JAHRE | YEARS

MINITRIX

New Items 2019 Minitrix. The Fascination of the Original.

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Dear Minitrix Fans,

Welcome to the new items for 2019 and the 60th anniversary of Minitrix. You could believe that this might be the reason why you presently have an independent Minitrix new items brochure in your hands, but that is not so – it was your ideas and wishes that prompted us to put out your own brochure again.

With products and accessories tailor made to a point of view at 1:160.

Sprinkled with new Minitrix tooling and popular car compositions, in the next 64 pages we are going to take you on a journey through the railroad eras and also show you some curiosities.

So for example, the express service car that became famous beyond Cologne. Later, it did not keep its place and it was therefore sent by the railroad management to Berlin. Or, the express train passenger cars of the Baltic-Orient Express that became famous.

For anyone with a passion for collecting, we recommend opening page 48. Here you will encounter a reptile that is exceptionally rare and that is also celebrating an anniversary.

Whether it is regional service or long distance connections by IC, maintaining branch lines in the early Twenties or rather modern freight service – In these new items, we are presenting you with a broad assortment of locomotives, cars, and accessories across all of the railroad eras.

Enjoy browsing in 1:160 scale

Your Minitrix Team







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EXCLUSIV 1/2019







One-Time Series for 2019

The Märklin-Händler-Initiative (MHI) or Märklin Dealer Initiative is an international association of mid-level toy and model railroad specialty dealers.

Since 1990, the MHI has been producing one-time special series for its members that are available exclusively through the specialty dealers of this association.

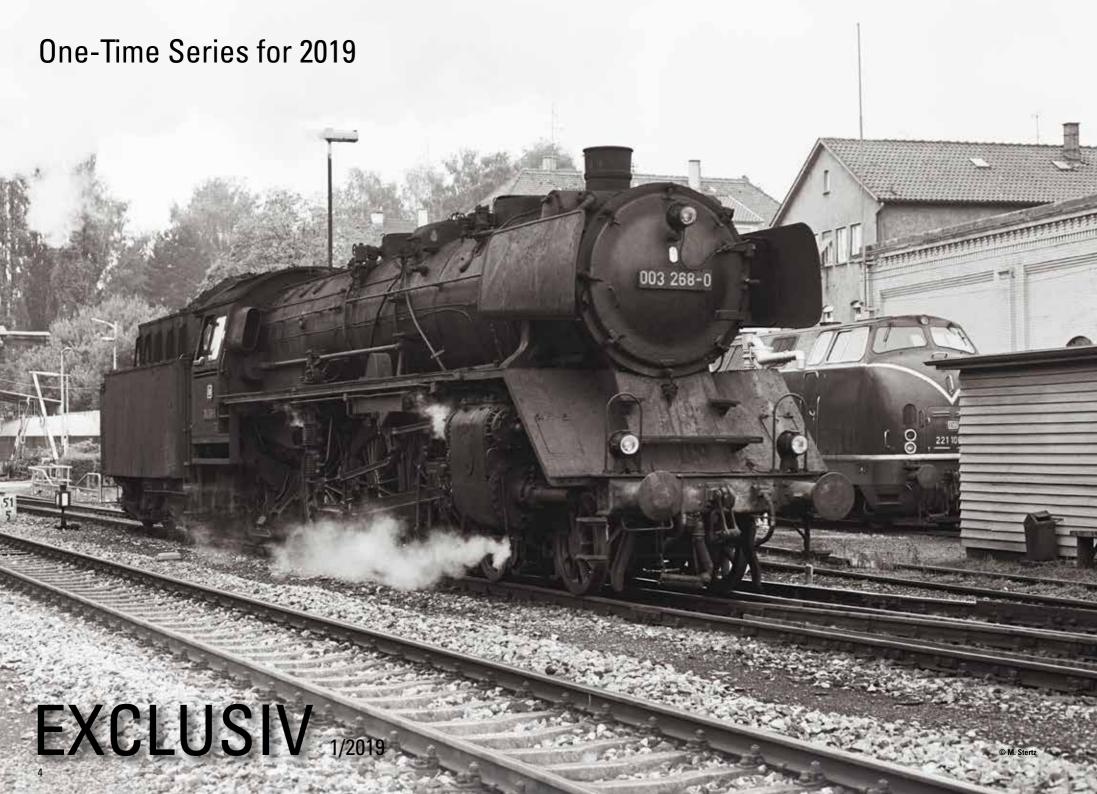
MHI special productions are innovative products with special differentiation in paint, imprinting, and technical features for the advanced model railroader or also replicas from earlier Märklin times. The MHI also promotes model trains for children with special products and supports its members to do this. MHI products for the Märklin and Trix brands are manufactured in one-time series and are only available in limited quantities.

All MHI special productions are identified with the pictogram **Erro**.

The dealers of our international association can be described in particular as having the full assortment of Märklin and/or Trix products as well as having special qualifications for giving advice and service. We emphasize this with a 5-year warranty on MHI products.

MHI dealers near you can be found on the Internet at **www.mhi-portal.eu**.

márklín MHI





Digital functions under DCC

Steam locomotive op. sounds

Sound of squealing brakes off

Whistle for switching maneuver

Headlight(s)

Locomotive whistle

Running gear lights

Engineer's cab lighting Special sound function

Letting off Steam Replenishing fuel

Direct control



16031 Class 003 Steam Locomotive

Prototype: German Federal Railroad (DB) class 003 steam locomotive, road number 003 268-0, with Witte smoke deflectors. The locomotive looks as it did around 1970. **Model**: The tender is constructed of die-cast metal. The locomotive has a built-in digital decoder and sound generator with the formats DCC and Selectrix. The locomotive and tender are close coupled. 3 axles in the tender powered. Traction tires. Warm white LEDs are used for the

triple headlights, running gear lights, and cab lighting. The headlights change over with the direction of travel and will work in analog operation. Length over the buffers 150 mm / 5-7/8".

- Running gear lights.
- Cab lighting.
- Digital sound with many functions.

An accessory parts kit with brakeman's steps, rail guards, piston rod protection sleeves, and a front coupler with a pocket is included.

The ideal car set to go with this locomotive can be found under item number 15473.

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 65 for warranty terms. See Page 64 for an explanation of the symbols and age information.

One-Time Series for 2019

15473 "D 730" Express Train Passenger Car Set

Prototype: Five (5) different design German Federal Railroad (DB) express train passenger cars, for the express train D 730 from Norddeich Mole via Cologne, Darmstadt, Stuttgart, to Munich. One (1) type Büm 234 compartment car, 2nd class. One (1) type Aüm 203 compartment car, 1st class. One (1) type Bcüm 243 slumber coach, 2nd class. One (1) type WLABümh 174 sleeping car and one (1) type Düm 902 baggage car. The cars are in the "Pop Cars of Summer 1974" look.

Model: All of the cars have close coupler mechanisms. Interior lighting can be installed in the cars. The baggage car has LED marker lights.

Total length over the buffers 825 mm / 32-1/2".

- New tooling for the type Aüm 203.
- First time for all cars with fixed steps.
- Baggage car includes marker lights.
- All of the cars in the "Pop" paint scheme.

EXCLUSIV 1/2019

Interior lighting for these cars: 66616 LED Lighting Kit.

One-time series.









märklín MH 5773



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 65 for warranty terms. See Page 64 for an explanation of the symbols and age information.



The class 03 steam locomotives came about starting in 1930 as a lighter variation, as a "small 01". Thanks to their axle load of only 18 metric tons, they were allowed to run on all main lines. These lightweight express steam locomotives were able to survive on the DB up to the beginning of the Seventies. In the end, Ulm served as a final base, where road number 003 268 had arrived starting in September of 1969. Up to 1972, it used Ulm along with its siblings mostly on the main line to Friedrichshafen, where it pulled mainly limited stop fast passenger trains and regular passenger trains. However, there were also bright spots. Now and then express trains were on the program. In addition to services outside of regular schedules, the schedule in 1971 even included an express train between Friedrichshafen and Lindau. This can now be reproduced prototypically as a model.



Minitrix Club Model for 2019





With more horsepower to Lindau.

Thought was given at the DB about increasing performance for the class V 160 locomotives used for heavy passenger service on the still non-electrified line with its many curves from Munich to Lindau. The plan was to enable faster and more efficient operations on the route Munich – Zürich. The class V 160 was projected for medium heavy service and the German Federal Railroad decided to purchase eight class 210 diesel locomotives with gas turbine as auxiliary drive.

16210 Class 210 Diesel Locomotive

Prototype: German Federal Railroad (DB) diesel road engine, road number 210 003-0, with an added gas turbine and gas turbine exhaust hoods. The locomotive looks as it did around 1972.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. The motor includes a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The cabs have lighting that can be controlled digitally. The locomotive has a close coupler mechanism. It also has separately applied grab irons. The headlights and marker lights change over with the direction of travel in analog operation.

New Minitrix tooling

- Grab irons separately applied.
- Warm white LEDs for the lighting.
- Cab lighting.
- Digital sound with many functions.

One-time series for Trix Club members.

A car set to go with this locomotive is available under item number 15219.

Digital functions under DCC	
Headlight(s)	
Operating sounds	
Diesel locomotive op. sounds	
Engineer's cab lighting	
Direct control	
Sound of squealing brakes off	
Rear Headlights off	
High Pitch Horn	
Front Headlights off	
Station Announcements	
Conductor's Whistle	
Doors Closing	
Low Pitch Horn	
Compressor	
Operating Sounds 1	
Special sound function	
Operating Sounds 2	
Blower motors	
Replenishing fuel	
Station Announcements	
Station Announcements	
Special sound function	
Special sound function	
Train announcement	
Whistle for switching maneuver	

Still not a club member? Registration form on Page 61.

MHI:::





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DB 210 003-0 ,

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"Freight Train" Digital Starter Set

11147 "Freight Train" Digital Starter Set

Prototype: Mitsui Rail Capital Europe (MRCE) class 185.1 electric locomotive, a DB AG type Res 2 flat car, and an ermewa type Rils sliding tarp car. The train looks as it did around 2012.

Model: The locomotive frame is constructed of die-cast metal. The locomotive has a DCC/Selectrix decoder with a sound generator. It also has a 5-pole motor with two (2) flywheels. The locomotive has a close coupler mechanism. The headlights and marker lights change over with the direction of travel. 4 axles powered. Traction tires. The

cars have close coupler mechanisms. Total train length 282 mm / 11-1/8". A Mobile Station, a track connector box, a 36 VA / 230 volt switched mode power pack, and an oval of track with Radius 2 curved track are included. Space required: $110 \times 50 \text{ cm} / 44" \times 20"$. Total length over the buffers for the train approximately 366 mm / 14-3/8".

- Locomotive includes a DCC decoder.
- Sound.

Can be expanded with the entire Minitrix track program.

Digital functions under DCC
Headlight(s)
Horn
Electric locomotive op. sounds
Front Headlights off
Direct control
Sound of squealing brakes off
Rear Headlights off
Engineer's cab lighting
Front Headlights off
Station Announcements
Blower motors
Letting off Air
Brake Compressor
Special sound function
Conductor's Whistle
Special sound function

















"Intercity" Starter Set

11150 "Intercity" Starter Set

Prototype: German Railroad, Inc. (DB AG) passenger train: class 120 electric locomotive and two (2) passenger cars, 2nd class, all painted and lettered for the DB AG. **Model**: The locomotive has a digital interface. It also has a 5-pole motor with a flywheel. 4 axles powered. The headlights and marker lights are LEDs and they change over with the direction of travel. The locomotive has a close coupler mechanism. The passenger cars have close coupler mechanisms and the 66616 LED lighting kit can be installed in these cars. Total train length 450 mm / 17-3/4".

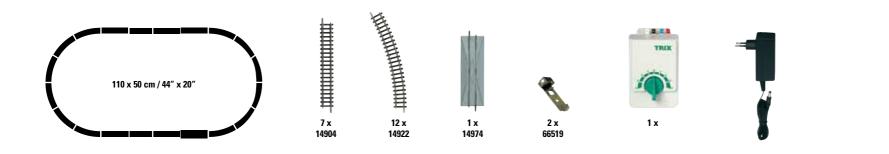
A locomotive controller with a switched mode power pack and hardware for connections are included. The oval of track includes Radius 2 curved track. Space required: 110 x 50 cm / 44" x 20".



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Welcome to Minitrix "my Hobby"



A hobby is pure leisure time enjoyment for many people. It is the compensation for the daily round of activity. Our new line "my Hobby" is tailored exactly to these needs and is aimed at everyone who views their hobby as an escape from the daily grind. You do not have to do without the proven Minitrix quality for your daily portion of passion. Here Minitrix is offering the right alternatives for those people who pursue their hobby mostly for fun.

The DB standard type program for electric locomotives laid down in 1954 foresaw the use of the class E 10 in express and fast train service. These regular production locomotives were capable of 150 km/h / 94 mph and were designed to pull 500 metric ton express trains up 0.5% grades at 140 km/h / 87 mph. In October of 1954, the DB ordered the first units designated as the class E 10.1. Krauss-Maffei was responsible for the mechanical part of the design and SSW did the electrical part. Henschel, Krupp, AEG, and BBC also participated in the building of the locomotives. On December 4, 1956, the DB took delivery of the first regular production unit as road number E 10 101. By 1963 another 286 units had followed it (E 10 101-264; E 10 271-287). Starting in October of 1962 the DB placed road numbers E 10 1265-1270 in service as motive power for the flagship train "Rheingold". Thanks to a gear change, they were capable of 160 km/h / 100 mph. The streamlined body with the characteristic "Bügelfalte" / "Pants Crease" on the ends used for the first time on these locomotives was applied starting in 1963 to all class E 10 units. Locomotives designed this way formed the sub-class E 10.3. The first regular production unit with the pants crease was road number E 10 288. The six Rheingold E 10.12 units were followed in 1964 by five more locomotives, road numbers E 10 1308-1312. The last series of 160 km/h / 100 mph units were already delivered in 1968 as road numbers 112 485-504. The DB took delivery of 379

regular production units of the classes E 10.1/E 10.3 as well as 31 units of the class E 10.12. A girder-built underframe and a superstructure framework of steel shapes were a welded design on which the outer "skin" of sheet metal pieces were welded. The outer skin together with a girder-built underframe and roof construction formed a self-supporting unit. The four traction motors provided 3,620 kilowatts / 4,854 horsepower. The SSW rubber ring spring drive was used as a drive system. The pantographs were newly developed and were given the designation DBS 54a. Over time, the appearance of most units changed due to numerous rebuilding projects. All that can be mentioned is the removal of the skirting (E 10.3), the conversion of the vents, the removal of

roof gutters, and much more. In the course of their service lives, the paint schemes for the locomotives and quite often their class numbers changed. Road numbers 112 485-504 thus became 114 485-504 in 1988 and starting in 1991 road numbers 110 485-504. The rest of the class 112 units ran as the class 113 starting in 1992. Starting in 2005 several class 110 units were transferred from DB Regio to DB Auto Train (dissolved in September of 2013 and transferred to DB Long Distance Service) and run there as the class 115. The last class 110 units were pushed to the side in February of 2014 and only nine class 115 units are still running, among them five "Pants Creases".



16108 Class 110.3 Electric Locomotive

Prototype: German Railroad, Inc. (DB AG) electric locomotive, road number 110 435-5, with creased ends ("Bügelfalte" / "Pants Crease"). B-B wheel arrangement. Built starting in 1963.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. It also has a motor with a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights and marker lights can be controlled digitally. The locomotive has a close coupler mechanism. The headlights and marker lights change over with the direction of travel in analog operation. Length over the buffers 103 mm / 4-1/16".

Digital sound with many functions



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Digital functions under DCC			
Headlight(s)			
Locomotive whistle			
Electric locomotive op. sounds			
Locomotive whistle			
Direct control			
Sound of squealing brakes off			
Rear Headlights off			
Conductor's Whistle			
Front Headlights off			
Station Announcements			
Station Announcements			
Brake Compressor			
Sanding			
Cab Radio			
Blower motors			
Doors Closing			



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Minitrix Hobby program

18085 Hobby Tank Car

Prototype: Two-axle tank car painted and lettered for German State Railroad (DR). **Model**: The car has a separately applied platform, catwalk, and ladder. It also has a detailed, partially open frame. The car's construction is simplified. Length over the buffers 55 mm / 2-1/8".









18084 Hobby Tank Car

Prototype: Two-axle tank car painted and lettered for "CAIB", used on the Belgian State Railways (SNCB/ NMBS).

Model: The car has a separately applied platform, catwalk, and ladder. It also has a detailed, partially open frame. The car's construction is simplified. Length over the buffers 55 mm / 2-1/8".





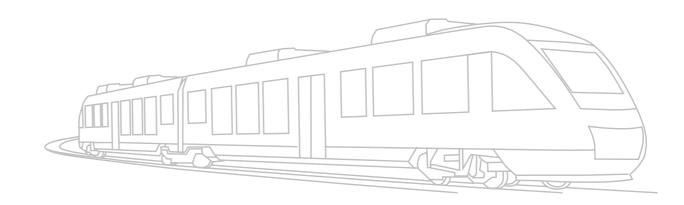




18086 Hobby Refrigerator Car for Do-Yourself-Painting

Prototype: Type Tehs 50 refrigerator car. **Model**: The car has the theme "Commuter Service Powered Rail Car" for do-yourself-painting with permanent fine-tip markers (not included). The car has a close coupler mechanism.

Length over the buffers 68 mm / 2-11/16".











A Heavy Load

16415 Class 41 Steam Locomotive

Prototype: German Federal Railroad (DB) steam locomotive with a tender, road number 41 255. Prewar version with Wagner smoke deflectors, prewar boiler, and a type2'2'T34 standard design box tender. The locomotive looks as it did around 1951.

Model: The tender is constructed of die-cast metal. The locomotive has a built-in digital decoder and sound generator with the formats DCC and Selectrix. The locomotive and tender are close coupled. 3 axles in the tender powered. Traction tires. Warm white LEDs are used for the triple headlights, running gear lights, and cab lighting. The headlights change over with the direction of travel and will work in analog operation. Length over the buffers 150 mm / 5-7/8".

• Running gear lights.

• Cab lighting.

An accessory parts kit with brakeman's steps, rail guards, piston rod protection sleeves, and a front coupler with a pocket is included.

Digital sound with many functions



Digital functions under DCC
Headlight(s)
Locomotive whistle
Steam locomotive op. sounds
Running gear lights
Direct control
Sound of squealing brakes off
Engineer's cab lighting
Special sound function
Whistle for switching maneuver
Letting off Steam
Replenishing fuel
Replenishing fuel
Special sound function
Station Announcements
Conductor's Whistle
Special sound function
Air Pump
Special sound function
"Switcher Double ""A"" Light"
Generator Sounds
Feed Pump
Injectors
Safety Valve
Special sound function
Sanding
Sound of Couplers Engaging
Rail Joints
Bell



ErzId

15449 Display with 10 Type Erz Id Hopper Cars

Prototype: Ten (10) German Federal Railroad (DB) fouraxle type Erz Id hopper cars from the OOtz 44 design. Version with very low upper bodies and brakeman's platforms. Some still lettered Brit.-US Zone (three (3) cars). Used to transport iron ore. Standard design welded pressed sheet metal trucks, with girders welded in place as reinforcement. The cars look as they did around 1952. **Model**: The hopper cars have detailed construction with different car numbers. All of the cars have brakeman's platforms and a set wheel at the end. The hopper cars have load inserts of real scale-sized iron ore. All of the cars are individually packaged. Length over the buffers per car 64 mm / 2-1/2".

- Many different car numbers.
- Ideal for unit trains.









Munich – Lindau

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15219 "D 360" Express Train Passenger Car Set

Prototype: Five (5) different design German Federal Railroad (DB) express train passenger cars for the express train D 360 from Munich via Buchloe, Kempten, Immenstadt, to Lindau (with through cars to Chur and Lyon). Two (2) type Büm 234 compartment cars, 2nd class. Two (2) type ABüm 225 compartment cars, 1st/2nd class. One (1) type Düms 905 baggage car. The cars look as they did around 1975.

Model: All of the cars have close coupler mechanisms. Interior lighting can be installed in the cars. One (1) passenger car, 2nd class, has LED marker lights. The cars are individually packaged and marked. Total length over the buffers 825 mm / 32-1/2".

• First time for all cars to have fixed steps.

• First time for a 2nd class car with marker lights.

Lighting kit to go in these cars: **66616 LED lighting kit.**











See Page 64 for an explanation of the symbols and age information.





Type Post mr-a Railroad Postal Car

15540 "Deutsche Bundespost" Car Set

Prototype: Two (2) Deutsche Bundespost (DBP) / German Federal Postal System type Post mr-a mail cars, in the version with the car routing Ulm – Friedrichshafen – Ravensburg – Ulm.

The cars look as they did in 1978. **Model**: The cars are new tooling. The cars have close coupler mechanisms. Interior lighting can be installed in the cars.

Total length over the buffers 330 mm / 13".

• New tooling.

Interior lighting for these cars: **66616 LED Lighting Kit.**

First time as an N Gauge model Minitrix new tooling







After the new DB had decided on 26.4 meters / 86 feet as a standard for passenger cars at the start of the Fifties, the German Federal Postal System quickly saw the advantages of these long cars. It therefore contracted with a design partnership under the lead of the car builder Waggonfabrik Uerdingen for the development of 26.4 meter / 86 foot railroad postal cars for express trains. In line with the level of the technology, the following requirements were made such as widening the sliding doors for container service, increasing the load weight from 20 to 25 metric tons, car bodies fitting in with the look of the DB cars, installation of a forced air heating and dust removal system, and rubber diaphragms with roll-down doors.

Out of this came railroad postal cars, which harmonized marvelously with the new DB cars. Their car bodies were built up in a welded design of steel shapes using a self-supporting shell construction, whereby the skirting formed a component part of the support construction. Their windows consisted of safety glass with a wire beading and were almost flush with the exterior wall. Particular emphasis was put on good heating and sound insulation. The interior space of the cars had a functional division in three parts consisting of a letter area, outgoing pouch area, and a package area. The equipment was done following the latest views such as baggage racks in the ceiling area, package frames, package grills, letter pigeonholes, sorting tables. and outgoing pouch tables, pouch spreaders, letter pouch stanchions, and loading hatches. All of the outside doors were designed as wide, single-piece sliding doors of lightweight metal construction. The forced air heating and dust removal system mounted for the most part under the floor was noteworthy. Enough fluorescent lamps with a lighting intensity never achieved in the past gave good lighting at all workstations.

In line with their intended use, the railroad postal cars were set up to haul postal mailings of all kinds. All postal mailings (letters, small packages, and packages) were processed before and during the trip. Naturally, these cars were used mainly at night, since the bulk of postal mailings were handed in by senders in the afternoon and evening, and they were supposed to reach their destination the next morning. In some cases, these cars were used in special mail trains, but it was common to see them also in "D-Zug" express trains and "Eilzug" limited stop fast trains as well as other types of trains on the German Federal Railroad. The era of railroad mail did not come to an end until 1997, since the German Postal System, with a fundamental restructuring, now favored sorting in newly created, automated letter distribution centers, which were no longer close to the tracks.







40 Years of IC '79

At the end of the Seventies, it became evident in the interim that the 3,115 kilometer / 1,947 mile first class only IC network at that time could also cover a large part of 2nd class long distance passenger service with its stops. The DB therefore decided to introduce hourly schedules with mixed class trains on the four IC lines at that time at the start of the summer schedule for 1979 on May 27. This followed the slogan "Every hour – every class": the "IC 79". All of the hubs remained intact for this. The new magic phrase was block trains and all IC trains thus ran with blocks of cars for 1st and 2nd class, separated by a dining car or Quick Pick cafeteria car. It was pure chance that the routings of the lines being run were set up in such a way that at hub stations the same car classes stood opposite each other. Still, there were line swaps as demonstrated in particular by the ever poorly utilized Line 4 north of Hannover. In addition, the IC trains ran in some cases beyond the basic network and on the so-called "approach and exit routes" the cities of Aachen, Amsterdam, Berchtesgaden, Braunschweig, Bremerhaven, Brussels, Garmisch-Partenkirchen, Geneva, Innsbruck, Kassel, Klagenfurt, Kiel, Ludwigshafen, Milan, Regensburg, Saarbrücken, Westerland, and Vienna were served by the IC trains.

One hundred fifty two trains now ran on the four lines of the main network. As a rule, these trains consisted of three 1st class cars, a dining car, and seven 2nd class cars. In case of need, these consists with a train weight of 500 metric tons could be lengthened by one more car. The existing 144 class 103.1 locomotives also were the motive power for the majority of the IC trains. On some trains however, units of the classes 110, 111, and 112 had to help. The best thing about the new system was the introduction of the timed system exact down to minutes. A passenger could now absolutely rely on the IC trains leaving every hour at the same minute. The DB had thereby created a new foundation for long distance service with the interconnected and timed IC system. This new offering for everyone doubtlessly fostered recognition of considerable progress compared to the conventional "D-Zua" express train. It was

thus no wonder that the concept of the "IC 79" very quickly acquired an outstanding reputation and it was accepted by the passengers very positively. The reliability and frequency of the connections with a schedule that was very easy to remember now guaranteed the DB long distance service by rail worldwide regard and an outstanding position. In the following years, the "IC 79" system remained largely unchanged and the number of trains remained more or less constant. It had merely grown to 162 by the introduction of "IC 85".

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16304 Class 103.1 Electric Locomotive

Prototype: German Federal Railroad (DB) electric locomotive, road number 103 128-5. C-C wheel arrangement. Built starting in 1970.

Model: The body is made of plastic filled with metal for improved pulling power. The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. It also has a motor with a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights, marker lights, cab lighting, and engine room lighting can be controlled digitally. The locomotive has a close coupler mechanism. It also has separately applied grab irons. The headlights and marker lights change over with the direction of travel in analog operation. Length over the buffers 122 mm / 4-13/16".

Body made of plastic filled with metal

- Technical changes.
- Body made of plastic filled with metal.
- Digital sound with many functions.
- Warm white LEDs for lighting.

Another technical innovation: Read more in the current Märklin Magazin – issue 01/19.



Digital functions under DCC

Digital functions under DCC
Headlight(s)
Locomotive whistle
Electric locomotive op. sounds
Light Function
Direct control
Sound of squealing brakes off
Headlight(s): Cab2 End
Light Function
Headlight(s): Cab1 End
Station Announcements
Conductor's Whistle
Brake Compressor
Blower motors
Letting off Air
Engineer's cab lighting
Special Function
Sanding
Doors Closing
Special Function
Train announcement
Station Announcements
Station Announcements
Station Announcements
Train announcement
Train announcement

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IC 611 Gutenberg

From Hamburg-Altona via Cologne, Stuttgart to Munich as it looked in 1984. All of the cars in the sets have close coupler mechanisms and built-in LED interior lighting.



15459 "IC 611 Gutenberg" Express Train Passenger Car Set

Prototype: Three (3) different design German Federal Railroad (DB) express train passenger cars. One (1) type Apmz 122 open seating car, 1st class. One (1) type ARmz 211.0 dining car. One (1) type Bm 235 compartment car, 2nd class.

40 Years of IC '79 All of the cars include LED interior lighting

Model: The type Bm 235 compartment car has LED marker lights. Total length over the buffers 495 mm / 19-1/2".

• First time for a 2nd class car with marker lights.





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15460 "IC 611 Gutenberg" Express Train Passenger Car Set

Prototype: Three (3) different design German Federal Railroad (DB) express train passenger cars. One (1) type Avmz 111.1 compartment car, 1st class. One (1) type Bm 235 compartment car, 2nd class. One (1) type Bpmz 291.3 open seating car, 2nd class. **Model**: Total length over the buffers 495 mm / 19-1/2".

• Decal set for "IC Kurierdienst" (IC courier service) included.









City Bahn

Branch lines have always been problem children for the German railroad. In 1984, the German Federal Railroad took a new approach to increase the attractiveness of service on little used routes. The project went under the name "City-Bahn" and initially one route was selected for this service: Cologne – Gummersbach. "Silberlinge" / "Silver Coins" commuter cars were used as rolling stock and were rebuilt to the latest standard at that time. A train café was set up in one of the cars and the exterior of these trains was borrowed from the paint scheme for the S-Bahn in the Rhine/Ruhr area. The paint scheme for the locomotives was adapted to that of the trains in order to achieve a high level of recognition for the "City-Bahn" product. Class 218 diesels were used on the route Cologne – Gummersbach. The railroad was able to register a clear increase in passengers thanks to the "City-Bahn", and this increase was the result of the dense service at regular intervals. Without a doubt, the "City-Bahn" concept kept rail service alive on routes threatened with abandonment until it was replaced by its successor, the "Stadt-Express" or "City Express".



16280 Class 218 Diesel Locomotive

Prototype: German Federal Railroad (DB) general-purpose locomotive, road number 218 143-6. Diesel hydraulic locomotive with electric train heating. Version in the pure orange / light gray paint scheme as a "City Bahn" locomotive for the route Cologne-Gummersbach.

Model: The locomotive has tooling changes and a new version of the roof to represent the first production series. It also has a built-in digital decoder and sound generator

for operation with DCC and Selectrix. The motor includes a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The cabs have lighting that can be controlled digitally. The locomotive has a close coupler mechanism. It also has separately applied grab irons. The headlights and marker lights change over with the direction of travel in analog operation. Length over the buffers 102 mm / 4".

- Tooling changes.
- Digital sound with many functions.

Digital functions under DCC

Headlight(s)
Headlight(s)
Diesel locomotive op. sounds
Engineer's cab lighting
Direct control
Sound of squealing brakes off
Rear Headlights off
High Pitch Horn
Front Headlights off
Station Announcements
Conductor's Whistle
Doors Closing
Low Pitch Horn
Compressor
Special sound function
Special sound function
Special sound function
Diesel Heating Engine
Train announcement
Train announcement
Train announcement
Special sound function
Special sound function





City Bahn

$IV \xrightarrow{DCC} \underbrace{\swarrow}_{LED} \underbrace{\swarrow}_{LED} \underbrace{\Downarrow}_{NEM} \overset{\bullet}{*} \overset{\bullet}{\uparrow} \overset{\bullet}{15} +$

15474 "City Bahn" Car Set

Prototype: German Federal Railroad (DB) type ABnrzb 772.1 "City Bahn" commuter car, 1st/2nd class, with a cafeteria compartment (car number: 50 80 31-34 025-2), type ABnrzb 772.1 "City Bahn" commuter car, 1st/2nd class, (car number: 50 80 31-34 013-8), and type BDnrzf 784 "City Bahn" commuter cab control car (car number: 50 80 82-34 295-9).

Model: The cars have close coupler mechanisms. Interior lighting can be installed in the cars (cab control car excluded). The cab control car has automatic white headlights and red marker lights that change over with the direction of travel and will work in analog and digital operation. In digital operation, they can be controlled with the built-in DCC/SX function decoder.

Total length over the buffers 495 mm / 19-1/2".

Interior lighting for this car: **66616 LED Lighting Kit.**

You can make a complete train with the car, 2nd class, available as item number 15475, and the class 218 diesel locomotive, available as item number 16280 as well as the 15985 baggage car.

Including a cafeteria compartment









15475 "City Bahn" Add-On Car

Prototype: German Federal Railroad (DB) type Bnrzb 778.1"City Bahn" commuter car, 2nd class (car number: 50 80 22-34 180-6). **Model**: The car has a close coupler mechanism. Interior lighting can be installed in the car. Length over the buffers 165 mm / 6-1/2".

Interior lighting for this car: 66616 LED Lighting Kit.



Digital functions under DCC

Headlight(s)



15985 Type Dm 903 Baggage Car Prototype: Type Dm 903 baggage car, painted and lettered for the Cologne-Gummersbach "City-Bahn" "DB Express Service". The car looks as it did starting in 1987. **Model**: The car is new tooling. The car has a close

Model: The car is new tooling. The car has a close coupler mechanism and LED marker lights. Interior lighting can be installed in the car. Length over the buffers 165 mm / 6-1/2".

• New tooling.

• LED marker lights.

Interior lighting for this car: 66616 LED Lighting Kit.



First time as an N Gauge model New Minitrix tooling Express service car including marker lights



In Regional Service

16144 Class 141 Electric Locomotive

Prototype: German Federal Railroad (DB) standard design electric locomotive, road number 141 430-9. "Orient Red" basic paint scheme. Version with double lamps, and Klatte type air intake grills. The locomotive looks as it did around 1987.

Model: The locomotive has a body and frame constructed of die-cast zinc. It also has a built-in digital decoder and sound generator for operation with DCC and Selectrix. The locomotive has a motor with a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights, marker lights, and engine room lighting can be controlled digitally. The locomotive has separately applied grab irons. The headlights and marker lights change over with the direction of travel in analog operation. Length over the buffers 98 mm / 3-7/8".

• Digital sound with many functions.



Special light function Electric locomotive op. sounds Engineer's cab lighting Direct control Sound of squealing brakes off
Engineer's cab lighting Direct control Sound of squealing brakes off
Direct control Sound of squealing brakes off
Sound of squealing brakes off
1 0
Rear Headlights off
Locomotive whistle
Front Headlights off
Station Announcements
Conductor's Whistle
Brake Compressor
Blower motors
Letting off Air
Whistle for switching maneuver
Special Function
Sanding
Station Announcements
Locomotive whistle
Station Announcements
Train announcement
Train announcement
Train announcement
Special sound function
Special sound function Special sound function



15467

15468

| **16144** | See Page 64 for an explanation of the symbols and age information.



Digital functions under DCC

Headlight(s)

15467 Passenger Car Set

Prototype: Two (2) German Federal Railroad (DB) commuter cars. One (1) type BDmrzf 784.2 car, cab control car with a baggage area, and one (1) type ABnrzb 772.3 car. **Model**: The cars have close coupler mechanisms. Interior lighting can be installed in the cars (cab control car excluded). The cab control car has automatic white headlights and red marker lights that change over with the direction of travel. They can be controlled digitally with the function decoder and they also work in analog operation. The cars are authentically painted and lettered. Total length over the buffers 330 mm / 13".

• Function decoder.

Interior lighting for this car: **66616 LED Lighting Kit.**





 \mathbf{V}

15468 Passenger Car

Prototype: German Federal Railroad (DB) type Bnrz 778.2 commuter car, 2nd class. **Model**: The car has a close coupler mechanism. Interior lighting can be installed in the car. Length over the buffers 165 mm / 6-1/2". Interior lighting for this car: 66616 LED Lighting Kit.



15807 Type Bnrkz 493 Bistro Car

Prototype: Type Bnburzb "Kaffeeküch" / "Coffee Snack Bar" fast train passenger car, car number 50 80 85-34 003-4, in the City-Bahn paint scheme with advertising around 1995. Only car preserved.

Model: The car has a close coupler mechanism. Interior lighting can be installed in the car. Length over the buffers 165 mm / 6-1/2".

Interior lighting for this car: 66616 LED Lighting Kit.



In S-Bahn Service

16114 Class 111 Electric Locomotive

Prototype: German Federal Railroad (DB) electric locomotive, road number 111 137-6. B-B wheel arrangement. Built starting in 1974.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. It also has a motor with a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights, marker lights, and engine room lighting can be controlled digitally. The locomotive has a close coupler mechanism. The headlights and marker lights change over with the direction of travel in analog operation.

Length over the buffers 104 mm / 4-1/8".



Digital functions under DCC
Headlight(s)
Horn
Electric locomotive op. sounds
Engineer's cab lighting
Direct control
Sound of squealing brakes off
Rear Headlights off
Whistle for switching maneuver
Front Headlights off
Station Announcements
Blower motors
Letting off Air
Brake Compressor
Conductor's Whistle
Doors Closing
Special Function

Digital sound with many functions







15708 "S-Bahn" Passenger Car Set

Prototype: German Federal Railroad (DB) type Bxf 796.1 S-Bahn cab control car, type ABx 791.1 S-Bahn car, 1st/2nd class, and type Bx 794.1 S-Bahn car, 2nd class. Paint scheme in the advertising design for Coca-Cola[®]. Use: S-Bahn trains Cologne-Düsseldorf around 1992. **Model**: The cab control car has white headlights and red marker lights at the cab end that change over with the direction of travel and will work in analog and digital operation. In digital operation, they can be controlled with the built-in DCC/SX function decoder. The cars have close coupler mechanisms. Interior lighting can be installed in the cars (cab control car excluded).

Total length over the buffers 464 mm / 18-1/4".

Interior lighting for these cars: **66616 LED Lighting Kit.**

Digital functions under DCC Headlight(s)









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Conny





16821 Class 218 Diesel Locomotive

Prototype: German Railroad, Inc. (DB AG) "CONNY" general-purpose locomotive, road number 218 460-4, West Franconian Railroad regional service. Diesel hydraulic locomotive with roof version to accommodate the MTU 16V 4000 R40 motor. With offset exhaust hoods. **Model**: The locomotive has tooling changes and a new version of the roof to represent correctly the offset exhaust hoods on road number 218 460-4. It also has a builtin digital decoder and sound generator for operation with

DCC and Selectrix. The motor includes a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The cabs have lighting that can be controlled digitally. The locomotive has a close coupler mechanism. The headlights and marker lights change over with the direction of travel in analog operation. The locomotive has separately applied grab irons. Length over the buffers 102 mm / 4".

In use all over Germany



Tooling changes.

• Digital sound with many functions.

ight(s)	
eer's cab lighting	
locomotive op. sounds	
listance headlights	
control	
of squealing brakes off	
leadlights off	
Pitch Horn	
Headlights off	
n Announcements	
ctor's Whistle	
Compressor	
er motors	
g off Air	
itch Horn	
al sound function	
ng Sound	
Closing	
al sound function	
nishing fuel	
al sound function	
al sound function	
pints	



15981 Type Dd 498.2 Bicycle Transport Car

Prototype: Type Dd 498.2 bicycle transport car, painted and lettered for DB Regio AG.The car looks as it did starting in 1997.

Model: The car is new tooling. The car has a close coupler mechanism. Interior lighting can be installed in the car.

Length over the buffers 165 mm / 6-1/2".

Interior lighting for this car: 66616 LED Lighting Kit.

New tooling



Gex



15311 "Gex" Car Set

Prototype: Two (2) type Poste-c/26,1-54, postal cars painted and lettered for the German Postal System, used on the German State Railroad (DR) as baggage and express freight trains (Gex) for roller containers. The cars look as they did in 1988.

Model: The cars are new tooling. The cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 330 mm / 13".

Interior lighting for this car: 66616 LED Lighting Kit.



Pour la première fois comme modèle à l'échelle N

New tooling







V 🕅 💵 👬 15 +

15486 Type Y/B Express Train Passenger Car Prototype: German State Railroad (DR/GDR) type Ame express train passenger car from the Y/B design in the IR paint scheme around 1992. Built starting in 1968. **Model**: The car has a close coupler mechanism. Interior lighting can be installed in the car. Length over the buffers 153 mm / 6".

Interior lighting for this car: **66616 LED Lighting Kit.**

First time in this paint scheme!







15779 Express Train Passenger Car, 2nd Class Prototype: Austrian Federal Railways (ÖBB) skirted express train passenger car, 2nd class, in the so-called blood orange "Jaffa" paint scheme. The car looks as it did around 1984.

Model: The car has a close coupler mechanism. Length over the buffers 133 mm / 5-1/4". Lighting kits to go with this car: 66616 LED Lighting Kit.

Reissue with a new car number



Baltic-Orient Express

15995 "Baltic-Orient Express" Express Train Passenger Car Set

Prototype: Two (2) German State Railroad (DR/GDR) type UIC Y express train passenger cars, 2nd class, and one (1) type UIC Y express train passenger car, 1st class. **Model**: All of the cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 459 mm / 18-1/16".

Interior lighting for these cars: 66616 LED Lighting Kit. All of the cars from the famous train run



IV (15 +

15996 "Baltic-Orient Express" Express Train Passenger Car Set

Prototype: Three (3) type WLAB UIC Y express train sleeping cars painted and lettered for the DR/GDR, CFR, and MAV railroads.

Model: These express train sleeping cars have close coupler mechanisms. Interior lighting can be installed in the cars.

Total length over the buffers 459 mm / 18-1/16".

Interior lighting for these cars: 66616 LED Lighting Kit.



15997 "Baltic-Orient Express" Express Train Passenger Car Set

Prototype: Two (2) type UIC Y express train passenger cars, 2nd class, and one (1) type UIC Y slumber coach, 2nd class, painted and lettered for the Czech Railroad (Československé státní dráhy ČSD). **Model**: The cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 459 mm / 18-1/16". Interior lighting for these cars: 66616 LED Lighting Kit.





The Baltic-Orient Express can be assembled from the 15995, 15996, and 15997 car sets.









16681 "Crocodile" Class Ce 6/8 III Electric Locomotive

Prototype: SBB Historic class Ce 6/8 III, road number 14305. The locomotive looks as it did after 2017. 2-6-6-2 wheel arrangement. Built starting in 1926. World famous electric locomotive type, nicknamed "Crocodile". **Model**: The body is made of plastic filled with metal for improved pulling power. The locomotive has a built-in digital decoder and sound generator with the formats DCC and Selectrix. It also has a motor with a flywheel. 6 axles powered. Traction tires. Warm white LEDs are used for the triple headlights. The locomotive has NEM coupler pockets. The headlights and marker lights change over with the direction of travel and will work in analog operation. This model is limited to 1.400 pieces for the 100th anniversary. A consecutively numbered certificate of authenticity is included. Length over the buffers 125 mm / 4-15/16".

Another technical innovation: Read more in the current Märklin Magazin – issue 01/19.

Headlight(s) Locomotive whistle Electric locomotive op. sounds Whistle for switching maneuver Direct control Sound of squealing brakes off Headlight(s): Cab2 End Light Function Headlight(s): Cab1 End Station Announcements Conductor's Whistle Compressor Blower motors Letting off Air Cab Radio Special sound function Special sound function Station Announcements Pantograph Sounds Main Relay Special sound function Special sound function Sound of Couplers Engaging **Rail Joints** Sanding Special light function

Digital functions under DCC

Limited to 1.400 pieces Body made of plastic filled with metal

> This model is being issued in 2019 in a one-time series for the 100th anniversary of the legendary class Ce 6/8 III "Crocodile"

]()(

electric locomotive and is strictly limited worldwide to 1.400 pieces.

Many sound and control functions. Warm white LEDs headlights.

• Limited to 1.400 pieces.

Tooling and technical changes.

Body made of plastic filled with metal.

48



V

15307 Type Hbis-v Sliding Wall Boxcar Set

Prototype: Two (2) Swiss Federal Railways (SBB/CFF/ FFS) type Hbis-v sliding wall boxcars. Designs with smooth walls and with walls having a raised pattern. **Model**: The cars have close coupler mechanisms. The operating condition and weathering for the cars are represented in color. Total length over the buffers 182 mm / 7-1/8".

> Realistic reproduction of the operating condition Standard cars without advertising lettering







15223 Type Hbils-vy Sliding Wall Boxcar

Prototype: Sliding wall boxcar with special advertising design for the Coca-Cola® Company, used on the Swiss Federal Railways (SBB). **Model**: The car has a close coupler mechanism. Length over the buffers 91 mm / 3-9/16".

One-time series in the Coca-Cola® design



(oca Cola



VI 📲 🐐 🕇 15 +

15282 Sliding Wall Boxcar Set

Prototype: 3 Świss Federal Railways (SBB), Cargo Business Area, type Hbbillns sliding wall boxcars. Built starting in 1989.

Model: All of the cars have close coupler mechanisms and four sliding walls that can be opened. Total length over the buffers 291 mm / 11-1/2".







15488 "Foodstuffs Refrigerated Transport" Container Transport Car Set

Prototype: Two (2) type Sgns container transport cars loaded with refrigerated containers for the fast food chain McDonald's and the grocery chain Aldi, used on the Swiss Federal Railways (SBB/CFF/FFS). The cars and containers look as they did in 2017.

Model: The cars have die-cast metal frames and close coupler mechanisms. They are each loaded with two (2) refrigerated containers.

Total length over the buffers 246 mm / 9-11/16".







15469 "coop®" Container Transport Car

Prototype: Swiss Federal Railways Cargo Business Area (SBB Cargo) type Sgns four-axle container transport car. Loaded with two (2) coop® refrigerator containers. The car and its load look as they did around 2017.

Model: The car frame is constructed of die-cast metal. The trucks are type Y 25. The car has a close coupler mechanism and is loaded with two (2) refrigerator containers. Length over the buffers 123 mm / 4-7/8".





16692 Class BB 9200 Electric Locomotive

Prototype: French State Railways (SNCF) class BB 9200 electric express locomotive in the classic blueish green paint scheme. The locomotive looks as it did around 1973. Built starting in 1957.

Model: This model has a tooling change and includes double-arm pantographs (roof equipment). The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. It also has a motor with a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights, marker lights, and cab lighting can be controlled digitally. The locomotive has a close coupler mechanism. It also has separately applied grab irons. The headlights and marker lights change over with the

direction of travel in analog operation. Length over the buffers 101 mm / 4".

• Digital sound with many functions.





Digital functions under DCC
Headlight(s)
Horn
Electric locomotive op. sounds
Engineer's cab lighting
Direct control
Sound of squealing brakes off
Headlight(s): Cab2 End
Horn
Headlight(s): Cab1 End
Horn
Conductor's Whistle
Brake Compressor
Blower motors
Letting off Air
Special light function
Special sound function
Sanding
Doors Closing
Sound of Couplers Engaging
Pantograph Sounds

V 🔍 🗮 🐐 🛉 15 +

15375 "Mineral Water Transport" Sliding Tarp Car Set

Prototype: Three (3) French State Railways (SNCF) type Rils sliding tarp cars. European standard car with a length of 19.90 meters / 65 feet 3-7/16 inches. Version with a single-piece tarp and rectangular buffers. **Model**: The cars have close coupler mechanisms. The trucks are type Y 25. Total length over the buffers 372 mm / 14-5/8".









16006 Class BB 15000 Electric Locomotive

Prototype: French State Railroad (SNCF) fast general-purpose locomotive, road number BB 15061, "Sarrguemines". General-purpose locomotive for the alternating current network in France (25 kilovolts, 50 Hertz). Version in contemporary TEE paint scheme. **Model**: The locomotive has a digital interface. It also has a 5-pole motor with a flywheel. 4 axles powered. Traction tires. The locomotive has a close coupler mechanism. Length over the buffers 109 mm / 4-5/16".



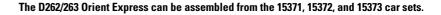
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15371 "Orient Express" Express Train Passenger Car Set

Prototype: Two (2) type Y/B express train passenger cars, 2nd class, painted and lettered for the CFR and MAV railroads.

Model: The cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 306 mm / 12-1/16". Interior lighting for these cars: **66616 LED Lighting Kit.**

15373







0413

ATT HE RE THE RE THE RE

Famous train route



See Page 64 for an explanation of the symbols and age information.

10 DE



IV 🕅 💵 🛊 🕇 15 +

15372 "Orient Express" Express Train Passenger Car Set

Prototype: One (1) type A9 express train passenger car, 1st class, one (1) type B10 express train passenger car, 2nd class, and one (1) type B7D express train passenger car with a baggage area, painted and lettered for the French State Railways (Société nationale des chemins de fer francais / SNCF).

Model: These cars have tooling variations with smaller door windows. The cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 459 mm / 18-1/16".

- Famous train route.
- Tooling variations.

Interior lighting for these cars: 66616 LED Lighting Kit. Variations with smaller door windows





15373 Orient Express" Express Train Passenger Car Set

Prototype: One (1) type B9c9x express train slumber coach, 2nd class, with the second higher roof design, and one (1) type B9c9x express train slumber coach, 2nd class, with the first lower roof design, painted and lettered for the French State Railways (Société nationale des chemins de fer français / SNCF).

Model: These cars have tooling variations with smaller door windows and with the second roof design on the first slumber coach. The cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 306 mm / 12-1/16".

• Famous train route.

• Tooling variations.

Interior lighting for these cars: 66616 LED Lighting Kit.

Variations with smaller door windows





VI ₽₽ ***↑**15 +

15487 Type Res Low Side Car

Prototype: Polish State Railroad (Polskie Koleje Państwowe PKP) low side car with steel side walls in the current paint scheme of gentian blue. **Model**: The car has a close coupler mechanism. Stakes you can mount on the car are included. Length over the buffers 124 mm / 4-7/8".

First time as an N Gauge model

≽ Czech Republic

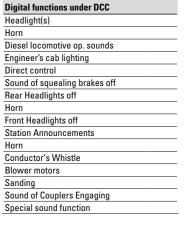
16738 Class 754 Diesel Locomotive



Model: The frame and body are constructed of die-cast metal. The locomotive has a built-in digital decoder and a sound generator for operation with DCC and Selectrix. The motor has a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. Warm white LEDs are used for the lighting. The headlights, marker lights, and cab lighting can be controlled digitally. The headlights and marker lights and marker lights change over with the direction of travel in analog operation. Length over the buffers 104 mm / 4-1/8".

- Cab lighting.
- Digital sound with many functions.
- Closed end skirting that can be replaced.

Passenger cars to go with this locomotive are available under item numbers 15935 and 15989.





Prototype: Czech Railroad (České drahy ČD) class 754 general-purpose locomotive. Its striking looks has earned it the nickname "Diving Goggles" or "Cobra" (Brejlovec). Built starting in 1970.







VI (15 +

15935 Type UIC Y Express Train Passenger Car Set Prototype: One (1) type B 249 express train passenger car, 2nd class, one (1) type A 149 express train passenger car, 1st class, and one (1) type BDs 450 express train passenger car, 2nd class with a baggage area, all painted and lettered for the Czech Railroad (České drahy ČD). The cars look as they did in 2016/2017. Built starting in 1968. **Model**: All of the cars have close coupler mechanisms. Interior lighting can be installed in the cars. Total length over the buffers 459 mm / 18-1/16".

Interior lighting for these cars: **66616 LED Lighting Kit.**







15989 Type UIC Y Express Train Passenger Car

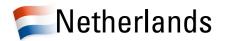
Prototype: One (1) Czech Railroad (České drahy ČD) type B 249 express train passenger car, 2nd class. The car looks as it did in 2016/2017. Built starting in 1968. **Model**: The car has a close coupler mechanism. Interior lighting can be installed in the car. Length over the buffers 153 mm / 6".

Interior lighting for this car: 66616 LED Lighting Kit.

1







The class (E) 186 TRAXX racers can do 160 km/h / 100 mph on the Dutch Railways (NS) and they have not only conquered its high-speed routes but have also found a place in high quality express train service. The V250 HVG trains from AnsaldoBreda were actually planned for service on the Dutch high-speed route HSL-Zuid. E 186 units designed for 160 km/h / 100 mph had to be leased as replacements and they were placed in scheduled service starting in September of 2009 on the route Amsterdam – Schiphol – Rotterdam – Breda. After successful results, there are now plans for all ICRm trains to have PRIO cars with "Sandwich" multiple unit motive power (one locomotive at each end of the train) using the E 186. At present, the NS has available 20 leased E 186 units as well as about 30 newly ordered road numbers E 186 001-045.



16875 Class E 186 Electric Locomotive

Prototype: Dutch Railways (NS) class E 186 electric locomotive. The locomotive looks as it currently does in real life.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC and Selectrix. The motor has a flywheel. 4 axles powered. Traction tires. The headlights and marker lights change over with the direction of travel. The locomotive has a close coupler mechanism. The headlights and marker lights, the cab

lighting, long-distance headlights, and many other light and sound functions can be controlled digitally. Length over the buffers 118 mm / 4-5/8".

- Warm white LEDs for lighting.
- Cab lighting.
- Digital sound with many functions.



Digital functions under DCC
Headlight(s)
Horn
Electric locomotive op. sounds
Long distance headlights
Direct control
Sound of squealing brakes off
Rear Headlights off
Engineer's cab lighting
Front Headlights off
Station Announcements
Blower motors
Letting off Air
Brake Compressor
Doors Closing
Conductor's Whistle
Special sound function
Special light function
Special light function
Station Announcements
Special sound function
Special light function
Sound of Couplers Engaging

Building Kits

***∦1**5 +

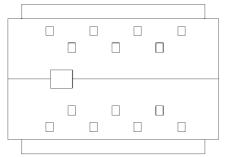
66329 "Eckartshausen Grain Elevator" Building Kit

Prototype: Eckartshausen grain elevator, located on the Hohenlohe Line between Crailsheim and Eckartshausen, visible from a distance.

Model: This building kit is made of fully colored, laser-cut architectural board. This kit has very fine, laser-engraved details. Extensive building instructions are included. Dimensions: approximately 188 mm / 7-3/8" x 118 mm / 4-5-8" x 210 mm / 8-1/4" (L x B x H).

T66329 Grain Elevator









Building Kits

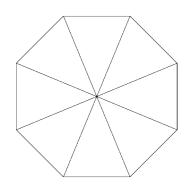


66328 "Prussian Water Tower" Building Kit

Prototype: Prussian standard design water tower as is still present in part today. **Model**: This is a building kit made of laser-cut architectural solid board that is already colored. It has very fine, laser-engraved details. Extensive instructions are included. Dimensions: approximately 45 mm x 45 mm x 91 mm / 1-3/4" x 1-3/4" x 3-9/16". (L x W x H)

Suitable for all eras Finely detailed

T66328 Water Tower 45 x 45 mm



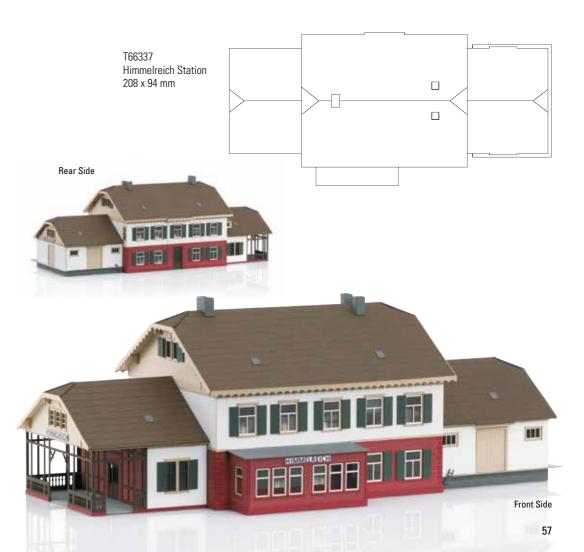




66337 "Himmelreich Station" Building Kit

Prototype: Himmelreich Station located on the wellknown Höllental Railroad in the Black Forest. **Model**: This is a building kit made of fully colored laser-cut architectural board. This kit has very fine, laser-engraved details. Extensive building instructions are included.

Dimensions: approximately 208 mm / 8-3/16" x 94 mm / 3-11/16" x 74 mm / 2-7/8" (L x W x H).



JAHRE YEARS

MINITRIX

Full Steam Ahead into the World of Trix – Become a Trix Club Member!



Did you already know? At Trix, there is the exclusive club of all fans of Trix model trains. An association with many advantages for the club member. You will receive from us exclusive information, benefits, products not available to everyone, and much more. Get information here in detail about the advantages awaiting you and register right now.

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X II 6 Issues of the Märklin Magazine

The leading magazine for model railroaders! You'll find everything about your hobby here: Detailed information on layout construction, product and other technical information straight from the source, exciting reports on models, tips for forthcoming events, and lots more. The Märklin Magazin subscription price of 33 Euros is included in the club membership dues. Existing subscriptions can be carried over.

X The Trix Club News 6 Times a Year

On 24 pages and this six times a year you will find everything about "Your Gauge and Your Club". Behindthe-scene articles and looking over the shoulder of the people in production making your models for an in-depth look at the world of Trix.

X Exclusive Club Models

Club models exclusively developed and produced are available only if you are a club member. A personalized and valuable certificate will be sent directly to you at your home address for all locomotive models after they have been delivered.

X Club Car of the Year, free of charge

Look forward to the attraction of Car of the Year only available to club members. Choose between Trix H0, Minitrix or Trix Express.

X Annual Chronicle

Re-live the highlights of the Trix model railroading year on DVD whenever and as often as you like.

X Catalog / New Items Brochures

Club members receive the annual main catalogue free of charge from their retailer. We also send you our new items brochures direct to your home.

🗙 Club Card

Your personal club card with a new design every year opens up the world of model railroading as a hobby in a special way for you. Because as a member you are more than our premium customer, you also receive **a bundle of advantages at the over 100 partners currently working with us**. Among them are the Miniature Wonderland in Hamburg, the Hans-Peter Porsche Dream Works in Anger, or the VGB Railroad Publishing Group. In addition, your personal membership card can be used to order all exclusive products offered in the club.

X Discounts for attending seminars

Club members benefit from lower prices when they book seminars that we arrange.

Favorable shipping terms from the Online Shop

Club members enjoy favorable shipping terms within Germany from our Online Shop.

X Club Trips**

Experience your hobby in a special way and connect model railroading with the prototype. You can talk shop with like-minded people on our club trips through fantastic landscapes and to extraordinary destinations. On top of that, there is a discount on the trip price.

In addition, many sponsors of model railroad shows give discounted entry prices for club members.



Club Car of the Year 2019, free of charge



It's quite easy to become a member in the Trix Club: Either on-line under Club at trix.de or fill out the registration form on Page 61 and send it to us by mail.

Trix Club	Telephon
Postfach 9 60	Telefax:
73009 Göppingen	E-mail:
Germany	Internet:

Telephone: +49 (0) 71 61/608 - 213 Telefax: +49 (0) 71 61/608 - 308 E-mail: club@trix.de Internet: www.trix.de





* The services mentioned here refer to 2019. Subject to change.

** Depending on availability.

Trix Club Cars for 2019



15959 Minitrix Trix Club Car for 2019

Prototype: Two (2)-axle tank car, painted and lettered for IVG (Industrieverwaltungsgesellschaft / Industry Management Company). Used on the German Federal Railroad (DB). Suitable for transporting liquid and flammable materials. **Model**: The car has a close coupler mechanism. Length over the buffers 55 mm / 2-1/8". The 15959 club car is being produced in 2019 in a one-time edition only for Trix Club members. The order deadline is April 30, 2019.



Trix Club Anniversary Cars

Anniversary models reward long years of club membership. We have exclusive models in Minitrix, Trix H0 an Trix Express for all Insiders, who have been members of the Trix Club without interruption for five, ten, or fifteen years. These models can only be obtained by club members.

5 Years of Membership



15925 Tank Car for Minitrix

Prototype: 2-axle tank car painted and lettered for "Damman & Lewens", used on the German Federal Railroad (DB).

Model: The car has a separately applied platform, catwalk, and ladder. It also has a detailed, partially open frame.

Length over the buffers 55 mm / 2-3/16".

The 15925 tank car is being offered exclusively for Trix Club members, who have reached 5 years of membership.



10 Years of Membership

15220 Track Cleaning Car for Minitrix

Prototype: Type 925 track cleaning car. The car looks as it did around 1980.

Model: Era IV. There is a holder with a Jörger System track cleaning felt pad mounted on the underside of the car. The felt pads can be washed in warm water. 2 replacement felt pads are included. Length over the buffers 88 mm / 3-1/2".

This protective cleaning process is also suitable for nickel silver or brass rails.

The 15220 track cleaning car is being offered exclusively for Trix Club members, who have reached 10 years of membership.



15 Years of Membership



15555 Tank Car for Minitrix

Prototype: Privately owned tank car used on the Royal Bavarian State Railways (K.Bay.Sts.B.). Version as a tank car painted and lettered for "Deiglmayer'sche Oelmühlen München-Ost".

Model: The car has spoked wheels and a close coupler mechanism. Length over the buffers 55 mm / 2-3/16". The 15555 tank car is being offered exclusively for Trix Club members, who have reached 15 years of membership.



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 65 for warranty terms. See Page 64 for an explanation of the symbols and age information.

Museumcar 2019



15569 Minitrix Museum Car for 2019

Prototype: German Federal Railroad (DB) type Rs 684 flat car. European standard car with a length of 19.90 meters / 65 feet 3-7/16 inches. Loaded with lumber from the firm Pfleiderer

Model: The car has a close coupler mechanism. The trucks are type Minden-Siegen. The freight load is made of real wood, covered with a tarp imprinted for the firm Pfleiderer in Neumarkt in the Upper Palatinate. Length over the buffers 124 mm / 4-7/8".

One-time series. Available only at the shop of the märklineum in Göppingen, Germany.





The greatest pleasure lies in the anticipation!

The construction work for the "märklineum" is in full gear. Look forward to unique exhibits, hand samples, drawings, an impressive model railroad layout, and an adventure world on a total area of around 3,000 square meters / 10,000 square feet for collectors and families from all over the world. Shorten your waiting time and follow the current construction progress live on the Homepage at www.maerklin.de.

Visit the first construction phase for our new flagship store and experience the class 44 as the impressive landmark in its new home!

märklineum Reuschstraße 6 73033 Göppingen, Germany Telephone +49 (0) 7161/608-289 Fax +49 (0) 7161/608-151 E-Mail flagshipstore@maerklin.de

For information about our hours of operation, go to www.maerklin.de

See Page 64 for an explanation of the symbols and age information



Trix Club - Registration Form



Yes, I want to become a member of the Trix Club Mr. Mrs./Ms. Title	I am paying my one year membership fee of EUR 79.95/CHF 109.95/\$ 109.00 U.S. Funds (as of 2019): D AT BE NL by means of the following direct debit authorization:	Membership Conditions Register now and become a member. Your personal club year begins with the date of your payment. You will receive all future Club services for 12 months. Retroactive services are no longer possible. Hand the order form in at your Märklin MHI dealer and then pick up the Club car of the year, catalog and Club models here.
*Last Name, First Name (please print) *Street, Number *Additional address information (Apt. No. etc.) *Postal Code/Zip Code *City/State/Province	I hereby authorize you, subject to revocation, to debit my checking account to pay for the club membership fee Account No Bank Code Bank branch	Right of Cancellation The membership is automatically extended by one year if it is not cancelled in writing by the deadline of 6 weeks before the end of your personal Club year. In the USA the commercial law in effect there applies to right of cancellation. Subject to change.
*Country Image: Country Image: Country Telephone *Date of birth (DD/MM/YYYY)	Name and address of the account holder (if different from the address given above) *Last Name, First Name (please print)	Right of Withdrawal: You can cancel your membership in writing within two weeks without giving a reason. To do this, please contact us at the following address. Trix Club – Postfach 9 60 – 73009 Göppingen, Germany. The deadline begins with the mailing of this application. Mailing in the cancellation
@ E-mail address Language requested German English French Dutch	*Street, Number *Postal Code/ZIP Code *City/State/Province	promptly willl be sufficient to ensure the deadline. I have taken notice of my right of withdrawal.
Club News requested in German I would like to receive my annual car either in	CH By payment order that I receive with the invoice.	Data protection notice: I agree that my data will be stored and may be used by Märklin companies to keep me informed of products, events and other activities. In accordance with Article 28 section 4 of the Federal Data Protection Act I may revoke this agree- ment at any time.
Minitrix or Trix HO or Trix Express (All three are not possible – even for an extra charge) I am particularly interested in	All Countries Bank transfer (after receipt of invoice) By credit card: Mastercard Visa	Please use my information only for this special transaction with the Trix Clubs. I do not want this information used for any other contact for marketing or promotional purposes.
Minitrix Trix H0 digital analog I receive my Märklin Magazin as a direct subscription from the Märklin publishing office	Name of the cardholder L I I I I I Credit card no.	You can withdraw your consent at anytime by e-mail at club@trix.de or by letter to the club address appearing on the other side of this form, and this withdrawal will be effective in the future.
Yes, my Subscription No.	valid until L / L	NH 2019

Date

Your current benefits* at a glance:

🥝 All 6 Issues of the Märklin Magazin

The leading magazine for model railroaders! You'll find everything about your hobby here: Detailed information on layout construction, product and other technical information straight from the source, exciting reports on models, tips for forthcoming events, and lots more. The Märklin Magazin subscription price of 33 Euros is included in the club membership dues. Existing subscriptions can be carried over.

🧭 The Trix Club News 6 Times a Year

On 24 pages and this six times a year you will find everything about "Your Gauge and Your Club". Behind-the-scene articles and looking over the shoulder of the people in production making your models for an in-depth look at the world of Trix.

Exclusive Club Models

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🕑 Club Car of the Year, free of charge

Look forward to the attraction of Car of the Year only available to club members. Choose between Minitrix, Trix H0 or Trix Express. Each model a collectible every year.

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Club members receive the annual main catalogue free of charge from their retailer. We also send you our new items brochures direct to your home.

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Your personal club card with a new design every year opens up the world of model railroading as a hobby in a special way for you. Because as a member you are more than our premium customer, you also receive a **bundle of advantages at the over 100 partners currently working with us.** Among them are the Miniature Wonderland in Hamburg, the Hans-Peter Porsche Dream Works in Anger, or the VGB Railroad Publishing Group. In addition, your personal membership card can be used to order all exclusive products offered in the club.

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✓ Club Trips**

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Register right now online at www.trix.de/Club. Please select registration code NH 2019. Club Car of the Year 2019, free of charge



* These offers are not binding; the right to make alterations is reserved ** Subject to availability

The Club team is available by telephone to members Monday - Friday from 1:00 PM - 5:00 PM

Mailing Address	Trix Club, Postfach 9 60,
	73009 Göppingen, Germany
Telephone	+ 49 / (0) 71 61 / 608-213
Fax	+ 49 / (0) 71 61 / 608-308
E-mail	club@trix.de
Internet	www.trix.de

REPLY Trix Club Postfach 9 60 73009 Göppingen Germany



Explanation of Symbols

DCC	DCC decoder.	。	One red marker light.		Metal locomotive frame and body.	
DCC SX	DCC/Selectrix decoder.	00	Dual red marker lights.		Metal locomotive frame and boiler.	
mfx	Digital decoder with up to 32 digitally controlled functions. The quantity depends on the controller being used.	*	Triple headlights at the front.	7	Mostly metal locomotive body.	
NEM	Large digital connector (66837 Selectrix decoder).	•••	Triple headlights that change over with the direction of the travel.		Metal locomotive frame.	Ι
<u> </u>	14-pin connector.	* •	Triple headlights and a white marker light that change over with the direction of travel.		Metal car frame and body.	Ι
21	21-pin connector.	* ▼►	Triple white headlights in front, dual lights at the rear, each change with the direction of travel.	-00	Mostly metal car body.	III
	Sound effects circuit.	•• ▼►	Triple headlights and two red marker lights that change over with the direction of travel.		Metal car frame.	
•	Single headlight at the front.	$\overline{\mathbb{M}}$	Built-in interior lighting.	1:87	Scale for the passenger car length 1:87.	IV
•	Single headlights that change over with the direction of travel.	뺬	Built-in interior lighting.	1:93,5	Scale for the passenger car length 1:93.5.	V
		(\overline{M})	Interior lighting can be installed.	1:100	Scale for the passenger car	VI
••	Dual headlights at the front.		Built-in LED interior lighting.		length 1:100.	VI
••	Dual headlights that change over with the direction of travel.		LED interior lighting can be installed.	I) ()- NEM	Close couplers in standard pocket with pivot point.	
●● ● ●	Dual headlights and dual red marker lights that change over with the direction of travel.	× LED	Lighting with warm white LED's.		Close couplers in standard pocket with guide mechanism.	Age

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 (MH 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. See Page 65 for warranty terms.

Era I

Privately owned and provincial railroads from the startup phase of railroads to about 1925.

Era II

Formation of the large state railroad networks from 1925 to 1945.

Era III

New organization of the European railroads and modernization of the locomotives and rolling stock from 1945 to 1970.

7 Era IV

All locomotives and cars lettered according to standard European regulations, the so-called UIC computer lettering, from 1970 to 1990.

Era V

Changes in the color schemes and the origins of the high speed networks since 1990.

Era VI

Introduction by the UIC since 2006 of new guidelines for lettering. Locomotives are now given a 12-digit UIC number.

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.

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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

his 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.

he 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.
- he 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.

Our address: Gebr. Märklin & Cie. GmbH · Reparatur-Service Stuttgarter Straße 55-57 · 73033 Göppingen · Germany E-mail: service@maerklin.de · Internet: www.maerklin.de



September 13 to 15, 2019 in Göppingen

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Everything about big and small trains, Play and fun – 3 days long! **The MEGA family event in Göppingen.** More information at www.maerklin.de

TRIX

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