured data can be displayed in realtime on the SmartPhone app (Android or Apple iOS) or the PC app. Additional data like the average train speed can be saved and analyzed on your PC. Data is measured from every inch of trackage, not just visible track and the high-tech Measuring Car is based on actual DB AG Geometry Cars including prototypically accurate paint scheme and factory-installed interior lighting.



Integral display screen

- › Switchable lighting

Display of measured data

- › Actual train speed (cm/s, m/s, km/h, mph)
- › Distance traveled (cm, m, km, miles)
- › Total distance with zeroing function

Onboard data storage

- › Option to read measurement data without WiFi connection

Integral backup battery

- › Ability to measure dead track sections

Integral USB port

- › Memory read out
- › Battery charging port

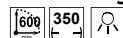
Grade percentage measurement

Analog and digital operation

**NEW
2022**



37841 Measuring Car Pwg88



Preproduction model. Subject to change.



FREIGHT CARS

- > Precision engineering
- > Excellent running characteristics
 - > High level of detail and precise scale proportions
 - > Elaborate paint schemes
 - > Fine lettering



See this and more great freight cars on the following pages.



38775 Sunoco Tank Car



38747 Conoco Tank Car



**NEW
2022**



38781 Texaco Tank Car 1975




**NEW
2022**



38782 Sinclair Oils Tank Car 71977



ORE CARS

Available for all American Freight cars:  #36164



 38912 D&RGW Ore Car with Ore Load



38913 SF Ore Car with Ore Load



 38911 PRR Ore Car with Ore Load



36311 Ore Car Load

Weather-resistant injection-molded plastic insert. Realistic representation of a load of raw iron ore. Made to fit PIKO ore cars. Light weight helps avoid the car becoming top-heavy and unstable.



 38914 UP Ore Car with Ore Load

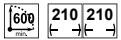


Available for all American Freight cars:  #36164

**NEW
2022**



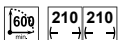
38933 Chessie-B&O Ore Car, 2-Pack



**NEW
2022**



38931 D&RGW Ore Car, 2-Pack



VINTAGE WARBIRDS HOPPER CARS



38902 Vintage Warbirds P-51 Hopper



38903 Vintage Warbirds P-47 Hopper



38909 Vintage Warbirds F4U Hopper



38910 Vintage Warbirds P-38 Hopper



38921 Vintage Warbirds B-25 Hopper



Adding to the Series!

Honoring the Greatest Generation
and the planes that made history.

- Photo-realistic graphics!
- Original licensed artwork!
- Produced only once!



38928 Vintage Warbirds Spitfire Hopper



38925 Vintage Warbirds SBD Hopper



38940 Vintage Warbirds C-47 Hopper



**NEW
2022**



36312 2-Bay Hopper Car Load

Weather-resistant injection-molded plastic insert. Realistic representation of a load of coal. Made to fit PIKO two-bay rib-side and offset-side hopper cars. Light weight helps avoid the car becoming top-heavy and unstable.



38916 PRR Rib-Side Hopper with Coal Load



38924 Chessie-C&O Rib-Side Hopper with Coal Load



38829 B&O Offset Hopper 220589



38880 NYC Covered Hopper 160729



Available for all American Freight cars:  #36164

**NEW
2022**



38917 D&RGW Rib Side Hopper with Coal Load



38934 CSX Rib-Side Hopper with Coal Load



38919 UP Flag Hopper with Coal Load



**NEW
2022**



38918 SF Rib Side Hopper with Coal Load



38935 Easter Egg Mine Hopper





38825 PRR Steel Boxcar 81374

362 600



38831 UP Steel Boxcar 120152

362 600



38873 CNW Boxcar, 15355

362 600



38926 SF Steel Boxcar

362 600



38879 B&O Sentinel Boxcar

362 600




38885 CB&Q Friendship Train Boxcar

362 600

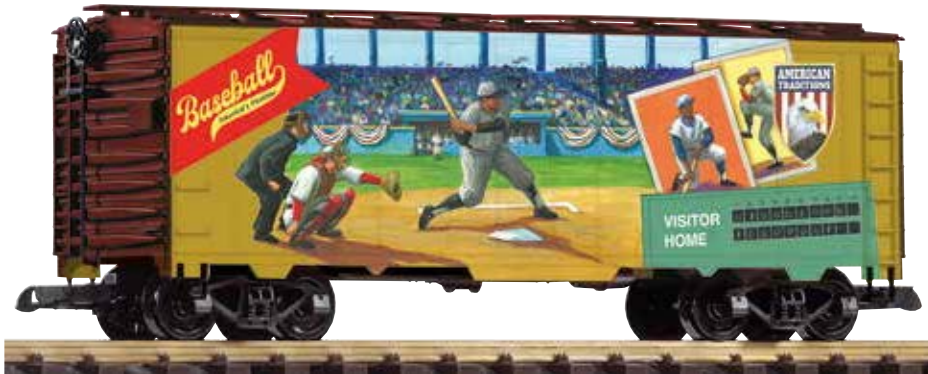
"AMERICAN TRADITIONS" REEFERS

PIKO

Available for all American Freight cars:  #36164

**NEW
2022**

The American Traditions series recalls many significant icons of American history, culture and heritage. Each car features original artwork commissioned from a fine artist exclusively for PIKO, and reproduced in beautiful full-color, as only PIKO can do.



38923 American Traditions Baseball Reefer



38922 American Traditions Betsy Ross Reefer



**NEW
2022**



38941 American Traditions John Henry Reefer



**NEW
2022**



38942 American Traditions Independence Reefer





36302 Container 20', Undecorated White

302 x 103 x 111 mm
11.9 x 4.0 x 4.4 "



38751 WP&YR Container Car

368 600




38764 USATC Humvee Transport 11212 with diecast vehicle

368 600



38732 SF Container Car

368 600

Available for all American Freight cars:  #36164



✘ 38756 RDG Bulkhead Flatcar with Pipe Load



✘ 38741 B&O Flatcar with Lumber Load



✘ 38740 SF Flatcar with Lumber Load



✘ 38755 PRR Bulkhead Flatcar with Pulpwood Load





38773 SF Flatcar w/Stakes, 2-Pack



38774 UP Flatcar w/Stakes, 2-Pack




38763 D&RGW Bulkhead Flatcar



38766 CR Bulkhead Flatcar 718906



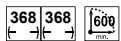
Available for all American Freight cars:  #36164

All items on these two pages feature removable/positionable stakes.

**NEW
2022**



38778 D&RGW Flatcar w/Stakes, 2-Pack



**NEW
2022**



38779 PRR Flatcar w/Stakes, 2-Pack



Due to their weight and the absence of pneumatic brakes, freight trains had to be slowed down, when necessary, one car after the other. Another risk of freight and passenger trains was caused by overheating bearings and oil lamps tipping over. Switches had to be worked, lighting provided and passengers and freight handled. The caboose served as working and living place for the indispensable conductors, signalmen, shunters, brakemen, locomotive engineers and firemen, especially on long-distance journeys. Furthermore, tools and spare parts were also stored and transported here. In order to have a better view, an elevated superstructure, called a cupola, was added to the roof of many cabooses. For shorter distances, a caboose without a cupola, called a transfer caboose, was often used.



38706 SF Work Caboose 110527 with Metal Wheelsets and Lighted Markers



Use the 36250 lighting kit to add interior lights to the cabin of this work caboose.



38862 SF Transfer Caboose 1207



**NEW
2022**



38907 D&RGW Wood Caboose



38906 PRR Wood Caboose



38948 UP Wood Caboose



Available for all American Caboose:  #36164

**NEW
2022**



38945 SF Wood Caboose

**NEW
2022**



38946 PRR Wood Caboose



38947 D&RGW Wood Caboose

**NEW
2022**

Available for all American Freight cars:  #36164



Just as on the prototype, this gondola has no end panels and the long pipes overhand the ends of the car, requiring an "idler" flatcar on each end. The 38778 D&RGW Flatcar 2-Pack is an excellent companion.



38749 D&RGW Pipe Gondola with Pipe Load



38754 PRR Low-Side Gondola with Roof Trusses



38735 D&RGW Sightseeing Car with Bench Seats



38753 WP&YR Sightseeing Car with Bench Seats



Prototype and Model:

During the 1920s, the Deutsche Reichsbahn received their first self-discharging hopper cars that were used for ballast service. The biggest innovation on these cars was a sophisticated system of hand-controlled chutes that allowed the operator to direct the flow of ballast to the inside or outside of the rail. When designing our G scale Otm hopper car, we decided that we would include this same feature on our model! You too can spot our G scale Otm at a worksite on your Garden railroad, and dump sand and fine gravel on your G scale right-of-way using the Otm's miniature chutes.



37850 Self-Unloading Hopper DR IV





37753 DB VI Flat w/2 20' Containers



37752 "Deutrans" DR IV Flat w/2 20' Containers



**NEW
2022**



 37011 ÖBB V Flat w/Container



37707 DB AG V Flatcar



Available for all Tarp Cars:  #36164



 37746 Mercitalia IV Shimmns Tarp Car

37720 Track Cleaning Car, 2 Track Cleaning Pads and 100 ml Cleaning Fluid included. See page 121 for additional track cleaning supplies.

**NEW
2022**



 37748 Wascosa VI Tarp Car Shimmns-tu 718

37724 DB V Tarp Car Shimmns Cargo

**NEW
2022**



37966 DR III G10 Boxcar Fit



**NEW
2022**



37965 DR III G10 Boxcar Born



**NEW
2022**



37967 DB IV 2-Axle Tank Car Eva



**NEW
2022**



37773 DR IV Coal Container Car w/Brake Platform





37955 DR III Stock Car, doors can be opened

600 350



37960 DB IV 2-Axle Boxcar w/Brake Platform

600 386



37961 DRG II 2-Axle Boxcar w/Brake Platform

600 386



37830 2-Axle Emergency Tank Car DR III

600 386



37956 2-Axle Tank Car Buna DR IV

600 350

Available for all 4-Axle Gondola:  #36164

Available for all 2-Axle Freight Cars:  #36165



37800 DB III Ore Car OOt96



37962 DR III Acid Tank Car w/Brake Cab



37964 DRG II 2-Axle Gondola



37963 DR IV 2-Axle Gondola



**NEW MOLD
2022**



CAD-drawing

**NEW
2022**

37970 Building Block Car (Building blocks not included in the package)



The imaginations of young (and not-so-young!) model railroaders should run wild at the thought of a train car that can be built and rebuilt any way they want it with the new PIKO building block car. Aspiring model railroaders can use their favorite building blocks; the possibilities are endless! Whether they are by themselves or with family and friends, younger modelers will always be creating new works of art on the building block car. Model railroading with PIKO has never been more fun!



37796 DR IV Cement Silo Car Gray Chassis



37749 FS IV Gondola Eaos



**NEW
2022**



37010 SBB VI Eaos Gondola Gray





PIKO POWER & ACCESSORIES

- > Multiple Systems / Multiple Options:
 - > Power for Indoors and Outdoors
 - > Simple R/C for All Power Types
 - > Factory-Equipped R/C
 - > PIKO G-Digital for DCC
 - > Components for Battery, DC, DCC and R/C





35028 R/C Analog Track Power Set, 5A / 120V w/Pocket Remote

- **NO Loco Modifications**
- **Run almost any Analog DC train.**

Set includes 22V / 5A / 120V Transformer, R/C Controller and Pocket Remote.

- **Easy:** Simple 4-button Pocket Remote gives you precise control of speed and direction, an emergency stop for safety and a fixed DC accessory output on/off, all from a compact remote control.
- **Flexible:** 8 selectable channels give you options – Use the 8 channels to control locos or consists independently, or set R/C Controllers to the same channel to control multiple tracks at once.
- **Powerful:** The 22 Volt / 5Amp Transformer provides big power. The R/C Controller will provide up to 4.5 Amps to the track and up to 2.0 Amps of fixed DC for accessories. (5 Amps max continuous output.)
- **Reliable:** The Pocket Remote offers up to 80' / 25m wireless walk-around range from the R/C Controller. Uses radio control so it works in daylight and around corners - no need for "line of sight".

The 35028 is not recommended for use with decoder-equipped locomotives.



35040 R/C Loco Receiver, 3,5 A, w/Pocket Remote

The 35040 R/C Loco Receiver offers all the operational features of the R/C Controller in the 35028 set, with extra benefits:

- The R/C Loco Receiver is compact and fits most G-Scale locos. The main receiver board is only 2.8" x 1.2" x 0.6".
- Includes two relay-type function contacts for controlling horn/whistle and bell on a separate sound unit.
- Designed to be easily battery-powered (minimum 7v batteries. Batteries not included)
- Alternately, the Receiver can be powered by a fixed, well-filtered DC supply of 7 to 22 volts, such as a DC voltage on the track.
- The Receiver has simple, user-friendly connections for motor/lighting power and the two function outputs.
- Includes 35041 Pocket Remote - see features on page 109

With the 35040 R/C Loco Receiver and batteries installed in your G-Scale loco, the included pocket remote allows you to operate your train virtually anywhere - over dirty track, non-powered track, even across the floor!

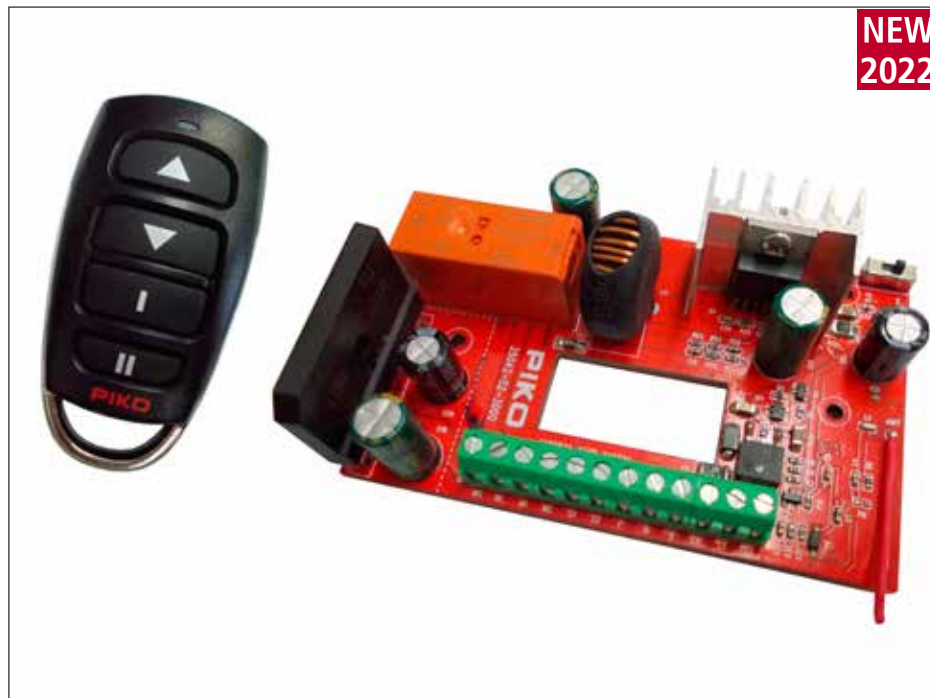
35040 is not recommended for use with decoder-equipped locomotives





35041 R/C Pocket Remote

Additional remote for 35028, 35040, 35042 and R/C starter sets. Extra remotes are ideal for more operators and can replace lost or damaged remotes. 8 selectable R/C channels allow for multiple trains and/or operators. Includes push-button controls for two relay-type functions such as horns/whistles and bells. Up to 80' / 25m range, indoors or outdoors.



**NEW
2022**

The 35042 R/C Loco Receiver takes onboard PIKO R/C to a new level!

- › The Receiver provides up to 5A (6A peak power) with a "Pure DC" output safe for the Analog operation mode of most DCC decoders, including the popular PIKO 36220 steam sound decoder kit.
- › The Receiver board is designed for easy installation inside many G-Scale locos. The Receiver board measures 3.38" x 2.16" x 1.06" (86x55x27mm)
- › Includes two relay-type function contacts for controlling horn/whistle and bell on a separate sound unit.
- › The built-in rectifier allows the Receiver board to operate on 12-18V AC / 12-24V DC 6A for usage with digital equipment (for good performance min 18V AC / DC recommend), from either onboard batteries or constant track voltage.
- › Includes Mode switch to select voltage output range, starting either at 0.5V for locos without internal voltage drop circuits, or at 6V for decoder-equipped locos with a higher startup voltage.
- › Receiver PCB includes wiring access cut-out for easy installation in locations such as tenders with wires coming up through the floor.
- › Easy screw-terminal connections for motor, lighting and two function outputs.
- › 8 selectable R/C channels. Set up to 8 different locos to different channels for independent operation, or set any number of locos to the same channel for multiple-unit lashups.
- › Includes 35041 Pocket Remote - see features above.

35042 R/C Loco Receiver 5A, Pure DC with Remote



Another industry First from PIKO!

25-Ton diesel locos factory-equipped for full battery-powered operation, with PIKO R/C and realistic TCS digital sound built-in. Run the train over any track - clean, dirty or unpowered, even across the floor! It's all controlled from the convenient Pocket Remote, included with the loco.

Six standard size 'AAA' batteries (not included, high-capacity rechargeables are recommended) allow for long running time. The quick-change battery clip is located inside the engine hood and the front panel snaps off for easy access.

8 selectable R/C channels allow running multiple locos independently, or controlling multiple locos together in one train consist. What could be more fun than one PIKO 25-Tonner? A double-header, triple-header, or more!

In addition to the bright directional LED constant lights and cab interior light, the highly realistic digital sound is completely new, a joint development of PIKO and TCS, a name already well-respected for digital sound decoder technology. Numerous authentic sounds function automatically. And if the powerful high-fidelity sound becomes a bit much, there's an easily-reached volume control in the loco cab.

Press a button to turn on the bell as the train pulls out of a station. Press again to turn it off. Press and hold another button to blow the horn as long as desired. Give the correct two blasts when starting in forward, and three in reverse, or a few quick warnings to clear the tracks. Even blow the grade crossing pattern of two longs, a short and a long blast. And this realistic control is easy with just one hand, at up to 80' range - unaffected by daylight and big enough for the great outdoors.

All these locos come with the easy-to-use Pocket Remote. See 35041 on page 109 for more details.



Clean Machine R/C

The 38506 "Clean Machine R/C" adds another dimension - a battery-powered, radio-controlled track cleaning loco. Track cleaning operation is simple - just let the loco run around your layout (either in forward or reverse) till even heavily oxidized track is polished clean. Once the Clean Machine has cleared the way, track-powered locos can run smoothly. With the convenience of PIKO R/C built-in, you can run the loco into a stub-end siding track and then back out of the siding, or park the loco in the engine house when you're done cleaning track. This loco can also function as a normal loco, just like a real "25-Tonner", pulling a few cars around the layout.



38506 Clean Machine R/C operation, completely battery-powered (Non-Sound)



38509 SF 25-Ton Diesel Battery R/C w/Sound



Pre-Production Image:
Actual Item Subject to Change



38511 US Army 25-Ton Diesel Battery R/C w/Sound



38510 PRR 25-Ton Diesel Battery R/C w/Sound



38512 KLV Thumper 25-Ton Diesel Battery R/C w/Sound

ECONOMICAL POWER, ALL IN ONE PACKAGE



35027

35027 45 Watt Analog Power Set, 120 V

Transformer: 120 V AC
Safety-Approved
Switching Power Supply
Output 24 V DC / 45 VA
Electronic Throttle:
Output 0-22 V DC / 1.5 A,
Constant 16 V DC / 0.4 A

BIG POWER FOR LARGER LAYOUTS



35002

35002 Analog Throttle

Electronic controller for analog operation. Requires a transformer, such as 35024.
Input: max. 18 V / 5 A AC or max. 24 V / 5 A DC
Output: 0-22 V / max. 5 A DC
Add wireless control for up to 8x 35002 Analog Throttles with the 35037 Navigator Remote and 35038 Wireless Receiver. See page 112.



35024

35024 Power Supply 120 VA

The ideal power supply for the 35002 Analog Throttle. Provides a full 5 amps output at 24VDC. Not for use with Digital systems.
Input: 120 V AC
Output: 24 V / 120 VA DC

SEPARATE POWER COMPONENTS

35006 Basic Analog Throttle

Electronic controller for analog operation
Requires a transformer, such as 35025.

Input:
max. 24 V / 1.9 A DC only
Output:
0-22 V / 1.5 A DC,
constant 16 V DC, 0.4 A



35006



35025

35030 Analog Reversing Unit

The PIKO Analog Reversing Unit contains:

- Splash-proof electronics
- Insulated track joiners
- Track hook-ups with cable

Using the Analog Reversing Unit, your train can automatically shuttle between two train stations.

It features the following functions:

- Smooth acceleration and deceleration
- Adjustable waiting time in train stations
- Overload and short circuit protection
- Requires a well-filtered DC power supply of 12-24 Volts.

Notice! This product cannot be used with digital/DCC, multi-train systems.



35030

35025 Power Supply 45 VA

Power supply for PIKO analog throttle 35006 and Switch Control Boxes 35260 and 35261

Input: 120 V AC
Output: 24 V / 45 VA DC

TAKE CONTROL OF YOUR LAYOUT



35260

35260 Switch Control Box

Weather-resistant control for operating
4 switches or signals
Input: 0-24 V DC-only



35261

35261 On/Off Control Box

Weather-resistant control with 4 double-pole on/off switches to control 4 different electric circuits, such as tracks or lights.
Input: 0-24 V AC or DC

The PIKO G-Digital System gives independent control of multiple trains on the same track. PIKO G-Digital is fully NMRA-compliant DCC (Digital Command Control) and can reduce complex block wiring and insulated track sections. Track voltage is kept constant at roughly 22V and each locomotive decoder receives signals and responds to user commands, including operating lighting functions or installed sounds.

The PIKO G-Digital System includes four main components:

- › 35020 Transformer (Providing reliable power to the system)
- › 35010 Digital Central Station (The brain, sending commands to the track)
- › 35037 Navigator Remote (An ergonomic remote)
- › 35038 Wireless Receiver, Optional (For wireless operation)

Switch Decoders, Boosters and more devices can always be added on to customize your layout.

35037 Navigator Remote

The Navigator Remote can be used with the PIKO G-Digital System or the 35002 Analog Throttle. The large backlit display enables clear operation. The Navigator Remote allows assigning each loco an icon and name for clear identification. It can also control switches on DCC layouts.

The Navigator Remote can be connected via the included cable or can be operated wirelessly by adding the 35038 Wireless Receiver.



INFO

- › Large backlit display with easy, menu-based control
- › Locomotive configuration with alpha-numeric names and pictograms
- › 10,239 locomotive addresses
- › 14, 28 and 128 speed step capability
- › 2048 switch/accessory addresses
- › NMRA functions F1 through F24
- › Parallel and serial function triggering capability for compatibility with older equipment
- › Bi-directional communication with the Central Station
- › Split-screen display allows simultaneous control of two locomotives or a locomotive and an accessory
- › Multi-protocol capable: PIKO, Lenz Xpressnet and DiMAX
- › Multi-operator capable: Up to 8 Navigators can be used simultaneously with the Wireless Receiver (#35038)

35010 Digital Central Station

The Digital Central Station receives signals from the Navigator Remote and controls operations on your layout. The Digital Central Station takes the input from one or more Navigators and converts it to digital commands that it sends out with track power. The digital commands are addressed to specific decoders, and decoders ignore any command not addressed to them, so only the selected loco or accessory will react to your input.

Input: 16-20 V DC, max. 5 A

Output: Up to 27 V DCC regulated, max. 5 A



35010

35020 Power Supply 120 VA

The ideal power supply for the 35010 Digital Central Station and 35015 Digital Booster. Provides a full 6 Amps output at 20V DC.

Input: 120 V AC

Output: 20 V / 120 VA DC



35020

35038 Wireless Receiver

The splash-protected Wireless Receiver converts the radio signal from the Navigator into either a digital signal for the 35010 or an analog signal for the 35002. The Receiver includes the correct cables and employs bidirectional FM radio technology that allows for reliable operation for up to 300 feet. (100m)



35038

INFO

Switch Decoder Technical Data 35013:

- › Operating voltage: 12-24 V NMRA/DCC (short-term max. 27V)
- › Total current capacity: 3 A
- › Switch machine outputs: 4 outputs at 1.5 A; maximum of two switch machines (#35271) per output (twin-solenoid or two wire bi-polar switch machines)
- › Addresses: 1 through 2047 (NMRA/DCC)
- › Dimensions: 95 x 64 x 23 mm (3.74" x 2.52" x 0.91")



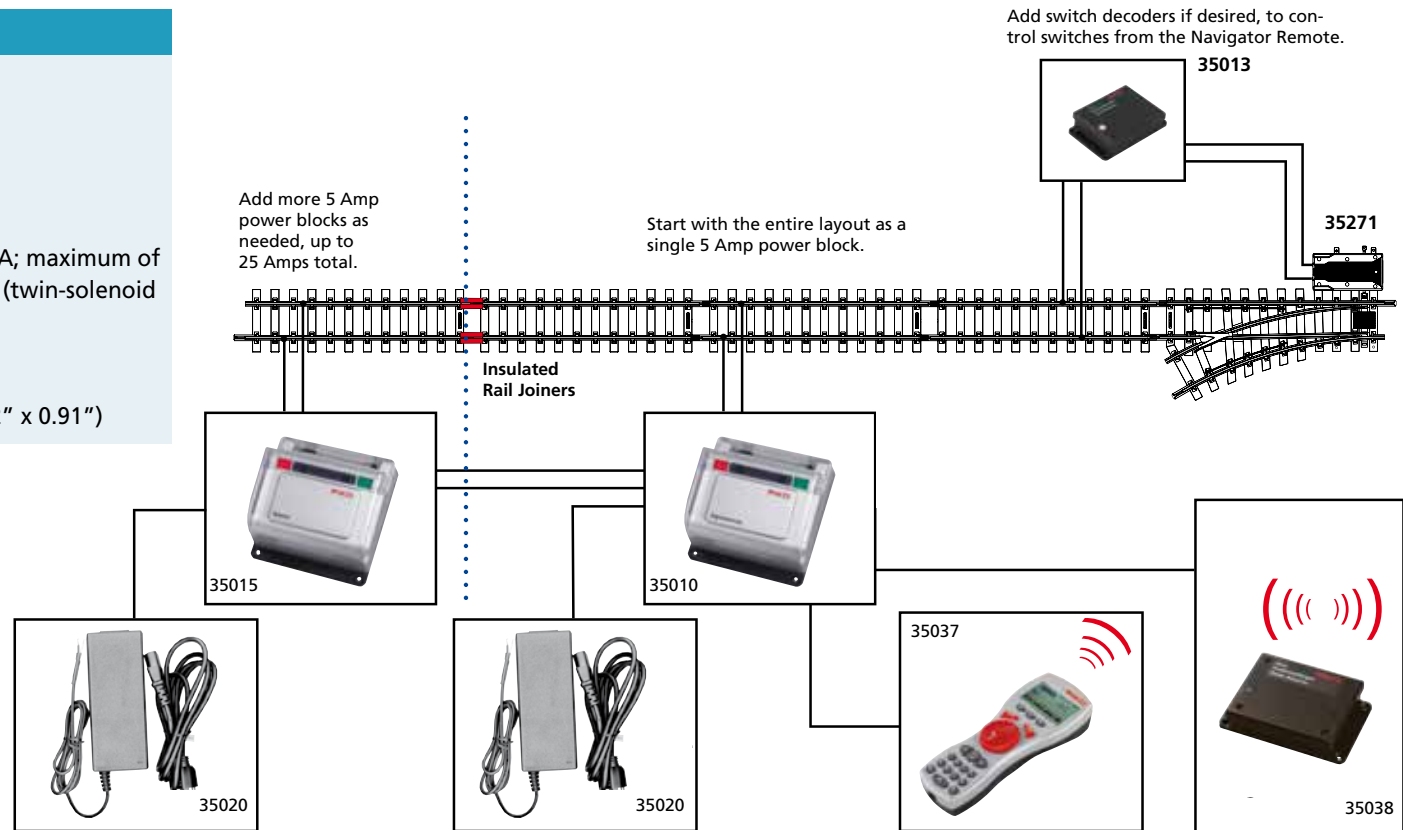
35015

35015 Digital Booster

If you need more power than the 5 amp capacity of the Central Station, your layout can be divided into electrically separated „blocks“, with each additional block powered by a transformer (PIKO 35020) and a 35015 Digital Booster. Each Booster transmits the digital signal from the Central Station and provides power to its block. Trains pass seamlessly from one block to another. Up to 4 Boosters can be added, giving you a total layout capacity of up to 25 amps.

Input: 16-20 V DC, max. 5 A

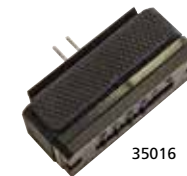
Output: Up to 27 V DCC regulated, max. 5 A



35013

35013 Switch Decoder

The splash-protected Switch Decoder allows for digital/DCC control of switch machines. A single decoder can operate up to four switch machines. The Switch Decoder is suitable for twin-solenoid type switch machines and two wire bi-polar switch machines (PIKO #35271). It can be controlled using a NMRA/DCC Digital Central Station (PIKO #35010).



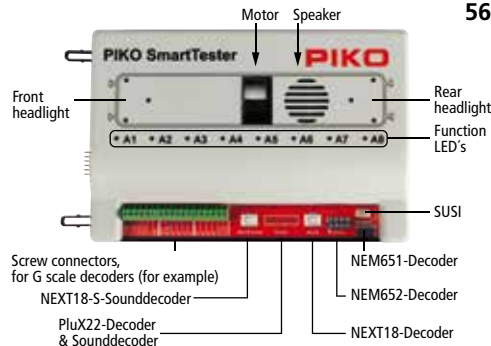
35016

35016 1-Channel Switch Decoder

Splash-protected switch decoder for operating a single electric switch machine (PIKO #35271). The decoder plugs directly into the switch machine's power terminals. It can be connected to a nearby track section using the PIKO Power Clamp (#35270). This eliminates long and complex wire runs.

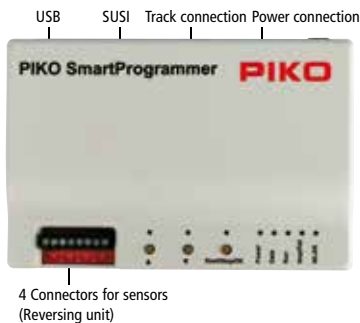
Programming, Installing, & Testing are easy and clear

The new PIKO SmartProgrammer makes it easy to download your own sound files onto a decoder using a programming track or WLAN. With the Smart Decoder app for Windows PC, Android and iOS devices can have their digital parameters quickly configured without first having to attend a programmer's seminar. The PIKO SmartTester provides instant feedback on decoder settings using integral LEDs, a test motor, a speaker, or the appropriate App. It tests N, TT, and HO decoders as well as decoders from larger scales.



56416 PIKO SmartTester

- Quick and easy decoder function testing
- Instant feedback from activated functions via the integral speaker, motor, and LEDs for functions A1 to A8 as well as the front and rear headlights
- HO, TT, and N scale decoder receptacles as well as the potential to test larger scale decoders and SUSI interfaces
- Can be used in-tandem with the PIKO SmartProgrammer via a plug connection



56415 PIKO SmartProgrammer

- Set digital parameters for your decoder
- Simple and Extended Function Mapping
- Transfer sound files via an integrated WLAN module or USB cable
- Easily upload decoder data via the programming track to the model
- Upload sound files quickly with the SUSI interface
- Upload your own sound files like station announcements, radio chatter, and more
- Trouble-free operation via free software for Windows PC as well as the app for iOS and Android devices
- Can be used as a "mini DCC system" for automatic train movements

The PIKO Digital System allows for simultaneous independent control of multiple locomotives on a track section. This requires the locomotives to be fitted with a digital decoder. All current PIKO locomotives are designed for easy installation of a PIKO locomotive decoder. Normally this entails a simple swap of the main circuit board for the appropriate PIKO locomotive decoder.



Simply swap the main circuit board for the PIKO locomotive decoder and move the hookup wires from the screw terminals on the circuit board to the respective screw terminals on the decoder.

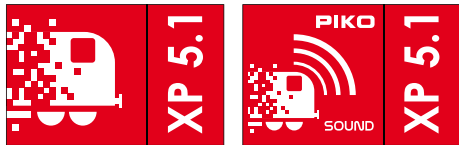
All PIKO SmartSound Decoder XP 5.1 shown here offer the same features

The main features are:

- > For DC and bell armature motors rated up to 5 A
- > 14, 28, and 128 speed steps depending on the DCC format
- > 9999 digital locomotive addresses
- > RailCom® and RailCom Plus®- compatible
- > mfx®-compatible
- > Corresponds to current RCN (European Digital Manufacturers Association) standards
- > Generously sized energy capacitors
- > Adjustable min., med., and max. speeds
- > Adjustable extended motor speed curve
- > Switching (shunting) gear mode
- > 3 adjustable acceleration and braking delays, each switchable via F0 - F68
- > Directional Rule 17 lighting
- > 12 individual function outputs with 8x logic that are optionally directional-dependent
- > 4 servo connections for model animation
- > Light and function outputs adjustable for analog operation
- > Optional secondary dimming setting for A0 to A12; switchable
- > Simple function mapping for F0 - F12
- > Extended function mapping for F0 - F68 for switching linked function outputs
- > Locomotive lights facing the first car of the train can be switched off
- > All function outputs have blinking options via four flash generators
- > All function outputs can be triggered automatically via a variety of settings
- > Load-dependent smoke generator
- > Firebox light settings with adjustable parameters
- > Automatic coupling/uncoupling and programmable switching scenarios
- > Light and function outputs can be hidden
- > Energy-efficient lamp effect
- > Adjustable fluorescent lighting effect
- > 8 PWM banks for North American train lighting effects like Mars Lights, Gyra Lights, Strobes, etc.
- > SUSI socket for additional PIKO sound modules
- > Braking with DCC brake signal, analog DC brake signal, or ABC brake signal including shuttle train operation
- > Constant braking distance measured in cm
- > Auto-adaptive motor control
- > Motorola data format with 4 addresses for functions F1 - F12
- > Conventional DC and AC analog operation
- > Decoder size: 54 x 28 x 13 mm (2.1" x 1.1" x 0.5")
- > Connector PCB size: 68 x 28.5 x 13 mm (2.7" x 1.1" x 0.5")
- > Combined size: 68 x 28.5 x 16 mm (2.7" x 1.1" x 0.6")

PIKO SmartProgrammer App





36500 SmartDecoder XP 5.1

- Features:
- Dimensions: 54 x 28 x 13 mm

36511 XP 5.1 Connector PCB with wire leads for G scale Taurus and BR 218

- Features:
- Locomotive-specific wiring via the carrier board
 - Dimensions: 68 x 28,5 x 13 mm

36512 XP 5.1 Connector PCB with wire leads for G scale BR 80

- Features:
- Locomotive-specific wiring via the carrier board
 - Dimensions: 68 x 28,5 x 13 mm

36505 SmartSound Decoder XP 5.1 Programmable

- Features:
- Dimensions: 54 x 28 x 13 mm

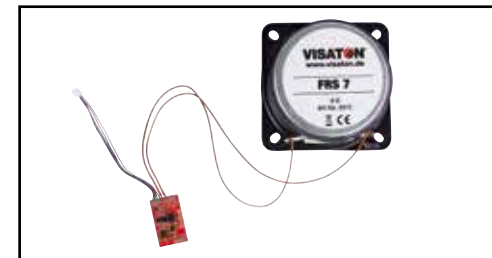
36510 Connector PCB for G-PSD XP 5.1

- Features:
- Dimensions: 68 x 28,5 x 13 mm

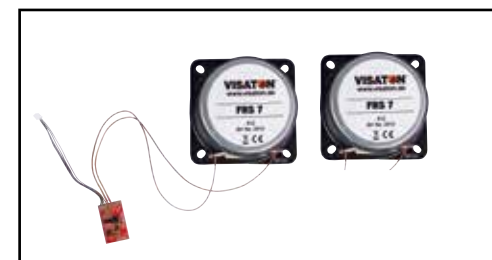
PIKO's latest digital decoder, the SmartDecoder XP 5.1 (PSD XP 5.1 for short), offers serious model railroaders a wealth of digital features. The PSD XP 5.1 is fully compatible with the latest RCN (European DCC Manufacturers' Association) standards.

PSD XP 5.1 with loud-speaker

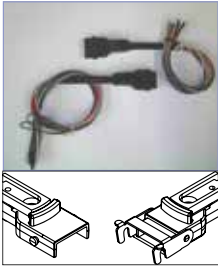
Steam locos	Art.-Nr.	BR 118	36527
BR 24/ BR 64	36522	BR 132	36526
BR 50	36530	BR 199 / V 100	36540
BR 80	36537	BR 218	36535
BR 94	36521	V 36 / V 20	36524
BR 95	36528	V 60 / BR 260	36539
Electric locos	Art.-Nr.	Railcars	Art.-Nr.
BR 103	36529	TEE VT 11.5 (two loud-speaker)	36543
BR 194	36541		
Taurus	36534		
Diesel locos	Art.-Nr.	VT98 Railbus	36536
BR 106	36533		



G-PSD XP 5.1 Sound with loud-speaker



G-PSD XP 5.1 Sound with two loud-speakers



36032 12-Pole Electrical Plug Coupler, 1 Pr

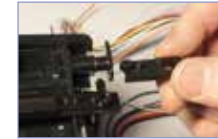
Coupler with integrated 12-pole electrical connection. This coupler can replace the standard hook and loop coupler on most cars and locomotives. Among other things it can be used to power and control Interior Light throughout a train.

36033 Rigid Coupler Non-Electrical, 1 Pr

Same as 36032 without electrical contacts and cables

Mounting the Electrical Coupler example: Silver Coin Coach

1. Unscrew existing coupler and remove from truck.
2. Place new coupler holder on truck and screw down.
3. Route wires beneath axle and plug electric coupler head into holder.



36220 American Steam Sound Kit DC / DCC

This kit is ideal for the non-sound PIKO Mogul Steam Locos. It can also be adapted to many other steam locos. Simple screw-terminals for all connections ease installation. The heart of the kit is a state-of-the-art high-quality digital steam sound decoder developed exclusively for PIKO by SoundTraxx®. It provides full-featured operation on Analog DC as well as Digital DCC. The sound decoder provides outputs for front and rear lights, as well as a regulated 5V output for a smoke unit (#36142, not included). A small separate circuit board provides a manual sound volume control knob as well as an on/off switch for the smoke unit. The included reed switch sensor allows triggering of bell and whistle signals via track magnets (#35268, not included). The sound decoder can be configured using a DCC system to fit the desired characteristics of the loco. For example, one of three different whistle tones can be selected and the exhaust "chuff" rate can be set to closely match the rotation of the loco drive wheels. This programming remains in effect on Analog DC operation as well as DCC.



36221 American Steam Sound Kit, Analog

In conjunction with the optional Reed Switch (#35267) Track Magnets (#35268) can trigger bell and whistle sounds.

36194 Analog-Sound Kit BR 80

In conjunction with the optional Reed Switch (#35267) Track Magnets (#35268) can trigger bell and whistle sounds.

ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION		
36000	Motor, 4 Wheel Gearbox Taurus, BR 218, V 100		36050	Arch Bar Freight Trucks, 1 pair		36113	Wheel Wipers right/left Schienenbus, Railbus	
36001	Motor, 6 Wheel Gearbox BR 80, US Steam Loco,		36051	Bettendorf Freight Trucks, 1 pair		36114	Pickup shoes, Railbus (Set of 2)	
36004	Motor w worm (1 thread) BR 194 w white or dark gears		36052	American Passenger Trucks, 1 pair		36115	Wheel Wipers right/left, V 60 / BR 260	
36005	Motor w worm (1 thread) Mogul w white or dark gears BR 80 / 0-6-0T w/Analog Sound, Old Mogul		36180	Idler gears (3 pcs.) Taurus, BR 218, V 100, V 199, Rail Bus, 25-Ton Diesel		36117	Pickup shoes, BR 194 (Set of 2)	
36006	BB Motor w worm Taurus, V100, BR 194 w red gears		36181	Idler gears (3 pcs.) BR 80, Old Mogul, 0-6-0, V 60 / BR 260		36118	Carbon brushes, BR 64/24 (Set of 8)	
36007	BB Motor w worm BR 80, Mogul, Camelback, TEE, V199 w/ Red Gears		36182	Idler Gear for BB BR 194 Motor 36006, 3 Pc Set		36142	Smoke Unit 5 V, for analog or digital, operate only with #36143 voltage regulator	
36008	BB Motor w gear Rail bus		36183	Idler Gear for BB Mogul Motor 36007, 3 Pc Set		36143	Voltage regulator 5 V for Smoke Unit #36142	
36009	BB Motor w worm V 60		36184	Idler Gear for BR 64 / BR 24 2 Pc Set		36150	Single-Arm Pantograph complete, Taurus	
36020	BB Motor w worm BR 24		36200	Engineer Figure		36151	Scissor Pantograph complete, BR 194	

ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION		
36070	Traction Wheelset Taurus		36077	Hard-chrome plated Center wheelset BR 80, red		36084	BB plated wheelset BR 194, red	
36071	Traction Wheelset BR 218, V 100, V 199		36078	BB plated wheelset 0-6-0T, black, only for Gearbox 36107		36085	BB plated traction wheelset BR 194, red	
36072	Traction Wheelset Taurus Hard-chrome plated BB Traction Wheelset Taurus, only for Gearbox 36104		36079	Hard-chrome plated Center wheelset 0-6-0T, black		36160	Plastic Wheelset, 2 pcs	
36073	Wheelset Taurus Hard-chrome plated BB Wheelset Taurus, only for Gearbox 36104		36080	BB geared wheelset BR 194, black		36162	Plastic Wheelset, 3 pcs	
36074	Hard-chrome BB Traction Wheelset BR 218, V 100, V 199, only for Gearbox 36105		36081	BB plated traction wheelset BR 194, black		36164	Metal Wheelset, 30 mm, 2 pc Hard-chrome plated For all American cars	
36075	Hard-chrome plated BB Wheelset BR 218, V 100, V 199, only for Gearbox 36105		36082	BB plated wheelset BR 194, black		36165	Metal Wheelset, 35 mm, 2 pc Hard-chrome plated For many European cars	
36076	BB Geared Wheelset for BR 80, red Hard-chrome plated, only for Gearbox 36106		36083	BB plated traction wheelset BR 194, black		36166	Metal Wheelset, red, 30 mm, 2 pc Hard-chrome plated	

36091 Crankpins – Mogul Wheels
Set of 6 metal screw-type replacement crankpins. Nickel-plated screws. Fits large 45 mm (1.77") diameter "Mogul" loco wheels.



36093 Crankpins – Starter Set Wheel:
Set of 6 metal screw-type replacement crankpins. Nickel-plated screws. Fits small 36.5 mm (1.44") diameter starter set, 0-6-0T and "Mini-Mogul" loco wheels.



36094 Crankpins – BR80 Loco Wheels
Set of 6 metal screw-type replacement crankpins. Dark nickel-plated screws. Fits small 36.5 mm (1.44") diameter starter set BR80 loco wheels.



ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION			ITEM-NO. DESCRIPTION		
36167	BB Metal Wheelsets w/ Pickups, 30 mm, 2 Pcs For all American cars		36175	Center Wheelset for 0-6-0T 0-6-0 & Mini-Mogul		36042	Traction Tires 4 pcs BR 64 3,2 x 44 mm	
36168	BB Metal Wheelsets w/ Pickups, 35 mm, 2 Pcs For many European cars		36176	Wheel set w gear V 60 / BR 260		36044	Traction Tires 4 pcs GE 25-Ton 3,2 x 30 mm	
36170	Geared Wheelset Taurus		36177	Traction Wheelset V 60 / BR 260		36030	Standard Coupler 1 Pc complete	
36171	Geared Wheelset BR 218, V 100, V 199, Rail Bus		36178	BB Geared Wheelset Hard-chrome plated BR 194		36090	Set of screws (20 pcs.)	
36172	Geared Wheelset BR 80		36179	BB Traction Wheelset Hard-chrome plated BR 194		36110	Standard Pickup shoes (Set of 2) Taurus, BR 218, BR 80, Mogul, 0-6-0, Camelback, V100/199	
36173	Idler Wheelset BR 80		36040	Traction Tires 4 pcs V 60 / BR 260, Mogul 34 x 41 mm		36111	Wheel Wipers right/left Taurus, BR 218, V 100	
36174	Geared Wheelset 0-6-0 & Mini-Mogul		36041	Traction Tires 4 pcs BR 218, V 100, V 199 28 x 34 mm		36112	Wheel Wipers right/left Mogul, 0-6-0, Camelback, V199	

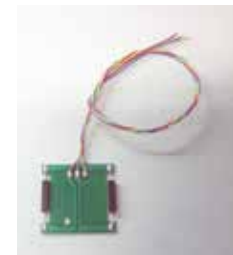
36145 Pantograph Servo Motor
one for each pantograph
(max. 2 servo motors) to
control with decoder PIKO
SmartDecoder 4.1 G #36125



36320 Extra weight, 2 pieces



35267 Reed Switch Assembly
For triggering bell and
whistle functions on most
PIKO sound units, via
#35268 Track Magnets.



ITEM-NO.	DESCRIPTION	
36130	Interior Light Rail Bus	
36131	Interior Light Umbau Cars	
36132	Interior Light Silver Coin Cars	
36133	Interior Light VT 11.5 VT 11.5 End Car	
36134	Interior Light VT 11.5 VT 11.5 Middle Car	
36135	Interior Light US Passenger Car	
36136	Interior Light US Wood Drover's Caboose	
36137	Interior Light Reko Coach	

ITEM-NO.	DESCRIPTION	
36138	Interior Light Reko Combine	
36139	Interior Light Silver Coin Control Car	
36250	Interior and Marker Light Kit, Work Caboose	
36012	Wired LED BR 218	
36013	Wired LED BR 80, US Steam Loco 0-6-0	
36014	LED Lighting Set, 6 LEDs V 60 / BR 260	
36015	Replacement Light Set - 6 LEDs V 100, V 199	
36016	Add-On Rear Light Set - 4 LEDs V 100, V 199, BR 218	

ITEM-NO.	DESCRIPTION	
36017	Interior Light for drivers cab and Engine bay	
36104	BB Motor Block complete, Taurus	
36105	BB Motor Block complete BR 218, V 100	
36106	BB Motor Block complete BR 80, red	
36107	BB Motor Block, 0-6-0T & Mini-Mogul	
36108	BB Retrofit Motor Block BR 194, with BB motor and revised gear ratios	
36109	BB Motor Block, New Style Complete, Mogul	



35421 Mini-Hacksaw
With low-wear metal-cutting blade. Ideal for cutting PIKO G track rails.



36039 Uncoupling Wand
For easy uncoupling of standard hook-and-loop couplers on most G-Scale trains



36215 Conductive Paste, 50 ml



36216 Gear Grease, 50 ml



35420 Set Screwdriver, 4 Pcs.
High-precision, suitable for PIKO G items. Contains 2 Phillips, no. 0 and 1 and 2 Flat Blade Screwdrivers 2,5 mm and 4 mm.



36210 Smoke & Cleaning Fluid, 250 ml



35412 Track Cleaning Pads, 10 Pcs., 140 mm x 100



35413 Track Polishing Pads, 2 Pcs., 140 mm x 100 mm



56301 Oil for Locos, 50ml



35411 Track Cleaning Set
Contents:
1 Track Cleaning Block
5 Track Cleaning Pads
100 ml Track Cleaning Fluid



35414 Track Cleaning Fluid, 250 ml



38506 Clean Machine R/C operation, completely battery-powered



See page 36 for more info



35416 Track Cleaning Shoes, Clean Machine, 2 sets



37720 Track Cleaning Car, 2 Track Cleaning Pads and 100 ml Cleaning Fluid included