

# Summer New Items 2017



# 34th International Model Train Show and 11th Märklin Days in 2017

The MEGA family event  
in Göppingen  
September 15 to 17, 2017  
[www.maerklin.de](http://www.maerklin.de)

Mark your calendar now!  
Everything about big and little  
trains, play and fun –  
3 days long!



## Editorial

Dear Märklin Fans,

### Pull out the plug – put in the water – start up the diesel motor

This is how easily we could describe this technical masterpiece in our “Tiger” for the Railroad Construction Group. **You’re reading correctly**, with water! For the first time a Piezo atomizer has been built into an H0 locomotive.

Read more about this on Page 8.

In addition to this surprise, Märklin is bringing out other fascinating new items in 2017 for your model railroad. Get ready to be tempted for example by “Pauline” on the oldest line for electric motive power or enjoy the fresh variety of the Metronom on its routes up north in Germany.

Many model highlights in H0, Z, and 1 Gauge are waiting to be discovered by you.

Regardless of which Märklin model you decide on, it will always be the right decision. Our products are fascination born of perfection.

We hope you will enjoy very much discovering our summer new items for 2017.

**Your Märklin Team**

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**More than reality!**  
Discover our models all over again with the new Märklin AR App.  
This is how easy it is: Download the app and watch the page with the camera on a Smartphone.



### At a glance:

- No wiring at the mast.
- Flat, scale signal hoods with realistic lens hoods.
- Maintenance-free LEDs with the correct traffic colors.

**New semaphore/target and color light signals are the magic phrases** that have electrified many model railroaders since their introduction. It is worth taking a close look at them because the Märklin signals will convince you from all sides: Everything is scale and intricate like the prototype, you will look in vain for disturbing wiring harnesses, and the correct traffic colors are displayed by means of maintenance-free LEDs. Especially thrilling on the semaphore/target signals is the prototypical motion of the movable parts. On the color light signals, the prototypical fading in and out of the lights is also thrilling. In addition, these new signals have dual intelligence: in the signal head and in the roadbed! Innovative electronics – built in very flat behind the signal hood.

Many factors affect which of the two signal types a modeler favors. For example, the ranking of eras on his layout, or the model builder's point of view. Color light signals are more suitable for portable layouts due to the former's greater durability. And the most important thing: **Setup is as easy as child's play!**

Regardless of which type of signals you choose – in the Märklin assortment you will find the right, prototypical answer for you. **Your specialty dealer will be happy to advise you!**

**TRIX**

All of the signals are also usable with Trix and all currently available H0 track systems and digital formats (mfx, DCC, MM) as well as analog operation.



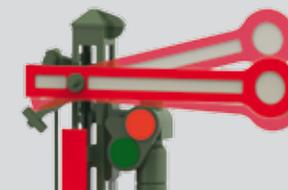
More information online at [www.maerklin.de/signale](http://www.maerklin.de/signale)

## Your advantages at a glance – only with us!

- ✓ Easy installation with plug & play
- ✓ Prototypical motion of moving parts on the semaphore/target signals
- ✓ Shallow installation depth – below-baseboard installation also possible above a staging yard
- ✓ Every signal designed for above- and below-baseboard operation – no new purchase if you change your plans
- ✓ Built-in decoders means no separate wiring
- ✓ Correct nighttime representation of the semaphore/target signals – LEDs also visible from the opposite direction
- ✓ Sturdy despite intricate design
- ✓ Prototypical slow fading in and out of the signal aspects on the color light signals
- ✓ Correct traffic colors are shown by means of maintenance-free LEDs

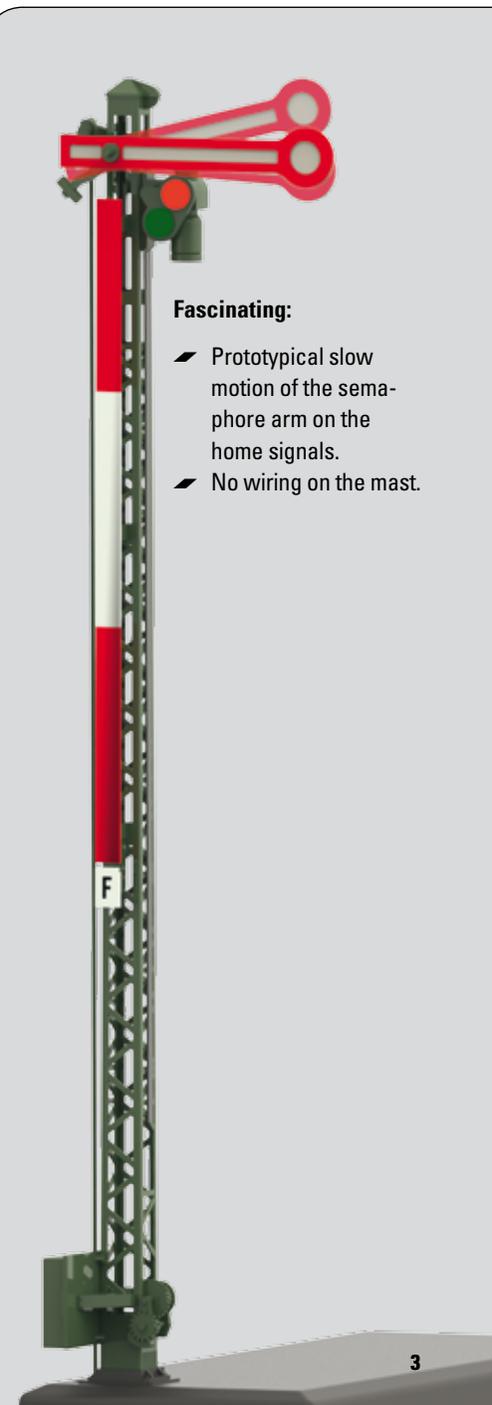
### This is how easy it is with the Central Station 2 or 3:

1. Determine the position of the signal.
2. Mount the signal on the layout (above baseboard / below baseboard).
3. Direct connections to the track – Connections without a lot of wiring.
4. Let's go! Signals register themselves independently thanks to decoders.



### Fascinating:

- Prototypical slow motion of the semaphore arm on the home signals.
- No wiring on the mast.





Authentic  
train marker lights



⚡ This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.



## 26195 Passenger Train with an E 69 and Compartment Cars

Road number E 69 02 harkens back to the early years of electric motive power. This unit gave service as the oldest electric locomotive on the German Federal Railroad from 1954 to its being retired in 1981. It is closely linked with its original route, the branch line Murnau – Oberammergau, until 1938 owned by the Local Railroad, Inc. of Munich (LAG) and known as a route to bring people to the famous Oberammergau Passion Play that takes place every ten years. Road number E 69 02 was placed into service on May 19, 1909 as LAG 2 “Pauline” and had its first big test to prove itself in the following year during the Passion Play performances. After just a few years doing a “guest performance” in Heidelberg, it was back on its original route until 1981 performing reliably and can now be found in the Nürnberg Transportation Museum.

**Prototype:** German Federal Railroad (DB) E 69 electric locomotive and three Prussian design compartment cars, 1 each type B3, 1 each type C3 with a brakeman’s cab, and 1 each type C3tr. “Bottle Green” paint scheme. Locomotive road number 69 02. The train looks as it did in 1952.

**Model:** The E 69 has an mfx+ digital decoder and extensive sound functions. 2 axles powered. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. Maintenance-free LEDs are used for the lighting. The locomotive has a current-conducting coupler that can be turned on/off digitally. It also has separately applied metal grab irons. The compartment cars have factory-installed LED interior lighting. They also have current-conducting couplers that can be uncoupled. The type C3tr car has built-in marker lights. Total length over the buffers approximately 51 cm / 20”.

### Highlights:

- **E 69 includes extensive sound functions for the first time.**
- **mfx+ digital decoder.**
- **Current-conducting coupler that can be turned on/off digitally.**
- **Factory-installed LED interior lighting.**

One-time series.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)	█	█	█	█	█
Current-conducting coupler	█	█	█	█	█
Electric locomotive op. sounds	█	█	█	█	█
Locomotive whistle	█	█	█	█	█
Direct control	█	█	█	█	█
Sound of squealing brakes off	█	█	█	█	█
Headlight(s): Cab2 End	█	█	█	█	█
Whistle for switching maneuver	█	█	█	█	█
Headlight(s): Cab1 End	█	█	█	█	█
Sanding	█	█	█	█	█
Blower motors	█	█	█	█	█
Conductor’s Whistle	█	█	█	█	█
Compressor	█	█	█	█	█
Letting off Air	█	█	█	█	█
Rail Joints	█	█	█	█	█



*The E 69 for the first time with sound  
Current-conducting couplers that can be uncoupled  
Controllable LED interior lighting  
Train marker lights*

# Developed for Light Switching Service



## 36814 KÖf II Small Diesel Locomotive as the Class 100

**Prototype:** KÖf II small diesel locomotive as the German State Railroad (DR of the GDR) class 100. Version with an enclosed cab, large DR lamps, two compressed air tanks, and an oil bath air filter. Road number 100 801-0. The locomotive looks as it did starting in 1976.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. 2 axles powered. The locomotive has track adhesion magnets to improve the pulling power. It also has Telex couplers front and rear that can be controlled separately in digital operation. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The head-lights at Locomotive Ends 1 and 2 can be controlled separately in digital operation. When the switching range is activated or when the headlights at both ends are turned off, then the "double A" light function is on. The locomotive has separately applied metal grab irons.

Length over the buffers 7.4 cm / 2-7/8".

### Highlights:

- **mfx+ sounddecoder included for the first time.**
- **Telex couplers front and rear.**
- **KÖf II for the first time in a DR version from Märklin.**

A freight car set with 3 cars to go with this locomotive is being offered for the MHI under item number 46068.

This model can be found in a DC version in the Trix H0 assortment under item number 22119.

One-time series.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					
Telex coupler on the front					
Diesel locomotive op. sounds					
Horn					
Telex coupler on the rear					
Direct control					
Headlight(s): Cab2 End					
Whistle for switching maneuver					
Headlight(s): Cab1 End					
Sound of squealing brakes off					
Switching maneuver					
Brake Compressor					
Replenishing fuel					
Train radio					
Coupler procedure for uncoupling					

*Extensive sound functions for the first time  
First time as a DR version*



Red spoked wheels included



46068

36814



## 46068 Tank Car Set

**Prototype:** Three 2-axle tank cars with handbrake platforms and end ladders, for transporting oil. The cars are painted and lettered for the German State Railroad (DR GDR), leased to the VEB Collective Combine Minol. The cars look as they did around 1980.

**Model:** The cars have separately applied brakeman's platforms and filling platforms. The partially open car floor is modelled. Length over the buffers per car approximately 10.0 cm / 3-15/16". DC wheel set E32376004.

One-time series.



This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.

# Brilliantly Simple – Simply Brilliant



## 36431 Class 233 Diesel Locomotive

Old Experience and New Ideas! A new milestone in model railroad technology is aptly described using this motto. For now, there is the most powerful locomotive in the German Railroad's Railroad Construction Group with modelling of exhaust gas emission just like the prototype. Refined in its design and with a large water tank, running and stopping this locomotive "under steam" on long routes is a real delight. The Piezo atomizer concealed inside makes this possible. It can be controlled in **3 steps: minimum exhaust – running operation – maximum exhaust.**

**Prototype:** DB Maintenance Network, Track Construction Group, class 233 "Tiger" heavy diesel locomotive. The locomotive looks as it currently does in real life.

**Model:** The locomotive is constructed of metal and has an mfx digital decoder and extensive sound functions. It also models exhaust gas emission with a Piezo fogger. 4 axles powered. Traction tires. The triple headlight and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. Maintenance-free, warm white and red LEDs are used for the lighting. Length over the buffers 23.9 cm / 9-3/8".

### Highlights:

- First time for this locomotive with a digitally controlled cold steam based smoke unit.
- Locomotive includes a DCC/mfx decoder.

Filler pipette included.

One-time series.

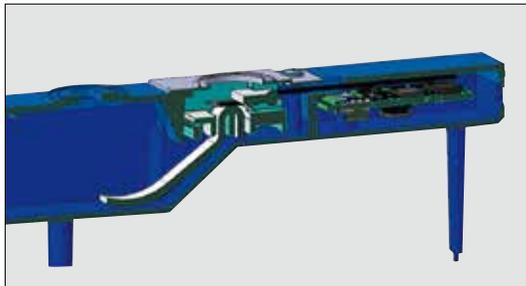


The Piezo atomizer in use

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					
Smoke generator contact					
Diesel locomotive op. sounds					
Horn					
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
High Pitch Horn					
Headlight(s): Cab1 End					
Sanding					
Whistle for switching maneuver					
Horn					
Dialog					
Sound of Couplers Engaging					
Switching maneuver					
Dialog					



**Digitally controlled Piezo atomizer**  
**Large water tank for many "kilometers/miles of running"**  
**3 steps can be selected: minimum exhaust –**  
**running operation – maximum exhaust**



Refined installation, the new Piezo atomizer with a large water tank



# There Is Hammering and Drilling Going On Here

MHI Exclusive

**märklin**  
H0



## 49967 Workshop Equipment Car

**Prototype:** Workshop equipment car for the DB Bahnbaugruppe / DB Railroad Construction Group, based on the type MDyge 986. Yellow paint scheme.

**Model:** The car has an mfx digital decoder and extensive sound functions such as metal being sawn, load area door, angle grinding, hammering, bench grinder, warning horn, compressor sounds, drilling, welding. The car has factory-installed LED interior lighting that can be controlled digitally. The car has factory-installed marker lights at both ends that can each be controlled digitally. Maintenance-free LEDs are used for the lighting. Length over the buffers approximately 26 cm / 10-1/4".

A freight car set with 3 cars to go with this car is offered in the Märklin H0 assortment under item number 49968.

One-time series.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Interior lights					Dialog
Surrounding sounds					
Marker light(s)					
Load area door					
Marker light(s)					
Surrounding sounds					
Surrounding sounds					
Surrounding sounds					
Warning Sound					
Compressor					
Surrounding sounds					
Surrounding sounds					
Surrounding sounds					
Surrounding sounds					
Dialog					
Dialog					



*mfx digital decoder included*  
*Extensive sound functions*  
*Built-in LED interior lighting*

Red marker lights on both ends that can each be controlled digitally



49967

49968

36431

This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.



## 49968 Construction Crew Car Set

**Prototype:** 3 different German Railroad Track Construction, Inc. (DBG) freight cars. Type Kbs two-axle stake car, a type Res four-axle stake car, European standard design with length of 19.90 meters / 65 feet 3-7/16", and a type Fcs dump car.

**Model:** Two-axle stake car. The side walls are modelled from a prototype of pressed metal with 20 holders for stakes. The stakes are included. The

car is loaded with models of concrete ties. Four-axle stake car. The trucks are type Y 25 welded units. The car has a metal insert for good running characteristics. The stakes are movable. The underbody is specific to the car. The car has many separately applied details. It is loaded with a pile of sand and a construction container. The type Fcs dump car has an insert of ballast. A set of figures is included.

Total length over the buffers approximately 50 cm / 19-11/16".

A workshop equipment car to go with this construction crew car set can be found under item number 49967.

One-time series.



A pile of real sand included as a freight load



49967

49968

36431



## 36504 Henschel DHG 500 Diesel Locomotive

A must for any layout operated by the entire family and a great locomotive with a guarantee for play and enjoyment. The humpbacked diesel switch engine invites you to play and occupy your time. Naturally, this locomotive can be expanded rapidly with many other products from the Märklin Start up assortment.

**Prototype:** German Railroad, Inc. (DB AG), DB Cargo Business Area, Henschel class DHG 500 diesel switch engine.

**Model:** The locomotive has a special motor, an mfx digital decoder, and two sound functions that are independent of the locomotive speed. 1 axle powered. Traction tires. The triple headlights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. There is a controllable blinking light on the cab roof. The locomotive has coupler hooks. Length over the buffers 11.2 cm / 4-3/8".

### Highlights:

- **Affordable beginner's model with a built-in mfx decoder.**
- **Sound functions and a controllable blinking light on the cab roof.**

### Digital Functions

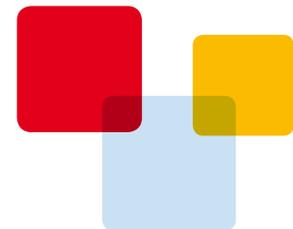
Headlight(s)
Flashing Warning Light
Diesel locomotive op. sounds
Horn
Direct control



## 44504 Cargo Freight Car Set

**Prototype:** German Railroad, Inc. (DB AG) gondola, four-axle low side car, and tank car.

**Model:** The low side car is loaded with 2 modern automobile models. The tank car has a brakeman's platform. All of the cars have close couplers. Total length over the buffers 39 cm / 15-3/8". DC wheel set E700580.



44504

36504

This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.

# Eighty Metric Tons in Switching Service



## 37909 Class V 90 Diesel Locomotive

**Prototype:** German Federal Railroad (DB) class V 90 heavy switch engine. Crimson basic paint scheme. Original version without hand rails on the sides. The locomotive looks as it did around 1967.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion, centrally mounted. 4 axles powered through cardan shafts. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlights on Locomotive End 2 and 1 can be turned off separately in digital operation. If the headlights at both ends of the locomotive are turned off, then the "double A" light function is on at both ends. Maintenance-free, warm white LEDs are used for the lighting. The engineer's cab has interior details in relief. The locomotive has separately applied metal grab irons and railings. Additional steps can be installed under the engineer's cab for larger radius curves. Length over the buffers 16.4 cm / 6-7/16".

### Highlights:

- **mfx+ digital decoder.**
- **Extensive sound functions.**
- **Model constructed mostly of metal.**
- **Telex couplers for remote-controlled uncoupling from cars.**

*mfx+ digital decoder included*

Digital Functions	CU	MS	MS 2	CS1/2	CS3
Headlight(s)					
Telex coupler on the front					
Diesel locomotive op. sounds					
Horn					
Telex coupler on the rear					
Direct control					
Headlight(s): Cab2 End					
Switching maneuver					
Headlight(s): Cab1 End					
Sound of squealing brakes off					
Brake Compressor					
Letting off Air					
Rail Joints					
Replenishing fuel					
Blower motors					
Station Announcements					



## 46462 Pressurized Gas Tank Car

"Pressurized Gas Tank Cars" are identified in Europe as hazardous materials tank cars with an orange stripe around the sides. This stripe is located halfway up the tank and has a standard width of approximately 30 cm / 12 inches. In addition, the tank car is authentically lettered and replaces with its own car number existing unit train sets.

**Prototype:** Pressurized gas tank car, used on the German Federal Railroad (DB), privately owned car painted and lettered for VTG United Tank Farm and Transportation, Inc., Hamburg, Germany.

**Model:** The car has a detailed, partially open frame. The side sills are "U" profile shapes with cable hooks. The trucks are type Minden-Dorstfeld. The tank has a heat shield. The brakeman's platform is separately applied. Length over the buffers 14.6 cm / 5-3/4". DC wheel set E700580.



See Page 35 for an explanation of the symbols and age information.



## 48014 Type Hbbikks-tt Sliding Wall Boxcar

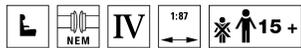
**Prototype:** German Federal Railroad (DB) type Hbbikks-tt two-axle sliding wall boxcar, with advertising for the firm Bühler.

**Model:** The frame has "fish belly" style side sills and separately applied details.

Length over the buffers 17.9 cm / 7". DC wheel set E700580.



## Inter-Zone Train D 263



## 42981 Inter-Zone Express Train Passenger Car Set

**Prototype:** 3 different design express train passenger cars, painted and lettered for the German State Railroad of the GDR DDR (DR/GDR) and the Russian Railways (RZD), as a supplement for the Inter-Zone train D 263 Hamburg – Büchen – Hagenow Land – Schwerin – Wittenberge – Nauen – Potsdam – Doberlug-Kirchhain – Dresden. 1 sleeping car (RZD), 1 slumber coach (DR/DDR), and a passenger car, 2nd class (DR/DDR). The cars look as they did around 1976/77.

**Model:** The minimum radius for operation is 360 mm / 14-3/16". All of the cars have imprinted train route signs. These cars are not designed for installation of interior lighting. All of the cars have different car numbers and are individually packaged. There is also a master package. Total length over the buffers 84 cm / 33".

The 42981 Inter-Zone express train passenger car set is the ideal add-on for the 42980 Inter-Zone express train passenger car set that has already come out. The class 01.5 express steam locomotive, item number 39206, also goes well with this car set.

This product is a cooperative project with the firm Tillig Modellbahnen GmbH & Co. KG.

One-time series.

### Highlights:

- ✦ Train route D 263 from Hamburg via Schwerin, Wittenberge to Dresden.



42980

39206

# Right across Germany



## 37527 Class 120.1 Electric Locomotive

**Prototype:** German Railroad, Inc. (DB AG) class 120.1 fast general-purpose locomotive. Regular production version. Road number 120 127-6. The locomotive looks as it did starting at the end of 2014.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion. 4 axles powered. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. Maintenance-free warm white and red LEDs are used for the lighting. The cab lighting can be controlled separately in digital operation. The cabs have interior details. The locomotive has close couplers in standard pockets with a guide mechanism. It also has separately applied metal grab irons. Length over the buffers 22.1 cm / 8-11/16".

### Highlights:

- Close couplers in standard pockets with a guide mechanism.
- mfx+ digital decoder.

This model can be found in a DC version in the Trix H0 assortment under item number 22687.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)	█	█	█	█	█
Engineer's cab lighting	█	█	█	█	█
Electric locomotive op. sounds	█	█	█	█	█
Low Pitch Horn	█	█	█	█	█
Direct control	█	█	█	█	█
Sound of squealing brakes off	█	█	█	█	█
Headlight(s): Cab2 End	█	█	█	█	█
High Pitch Horn	█	█	█	█	█
Headlight(s): Cab1 End	█	█	█	█	█
Station Announcements	█	█	█	█	█
Blower motors	█	█	█	█	█
Conductor's Whistle	█	█	█	█	█
Compressor	█	█	█	█	█
Letting off Air	█	█	█	█	█
Switching maneuver	█	█	█	█	█

*Centrally mounted motor, 4 axles powered*



# In the “metronom” through Northern Germany

The “metronom” bi-level trains on the route Hamburg – Bremen and Hamburg – Uelzen have offered a topnotch hourly schedule in fast regional passenger service since December of 2003, and since December of 2005 further on from Uelzen via Hannover to Göttingen. All of the

trains feature pleasant air conditioning and run extra quietly. They have comfortable seats with enough legroom, quiet areas, snack and drink automats in every train, generously dimensioned bicycle and wheelchair cars, as well as clean, comfortable restrooms. These trains are pulled by

160 km/h / 100 mph fast class 146.5 TRAXX electric locomotives and with their blue-yellow-white paint scheme offer a pleasant change from the red monotony of the DB AG.



# In the "metronom" through Northern Germany



## 26611 "metronom" Bi-Level Commuter Train

**Prototype:** "metronom" bi-level commuter train consisting of a class 146.2 electric locomotive, 3 bi-level intermediate cars, and 1 bi-level cab control car. The locomotive and cars are in the current paint scheme for metronom Railroad Company, LLC, Uelzen, Germany. The train looks as it currently does in real life.

**Model:** The locomotive has an mfx+ digital decoder and extensive light and sound functions. It also has controlled high-efficiency propulsion with a flywheel. All 4 axles powered by means of cardan shafts. Traction tires. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlights at Locomotive Ends 2 and 1 can be turned off separately in digital operation. The locomotive has the "double A" light function. All of the bi-level cars have factory-installed LED interior lighting. When the locomotive is pushing the train (cab control car at the front), white triple headlights light up on the cab control car. When the locomotive is pulling the train (locomotive at the front), dual red marker lights light up on the cab control car. Maintenance-free warm white and red LEDs are used for the lighting. All of the cars have current-conducting close couplers that can be uncoupled. The cab control car has a detailed buffer beam and separately applied streamlining. Total length over the buffers 130 cm / 51-3/16".

### Highlights:

- All of the cars include factory-installed LED interior lighting.
- Current-conducting couplers that can be uncoupled.
- Locomotive includes mfx+ World of Operation decoder and a variety of operating and sound functions.

One-time series.



26611

43572

26611



Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					Sanding
Station Announcements					Blower motors
Electric locomotive op. sounds					Letting off Air
Horn					Compressor
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
High Pitch Horn					
Headlight(s): Cab1 End					
Surrounding sounds					
Conductor's Whistle					
Doors Closing					
Greeting					
Train announcement					
Sound of Couplers Engaging					
Pantograph Sounds					



### 43572 "metronom" Bi-Level Add-On Car

**Prototype:** Bi-level intermediate car, 2nd class, in the current paint and lettering for the metronom Railroad Company LLC, Uelzen, Germany. The car looks as it currently does in real life.

One-time series.

**Model:** The car has factory-installed warm white LED interior lighting and current-conducting couplers that can be uncoupled. The interior lighting only functions in conjunction with the "metronom" bi-level commuter train, item number 26611. Length over the buffers 26.8 cm / 10-9/16".

#### Highlights:

- **Factory-installed LED interior lighting.**
- **Current-conducting couplers that can be uncoupled.**



# Petroleum Oil Safely Underway



## 46436 Type Zs Tank Car Set

**Prototype:** 6 different type Zs 2-axle tank cars. Privately owned cars painted and lettered for the firm VTG, Inc., Hamburg, registered in Germany. Brakeman's platforms and end ladders included on the cars.

**Model:** The cars have separately applied brakeman's platforms and end ladders catwalks. All of the cars have a representation of repaired areas. All of the cars have different car numbers and are individually packaged and marked. There is also a master package.

Length over the buffers 10 cm / 3-15/16". DC wheel set E700270.

### Highlights:

- Different car numbers.
- Each car individually packaged.

*Authentic weathering  
All of the cars individually packaged and include  
different car numbers*



See Page 35 for an explanation of the symbols and age information.





# To the Alps with the Rheingold



## 26604 "Rheingold" TEE Express Train

**Prototype:** Swiss Federal Railways (SBB) class Re 4/4 I electric locomotive. Second production run in fir green basic paint scheme with TEE signs at the ends. 2 type Ap4üm-62 TEE open seating cars, 1st class. 1 type AD4üm-62 TEE vista dome car, 1st class, dome with 4 windows. 1 type WR4üm-62 TEE dining car. All of the express train passenger cars lettered for the German Federal Railroad (DB) in the cobalt blue / beige "Rheingold" paint scheme. Train route as TEE 10 "Rheingold": Dortmund – Essen – Duisburg – Cologne – Bonn – Mainz – Mannheim – Basle SBB – Bern – Geneva. The train looks as it did in the summer of 1965.

**Model:** The locomotive has an mfx+ digital decoder and extensive light and sound functions. It also has controlled high-efficiency propulsion with a flywheel. All 4 axles powered by means of cardan shafts. Traction tires. The locomotive has separately applied roof walks. It also has separately applied metal grab irons. The Swiss headlight code (triple headlights / white marker light) change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlights at Locomotive Ends 2 and 1 can be turned off separately in digital operation. The locomotive has the "double A" light function. Brake hoses are included that can be mounted on the locomotive. All of the TEE express train passenger cars have factory-installed LED interior lighting. One open seating car is equipped with red marker lights and a pickup shoe. The entire car consist is supplied with power by means of the factory-installed current-conducting couplers. Maintenance-free warm white and red LEDs are used for the lighting. The TEE vista dome car has a dome from the

second production run with 4 large panorama windows. The underbodies and skirting for the cars are specific to the types of cars. The trucks are Minden-Deutz heavy designs, prototypically equipped with double brake shoes, magnet rail brakes, and separately applied generators. Total length over the buffers 131 cm / 51-1/2".

### Highlights:

- All of the cars include factory-installed LED interior lighting.
- Current-conducting couplers that can be uncoupled.
- One open seating car includes built-in marker lights and a mounted pickup shoe.
- Vista dome car includes new dome tooling and 4 large panorama windows.
- Locomotive includes mfx+ World of Operation decoder and a variety of operating and sound functions.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					CS3
Conductor's Whistle					
Electric locomotive op. sounds					
Locomotive whistle					
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
Whistle for switching maneuver					
Headlight(s): Cab1 End					
Stat. Announce. – Swiss					
Greeting					
Train announcement					
Sound of Couplers Engaging					
Pantograph Sounds					
Sanding					
Main Relay					

One-time series for the start of the European TEE service 60 years ago on June 2, 1957.



*At the beginning of the Fifties, the central European railroads began to grapple intensively with the competition from airplanes and automobiles in order to win back for the railroads the well-to-do clientele of business travelers. Seven railroads (CFL, DB, FS, NS, SBB, SNCB, and SNCF) thus established in 1954 the so-called "TransEuropExpress Committee" in order to win back potential customers for long-distance service on medium distances with speed and a high level of service. It was quickly agreed that diesel powered rail cars were suitable vehicles for international train routes. Eight European railroads then agreed for the annual*

*schedule for 1957/58 (the ÖBB came later) to introduce a system of high-quality fast trains exclusively for 1st class – the Trans-Europe-Express (TEE). Not all of the initially planned connections came into effect, but agreement was finally reached on 13 pairs of trains on a route network of 5,100 kilometers / 3,187 miles. Ten of these TEE trains with sonorous names went into operation for the summer schedule starting June 2, 1957: "Rhein-Main" (Amsterdam – Frankfurt), "Saphir" (Oostende – Dortmund), "Helvetia" (Hamburg – Zürich), "Paris-Ruhr" (Paris – Dortmund), "Edelweiss" (Amsterdam – Zürich), "Étoile du Nord" (Paris – Amsterdam),*

*"Oiseau Bleu" (Paris – Brussels), "Arbalète" (Paris – Zürich), "Île de France" (Paris – Amsterdam), and "Mont Cenis" (Lyon – Milan). Added to this for the winter schedule in 1957 were the three remaining connections: "Mediolanum" (Munich – Innsbruck – Milan), "Ligure" (Marseille – Nice – Genoa – Milan), and "Parsifal" (Paris – Cologne – Dortmund). The DB, the FS, the NS/SBB, and the SNCF purchased diesel powered rail cars for these TEE services, fulfilled the demands for the highest level of comfort, and ran only 1st class.*

**Type AD4üm-62 TEE vista dome car with 4 panorama windows**



# On Time on Schedules by the Minute



## 29487 "Zürich S-Bahn" Digital Starter Set. 230 Volts

**Prototype:** Swiss Federal Railways (SBB/CFF/FFS) class Re 4/4 II (Class 420) locomotive and 2 bi-level commuter cars. 1 type HVZ bi-level car, 1st/2nd class, and 1 type HVZ bi-level car, 2nd class. The train looks as the Zürich S-Bahn currently does in real life.

**Model:** The locomotive is constructed of metal and has an mfx digital decoder, controlled high-efficiency propulsion, and extensive sound functions. 2 axles powered. Traction tires. The triple headlights and 1 white marker light (Swiss light code) change over with the direction of travel, will work in conventional operation, and can be controlled digitally. When the locomotive is running "light", the lighting can be changed to 1 red marker light. Warm white and red LEDs are used for the lighting. Train length 71.3 cm / 28".

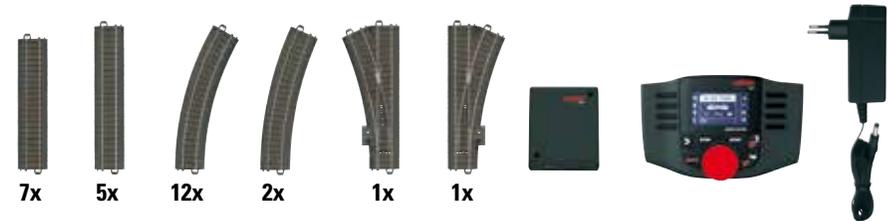
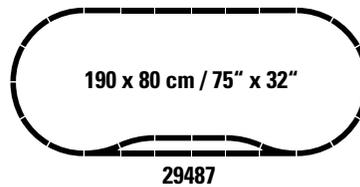
**Contents:** 12 no. 24130 curved track, 5 no. 24188 straight track, 7 no. 24172 straight track, 2 no. 24224 curved track, and 1 pair of 24611 and 24612 turnouts. A track connector box, a 36 VA / 230 volt switched mode power pack, and a Mobile Station are included. An illustrated instruction manual with many tips and ideas is also included. This set can be expanded with the C Track extension sets and with the entire C Track program.

### Highlights:

- **The ideal way to get started in the digital world of Märklin H0.**
- **Automatic registration of the locomotive in the Mobile Station by means of the built-in mfx decoder.**
- **Easy to set up C Track layout.**

The 43576 cab control car can be added to complete the train.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					
Marker light(s)					
Electric locomotive op. sounds					
Locomotive whistle					
Direct control					
Sound of squealing brakes off					
Headlight(s): Cab2 End					
Long distance headlights					
Headlight(s): Cab1 End					
Conductor's Whistle					
Whistle for switching maneuver					
Main Relay					
Compressor					



43576

29487



### 43576 Bi-Level Cab Control Car

**Prototype:** Swiss Federal Railways (SBB/CFF/FFS) type DPZplus Bt, 2nd class, painted and lettered for the Zürich S-Bahn. The car looks as it currently does in real life.

**Model:** The car has a detailed buffer beam with separately applied streamlining. The train destination sign is lighted. The cab has interior details. Current-conducting 7319 plug-in coupling drawbars or 72020/72021 close couplers that can be uncoupled can be installed on the car. Length over the buffers 27.3 cm / 10-3/4".

When operated control car first, triple headlights shine.

When operated control car last, dual red marker lights shine.





### 39465 Class Re 460 Electric Locomotive

The SBB Re 460 029 "Eulach" was presented on July 17, 2015 at the Morgens Station in the new Chiquita design. This locomotive was used in this design for a year on the entire SBB passenger service network.

**Prototype:** Swiss Federal Railways (SBB/CFF/FFS) class Re 460 fast general-purpose locomotive with advertising for Chiquita bananas. Road number: 460 029-2. The locomotive looks as it did starting in 2015.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion, centrally mounted. 4 axles powered. Traction tires. The triple headlamps and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlamps at

Locomotive Ends 2 and 1 can be turned off separately in digital operation. The locomotive has long-distance headlamps that can be controlled digitally. You can change between the Swiss headlight / marker light code and the white/red headlight / marker light code. Maintenance-free warm white and red LEDs are used for the lighting. The locomotive has new, intricate single-arm pantographs. It also has separately applied metal grab irons. The cabs have interior details. Length over the buffers 21.3 cm / 8-3/8".

This model can be found in a DC version in the Trix H0 assortment under item number 22943.

One-time series.

Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					Stat. Announce. – Ital.
Light Function					Stat. Announce. – Ital.
Electric locomotive op. sounds					Train announcement
Horn					Stat. Announce. – Fren.
Long distance headlamps					Train announcement
Engineer's cab lighting					Train announcement
Headlight(s): Cab2 End					Stat. Announce. – Swiss
Locomotive whistle					
Headlight(s): Cab1 End					
Sound of squealing brakes off					
Direct control					
Blower motors					
Stat. Announce. – Swiss					
Conductor's Whistle					
Doors Closing					
Train announcement					

**New, intricate single-arm pantographs**  
**Centrally mounted motor included. All four axles powered**  
**Cab lighting**  
**European and Swiss headlight / marker light code**  
**mfx+ digital decoder**





## 45806 Type Faccns Bulk Freight Car Set

**Prototype:** 2 different type Faccns four-axle hopper cars. Privately owned cars painted and lettered for the firm MBC, Transports de la region Morges Bière Cossonay SA, CH-1110 Morges 2, Switzerland, registered in the Czech Republic. The cars include platforms at both ends and ladders going up from the platforms. The cars look as they currently do in real life.

**Model:** Both cars have detailed, partially open frames. They also have separately applied platforms and end ladders. Both cars have different car numbers and are individually packaged. There is also a master package. Length over the buffers per car 14.5 cm / 5-3/4".

This product was done in cooperation with the firm Tillig Modellbahnen GmbH & Co. KG.

One-time series.



## "Friesche Coöperatieve" Shortened to "Frico"



## 48831 Type Ghs "Oppeln" Boxcar

**Prototype:** Type Ghs "Oppeln" Interchange design boxcar. Short version, without a brakeman's cab and without a brakeman's platform. Privately owned car painted and lettered for the firm Frico Leeuwarden, used on the Dutch State Railways (NS). "drink Rivella" advertising included. Car number 552 402 P. The car looks as it did around 1964.

**Model:** Length over the buffers 10.4 cm / 4-1/8".  
DC wheel set E700580.



Starting in the Sixties the "Kruiwagen", the pushcart, faded into the background as a figurative trademark



# Off to the stadium



## 48617 Märklin Start up Club Annual Car for 2017

**Model:** This is a container car in a Bundesliga paint scheme with a representation of all of the club logos for the 2017/2018 season. The car includes a 30-foot container superstructure. The car has Relex couplers. Length over the buffers 11.5 cm / 4-1/2". DC wheel set E700580.

Annual model for members of the Märklin Start up Club and for Märklin Insider.

This car goes with the "Bundesliga" diesel locomotive available under item number 36655 and with the car sets, item numbers 44812, 44813, and 44814.

One-time series.



### Highlights:

- Start up Club "Bundesliga" annual car with an image of all of the club logos for the 2017/2018 season.

## All of the "Bundesliga" clubs included

Right car side



All Bundesliga club logos and DFL logos are protected trademarks of the respective clubs/organisations and are used with the kind permission of the respective owners. Manufactured under license from the DFL e.V. in sole responsibility of Gebr. Märklin & Cie. GmbH.

The product shown here still shows the clubs from the 2016/2017 season.

Left car side



This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.

# The Surprise Set for a Birthday



## 44231 Happy Birthday Car

**Prototype:** Type Kklm 505 two-axle low side car in a colorful paint and lettering scheme.

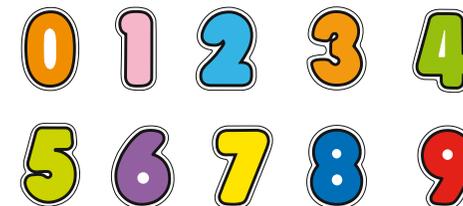
**Model:** The car is loaded with a high-quality model constructed of metal. In addition, the railroad car has a set of numbers to mount on the car. The car has Relex couplers.

Length over the buffers 11.5 cm / 4-1/2". DC wheel set E700580.

### Highlights:

- The high-quality model invites you to play.
- An ideal product as a birthday gift.

Set of numbers



Load shown may vary



## 48517 Märklin Magazin Annual Car in H0 for 2017

**Prototype:** Type F-z 120 (former Ommi 51) two-axle dump car. Privately owned car painted and lettered for the Märklin Magazin, Göppingen, Germany, used on the German Federal Railroad (DB). Hand brake and brakeman's platform included, rail clamps included. The car looks as it did around 1990.

One-time series.



## 80827 Märklin Magazin Annual Car in Z Gauge for 2017

**Prototype:** Type Fas 126 side dump car, as a privately owned car painted and lettered for the Märklin Magazin. The car looks as it did around 2011.

**Model:** The car body is made of finely detailed and imprinted plastic. Length over the buffers approximately 57 mm / 2-1/4".

One-time series for 2017.



## In a Limited Stop Train on the Branch Line

---

*The "Heckeneilzug" / "Backwoods Limited Stop Train" – a designation that has long since disappeared in the course of regularly scheduled service – conjures up the image of a whole world of railroading with connections free of transfers from the country to the commuter belts of large metropolitan areas. In the second half of the Thirties, the DRG had already increasingly begun to integrate branch lines into the long distance network. Running long-distance passenger trains on branch lines thus enabled shortcuts and connections free of transfers between regions located off the main lines and the metropolitan areas. The new*

*German Federal Railroad continued these services after cleaning up the worst of the war damage. One striking connection was originated starting in January of 1950 by the limited stop pair of trains Frankfurt – Bremen via Marburg – Korbach – Büren – Paderborn – Bielefeld – Rahden – Bassum with a 443 kilometer / 277 mile long run, of it 278 kilometers / 174 miles or 63% on branch lines. In addition to a daily connection free of transfers for the first time between Frankfurt and Bremen, this new pair of trains offered a new direct connection with the comfort of a long-distance train to numerous additional locations. This*

*concept worked out well and numerous other connections were added in the following years. Focal points were chiefly Lower Saxony, Schleswig-Holstein, and North Rhine Westphalia with their long branch lines. The local expression with its somewhat lightly mocking tone soon came into being as "Heckeneilzug", loosely translated as "Backwoods Limited Stop Train" for these long-distance services. The German name for these trains referred to the many hedgerows found in the Northern German landscape where many of these trains ran. Individual backwoods limited stop passenger trains stood out particularly due to the inclusion*



of through cars. Of interest here, are chiefly the trains in East Lower Saxony that ran through cars for decades between the Harz region and Hamburg as well as between the Rhine-Main area and Flensburg.

With regard to rolling stock, the backwoods limited stop trains did not fundamentally differ from the other long distance limited stop trains with quite high quality car features. In the beginning, limited stop passenger cars from prewar designs and occasionally older express train passenger cars were available, but in the Sixties, the "Silberlinge" / "Silver Coins" cars frequently

running at that time in express trains quickly found new activity in the backwoods limited stop trains. Even modern express train passenger cars occasionally enhanced the looks of the trains. In the beginning only steam locomotives were available as motive power, but in the mid-Sixties diesel locomotives of the classes V 100, V 160, and V 200 came on line, and of course electric locomotives under catenary. The increasing abandonment of branch lines in large numbers in the Seventies as well as the buildup of regularly scheduled services on rationalized lines soon left no room for the backwoods limited stop passenger trains. With

the discontinuance of the famous "Kleber Express" (Munich – Buchloe – Memmingen – Kisslegg – Aulendorf – Sigmaringen – Tuttlingen – Donaueschingen – Neustadt/Schwarzwald – Freiburg/Breisgau) in December of 2003 the chapter about the "Heckeneilzüge" / "Backwoods Limited Stop Passenger Trains" was finally closed.

### Different interior details



### 87549 DB "Heckeneilzug" / "Backwoods Limited Stop" Train Set

**Prototype:** So-called DB "Heckeneilzug" / "Backwoods Limited Stop Passenger Train as it looked in Era IV, consisting of a type Byg 514 rebuild car, 2nd class, in chrome oxide green, a type Bnb 719 commuter car, 2nd class, silver / ocean blue, and a type Bym 421 center entry car, 2nd class, in ocean blue / ivory.

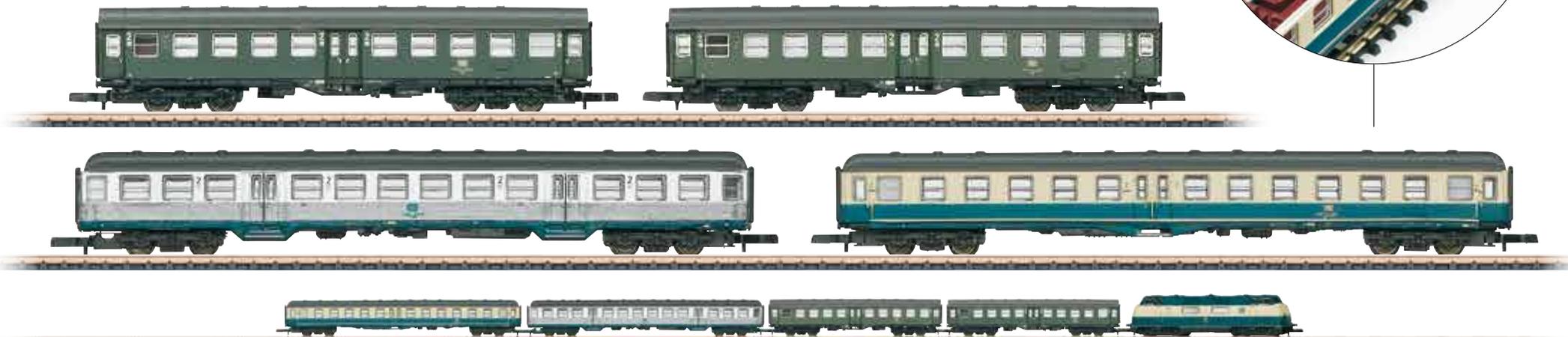
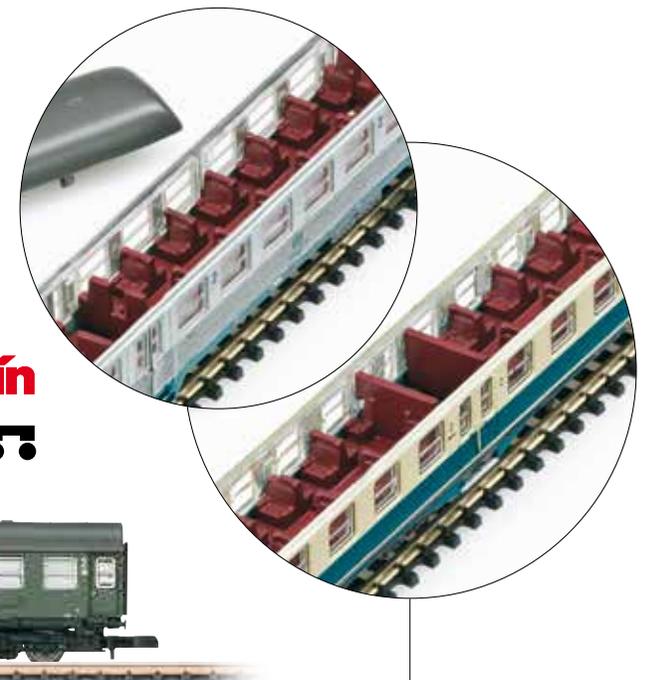
**Model:** All of the cars have realistic paint schemes and lettering. The cars have close coupler hooks and each car has different interior details. Total length over the buffers approximately 420 mm / 16-1/2".

**Highlights:**

- ✓ Realistic paint schemes and lettering.
- ✓ Close coupler hooks.
- ✓ Interior details modelled.

This set goes with the 88202 locomotive.

The 87549 set is being produced in a one-time series only for the Märklin Dealer Initiative (MHI).



87549

88202

This model is being produced in a one-time series only for the Märklin Dealer Initiative (MHI). 5 years warranty on all MHI/Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012. See Page 35 for warranty terms. See Page 35 for an explanation of the symbols and age information.



## 88202 Class 220 Diesel Locomotive in Ocean Blue / Light Ivory

**Prototype:** German Federal Railroad (DB) class 220 (former V 200.0) heavy diesel hydraulic general-purpose locomotive in the striking paint scheme of ocean blue / light ivory. The locomotive looks as it did around 1980.

**Model:** All of the axles on the locomotive are powered. The locomotive has dark wheel treads. Maintenance-free warm white and red LED are used for the lighting. The headlights and marker lights change over with the direction of travel. The engine room details are modelled, and the locomotive has a fine complete paint scheme. Length over the buffers 84 mm / 3-5/16".

The 88202 locomotive is being produced in 2017 in a one-time series for the Märklin Dealer Initiative (MHI).





## 82423 Type Res 687 Freight Car

**Prototype:** German Railroad, Inc. (DB AG) type Res 687 four-axle flat car.

**Model:** The car has a fine prototypical paint and lettering scheme. The upper side of the car body and the end walls of the stake car are prototypically painted and they are also **lightly weathered**. The flat car floor is constructed of metal. Length over the buffers 92 mm / 3-5/8".

This car also goes with 81451 and 82424.

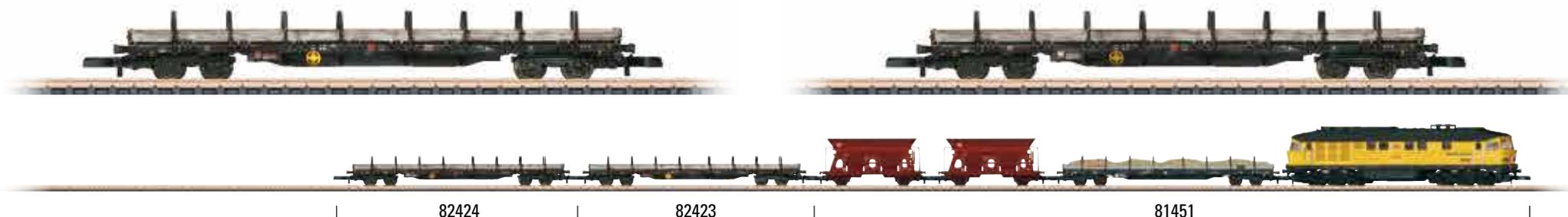


## 82424 Type Res 687 Freight Car

**Prototype:** German Railroad, Inc. (DB AG) type Res 687 four-axle flat car.

**Model:** The car has a fine prototypical paint and lettering scheme. The upper side of the car body and the end walls of the stake car are prototypically painted and they are also **lightly weathered**. The flat car floor is constructed of metal. Length over the buffers 92 mm / 3-5/8".

This car also goes with 81451 and 82423.



# I wish I...



## 82302 Christmas Add-On Car Set

**Prototype:** American boxcar and American caboose in a Christmas paint and lettering scheme.

**Model:** The boxcar and caboose come in a Christmas paint and lettering scheme and are equipped with black solid wheels. Boxcar length 72 mm / 2-13/16", caboose length 51 mm / 2".

**Highlights:**

➤ This car set goes with 81845, 81846, etc.



See Page 35 for an explanation of the symbols and age information.

# Treasured Exotic Locomotives



## 55607 Class E 60 Electric Locomotive

Remarkable form, unusual task: the E 60 – one of the few electric switch engines in German railroad history. Placed into service in 1927, they quickly acquired the nickname “Flat Iron” due to their long and short hoods. They acquired their unique look – small electric DRB lanterns – in their characteristic shape in the small series down to road number E 60 08. Ideal for 1 Gauge fans who love prototypical switching and station operations. Or, for small layouts. Any way you look at it, a real attention getter.

**Prototype:** German Federal Railroad (DB) class E 60 as it looked in Era IIIb. Switch engine with cab windows as they originally looked in real life, without switching platforms, type SBS 10 pantograph, 2 DB design headlights, and 1 marker light at the ends. Green basic paint scheme. Road number E 60 08, based in Freilassing.

**Model:** Minimum radius for operation 1,020 mm / 40-3/16". Length over the buffers 35 cm / 13-3/4".

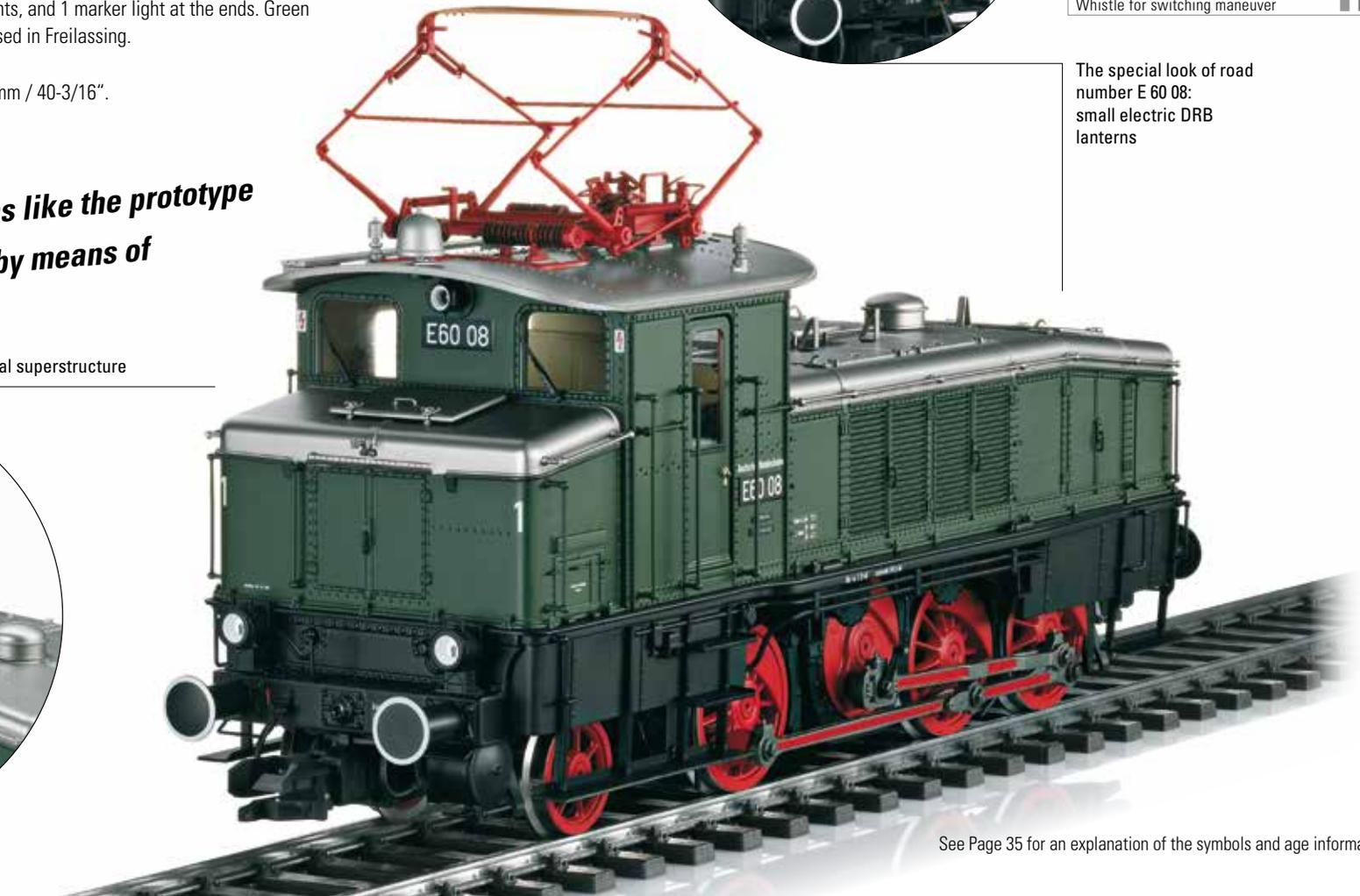
One-time series.



Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					
Pantograph control					
Electric locomotive op. sounds					
Locomotive whistle					
Interior lights					
Telex coupler on the front					
Front Headlights off					
Telex coupler on the rear					
Rear Headlights off					
Sound of squealing brakes off					
Direct control					
Bell					
Light(s) for Oncoming Train					
Letting off Air					
Operating sounds					
Whistle for switching maneuver					

**Small electric DRB lanterns like the prototype  
Propulsion prototypically by means of  
a jackshaft**

Detailed, prototypical superstructure



The special look of road number E 60 08: small electric DRB lanterns

See Page 35 for an explanation of the symbols and age information.



© A. Luft



58817

58816

58815

58307

58385

55607



## 58490 DB Type R10 Stake Car

**Prototype:** German Federal Railroad (DB) type R10 as it looked in Era IIIb. Used to transport sawn logs. Car number 405 092.

**Model:** The car has a brakeman's platform and a brake handle that can be turned. It also has many separately applied details such as the brake

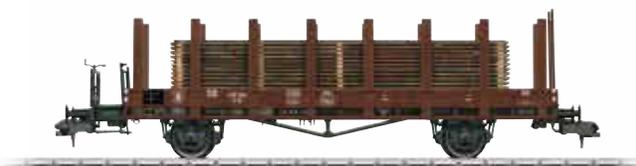
air tank, brake lines, brake shoe holders, brake crank, and brake rigging. The car has 2 sawn logs of real wood on an appropriate load frame. Prototype couplers are included. The minimum radius for operation is 1,020 mm / 40-3/16". Length over the buffers 37.5 cm / 14-3/4".



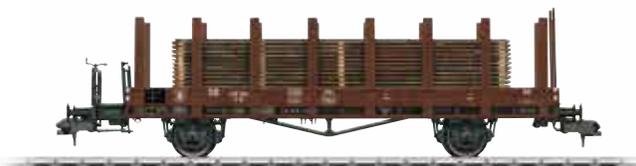
This new item is also available with another car number as variant:



## 58421 DB Type R10 Stake Car Car number 408 584



## 58422 DB Type R10 Stake Car Car number 403 327



Loaded with real wood for the maximum prototype realism



Item no.	Page	Item no.	Page
26195	5	58421	34
26604	20	58422	34
26611	16	58490	34
29487	22	80827	27
36246	36	82302	31
36431	8	82423	31
36504	11	82424	31
36814	6	87549	29
37527	14	88202	30
37909	12		
39465	24		
42981	13		
43572	17		
43576	23		
44231	27		
44504	11		
45806	25		
46068	7		
46436	18		
46462	12		
48014	13		
48517	27		
48617	26		
48831	25		
49967	9		
49968	10		
55607	32		

-  Metal locomotive frame.
-  Metal frame and mostly metal locomotive body.
-  Metal frame and locomotive body.
-  Metal car frame.
-  Märklin close couplers in standard pocket with pivot point.
-  Märklin close couplers in standard pocket with guide mechanism.
-  Lokomotive/car has sprung buffers.
-  Automatic claw couplers can be replaced with reproduction prototype couplers.
-  Built-in interior details.
-  Digital decoder with up to 32 digitally controlled functions. The quantity depends on the controller being used.
-  Digital decoder mfx+ (Märklin World of Operation).
-  DCC decoder.
-  Built-in sound effects circuit.
-  Dual headlights that change over with the direction of travel.
-  Triple headlights front and rear.

-  Triple headlights that change over with the direction of the travel.
-  Triple headlights and two red marker lights that change over with the direction of travel.
-  Triple headlights and a red marker light that change over with the direction of travel.
-  Triple headlights and a white marker light that change over with the direction of travel.
-  Dual red marker lights.
-  Built-in interior lighting.
-  Interior lighting can be installed (example: with 7330).
-  Built-in LED interior lighting.
-  Scale for the passenger car length 1:87.
-  Scale for the passenger car length 1:93.5.
-  Scale for the passenger car length 1:100.
-  Exclusive special models for the Märklin Dealer Initiative – produced in a one-time series. The Märklin Dealer Initiative is an international association of mid-sized toy and model railroad specialty dealers (MHI International). These models are produced in a one-time series only for the Märklin Dealer Initiative (MHI). **5-year warranty** on all MHI products and club products (Märklin Insider and Trix Club) from 2012 on.

-  Era I (1835 to 1925)
-  Era II (1925 to 1945)
-  Era III (1945 to 1970)
-  Era IV (1970 to 1990)
-  Era V (1990-2006)
-  Era VI (2006 to the present)

### Age Information and Warnings.



**WARNING!** Not suitable for children under 3 years. Sharp edges and points required for operation. Danger of choking due to detachable small parts that may be swallowed.



For adults only.

#### Märklin MHI Guarantee conditions

When you buy these Märklin MHI products (these products are identified with the pictogram), the firm Gebr. Märklin & Cie. GmbH will also grant you independent of the legal, national warranty rights available to you in regard to your Märklin MHI specialty dealer as your contracting partner or your rights from product liability a manufacturer's warranty of 60 months from the date of purchase under the terms given below. This allows you independent of the location of the purchase the possibility to claim defects or malfunctions directly from the firm of Märklin as the manufacturer of the product. The Märklin manufacturer's warranty only applies to the technology of the models. Visual defects or incomplete products can be claimed within the framework of the warranty obligations of the seller of the product.

#### Warranty Conditions

This warranty applies to Märklin assortment products and individual parts that are purchased by a Märklin MHI specialty dealer worldwide. Either the warranty form filled out in full by the Märklin MHI specialty dealer or the purchase receipt will serve as proof of purchase. We therefore recommend that this warranty form should be kept safe along with the purchase receipt. Contents of the Warranty / Exclusions: This warranty includes as selected by the manufacturer correction of any possible defects at no charge or replacement of defective parts at no charge that can be proven to result from design, manufacturing, or material defects, including service performed that is linked to this situation. Other claims outside of the manufacturer's warranty are excluded.

#### The terms of the warranty do not apply

- In the case of malfunctioning of the product due to wear and tear or in the case of parts that wear out in normal use.
- If the installation of certain electronic elements contrary to the manufacturer's specifications was carried out by individuals not authorized to do such installations.
- In the case of use of the product for a purpose other than that specified by the manufacturer.
- If the references and notes from the manufacturer in the operating instructions were not followed.
- Any and all claims arising from the warranty implied or otherwise or replacement for damages are excluded, if other makes of parts not authorized by Märklin have been installed in Märklin products, and have hereby caused malfunctions or damages. The same applies to conversions that were carried out by neither by

Märklin nor by repair centers authorized by Märklin. The irrefutable assumption that the aforementioned non-Märklin parts or conversions are the cause for the malfunction or damages works fundamentally in Märklin's favor.

- The warranty period is not extended by repair or replacement of the product covered under warranty. Warranty claims can be submitted directly to the seller or by sending the claimed item/part together with the warranty card or the proof of purchase and a summary of the defects directly to the firm Märklin. In accepting the product for repair, Märklin and the seller assume no liability for data or settings stored on the product by the consumer. Warranty claims sent shipping collect cannot be accepted.

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## 36246 Class 24 Steam Locomotive with a Tender

**Prototype:** German Federal Railroad (DB) class 24 steam passenger locomotive with a tender. Standard design locomotive with Witte smoke deflectors. The locomotive looks as it did at the start of the Sixties.

**Model:** The locomotive has an mfx digital decoder and extensive sound functions. It also has a special motor in the boiler. 3 axles powered. Traction tires. The boiler is constructed of metal. The locomotive comes with a factory-installed 72270 smoke unit. The triple headlamps change over with the direction of travel. They and the built-in smoke unit will work in conventional operation and can be controlled digitally. Maintenance-free, warm white LEDs are used for the lighting. There is a close coupling with a guide mechanism between the locomotive and the tender. There is a close coupler with an NEM pocket and a guide mechanism on the rear of the tender. There is a close coupler in an NEM pocket on the front of the locomotive.

Length over the buffers 19.4 cm / 7-5/8".

### Highlights:

- ✓ **Authentic weathering.**
- ✓ **Locomotive comes with a collector's display case and a certificate of authenticity.**
- ✓ **Factory-installed smoke unit.**

Limited edition. Exclusive series in 2017 for the Märklin Stores.

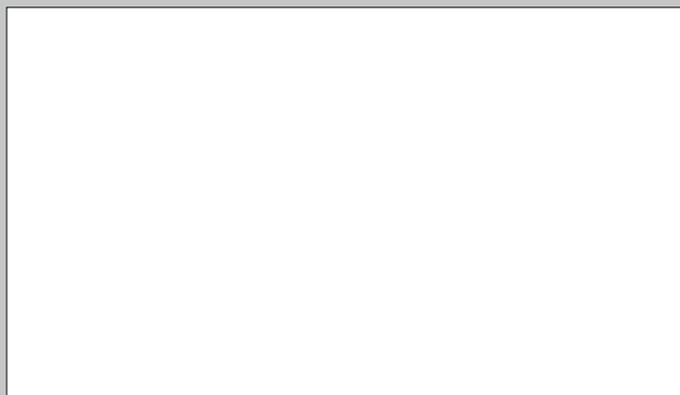
*Authentic weathering*

*Limited edition*

*Special model – only available in Märklin Stores (Germany: Mainz, Essen, Stuttgart, Neustadt/Danube, Mühlheim/Main, Munich, Hamburg – Netherlands: Utrecht – Italy: Bergamo – Japan: Osaka)*



Digital Functions	CU	MS	MS 2	CS1-2	CS3
Headlight(s)					
Smoke generator					
Steam locomotive op. sounds					
Locomotive whistle					
Direct control					
Sound of squealing brakes off					
Bell					
Whistle for switching maneuver					
Letting off Steam					
Air Pump					
Sound of coal being shoveled					
Grate Shaken					
Injectors					
Generator Sounds					



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