

TRIX

Fall New Items for 2013



Class 111 Electric Locomotive

New:
**5 Year
Warranty****

Indispensable new construction classic – The belief was almost universal that the German Railroad, Inc.'s current new motive power purchases had completely displaced all of the new construction locomotives of the previous German Federal Railroad era. Yet then it was demonstrated that the proven, almost 40 year old

class 111 units could still hold their own in today's railroad with good maintenance and a current paint scheme. These new construction classics were placed into service starting in 1974 and it is hoped they will remain several more years on the DB AG's motive power roster.



16111 Electric Locomotive.

Prototype: German Railroad, Inc. (DB AG) class 111 electric locomotive. B-B wheel arrangement. Built starting in 1974.

Use: Commuter trains.

Model: The locomotive has a 14-pin digital connector, a motor with a flywheel, and all 4 axles powered. The headlights and marker lights change over with the direction of travel and can be turned off by means of a bridge plug. The locomotive has a close coupler mechanism. Length over the buffers 104 mm / 4-1/8".

- LED headlights.
- The headlights can be turned off for push/pull train operation.
- Red marker lights.

One-time series.

EXCLUSIV 3/2013



15380

15383

15382

15381

16111

Class 185.5 Electric Locomotive

New:
5 Year Warranty**



16902 Electric Locomotive.

Prototype: Class 185.5 electric locomotive in the version "Kombiverkehr" / "Combination Service" painted and lettered for the railroad firm Lokomotion Gesellschaft für Schienentraktion mbH. B-B wheel arrangement.

Use: Freight service.

Model: The locomotive has a 14-pin digital connector. It also has a 5-pole motor with a flywheel. 4 axles powered. Traction tires. The headlights and the marker lights change over with the direction of travel, they can be turned off with bridge plugs, and the headlights are

warm white LEDs. The locomotive has close coupler mechanisms. Engineer's cab lighting and long-distance headlights are installed in the locomotive and can be activated with the 66840 decoder. Length over the buffers 118 mm / 4-5/8".

- Warm white LEDs for headlights.
- The headlights and marker lights can be turned off.
- Engineer's cab lighting and long-distance headlights are installed, can be activated with the 66840 decoder.

One-time series.

** Brand new:
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.



15399

16902

One-Time Series for 2013 

“Combination Transport” Car Set



15399 “Combination Transport” Car Set.

Prototype: 3 different type Sdgmss standard design deep-well flat cars and 2 different type Sgns flat cars for containers, lettered and painted for DB AG, SBB Cargo, and HUPAC. Loaded with semi-truck trailers painted and lettered for the freight forwarders Winner and DB Schenker, for the firm Beate Uhse, and loaded with 20-foot tank containers painted and lettered for the firm Bertschi and 10-foot XS Innofreight containers painted and lettered for DB Schenker.

Model: 3 cars are loaded with removable semi-truck trailers, 1 car is loaded with removable 20-foot tank containers, and 1 car is loaded with 4 10-foot XS Innofreight containers. The car frames are constructed of die-cast metal and have close coupler mechanisms. All of the cars have different car numbers and railroad lettering. Total length over the buffers 552 mm / 21-3/4”.

One-time series.



EXCLUSIV

3/2013



15399

16902

Tourism Train



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16343 Electric Locomotive.

Prototype: German Railroad, Inc. (DB AG) class 103.1 (5th production series with extended engineer's cabs). C-C wheel arrangement. Built starting in 1970. Tourism train paint scheme of 1996.

Use: TEE, EC, and Intercity trains.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC, Selectrix, and Selectrix 2. 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 and the

headlights are warm white LEDs. The headlights and marker lights as well as the engine room lighting can be controlled digitally. The locomotive has close coupler mechanisms. It also has separately applied grab irons. All of the functions can also be controlled in the SX2 digital format.

Length over the buffers 126 mm / 5".

- **Digital sound with many functions.**
- **Extensive paint scheme.**
- **Buffers without streamlined cladding.**

One-time series.

To be delivered starting in the 4th quarter of 2014.

Cars to go with this locomotive can be found under item numbers 15425 and 15426.

Digital Functions	Sx	DCC
Headlight(s)	x	x
Locomotive whistle	x	x
Electric locomotive op. sounds		x
Light Function		x
Direct control		x
Engineer's cab lighting		x
Headlight(s): Cab2 End		x
Conductor's Whistle		x
Headlight(s): Cab1 End		x
Station Announcements		x
Sound of squealing brakes off		x



** Brand new:
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.

Tourism Train



15425 "Tourism Train" Car Set.

Prototype: Two type Bvmkz 856 passenger cars, two type Bpmz 857 passenger cars, and one type WRkmz 858.1 dining car. The cars are painted and lettered for the DB AG in 1996.

Model: The cars have close coupler mechanisms, and one type Bvmkz has LED marker lights that can be turned off. The paint scheme on the cars is that of the tourism train in 1996.

Total length over the buffers 832 mm / 32-3/4".

- New scale tooling for the type WRkmz dining car.
- The type Bvmkz and Bpmz cars have been realized with the correct shape.
- Each car with an authentic, prototypical paint scheme.

One-time series.

66676 Lighting kit.
66616 LED lighting kit.

Limited clearance for the dining car on track radius 1!

To be delivered starting the 4th quarter of 2014.

The addition of the 15426 car set and the 16343, 16284, and 16285 locomotives will give you a prototypical tourism train from 1996.



EXCLUSIV

3/2013

** Brand new:
5 year warranty on all MHI / Exclusiv items and club items
(Märklin Insider and Trix Club) starting in 2012.

One-Time Series for 2013 



Tourism Train – Announcement for 2015

New:
**5 Year
Warranty****



16284 Diesel Locomotive.

Prototype: German Federal Railroad (DB) class 218 general-purpose locomotive. Diesel hydraulic locomotive with electric train heating. Without exhaust stacks. Tourism train paint scheme from 1996.

Use: Passenger and freight trains.

Model: The locomotive has a built-in digital decoder and sound generator for operation with DCC, Selectrix, and Selectrix 2. The motor has a flywheel. 4 axes powered. Traction tires. The headlights and marker lights change over with the direction of travel, and the headlights are warm white LEDs. The headlights and marker lights can be controlled digitally. The locomotive has close coupler mechanisms. It also has separately applied grab irons on the sides and ends. All of the functions can also be controlled in the SX2 digital format. Length over the buffers 102 mm / 4".

- Digital sound with many functions.
- Extensive paint scheme.

Different road number from the one for 16285.

To be delivered starting in the 1st quarter of 2015.

Cars to go with this locomotive can be found under item numbers 15425 and 15426.



16285 Diesel Locomotive.

Prototype: German Federal Railroad (DB) class 218 general-purpose locomotive. Diesel hydraulic locomotive with electric train heating. Without exhaust stacks. Tourism train paint scheme from 1996.

Use: Passenger and freight trains.

Model: The locomotive has a built-in digital decoder for operation with DCC, Selectrix, and Selectrix 2. The motor has a flywheel. 4 axes powered. Traction tires. The headlights and marker lights change over with the direc-



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tion of travel, and the headlights are warm white LEDs. The headlights and marker lights can be controlled digitally. The locomotive has close coupler mechanisms. It also has separately applied grab irons on the sides and ends. All of the functions can also be controlled in the SX2 digital format. Length over the buffers 102 mm / 4".

- Extensive paint scheme.

Different road number from the one for 16284.

To be delivered starting in the 1st quarter of 2015.

Cars to go with this locomotive can be found under item numbers 15425 and 15426.



15426 "Tourism Train" Car Set.

Prototype: One type Bvmkz 856 passenger car, two type Bpmz 857 passenger cars, one type WRkmz 858.1 dining car, and one type Dmsdz 959 baggage car. The cars are painted and lettered for the DB AG in 1996.

Model: The cars have close coupler mechanisms, and the baggage car has LED marker lights that can be turned off. The paint scheme on the cars is that of the tourism train in 1996.

Total length over the buffers 832 mm / 32-3/4".



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- New scale tooling for the type WRkmz dining car.
- The type Bvmkz and Bpmz cars have been realized with the correct shape.

- Each car with an authentic, prototypical paint scheme.

66676 Lighting kit.
66616 LED lighting kit.

Limited clearance for the dining car on track radius 1!

To be delivered starting in the 1st quarter of 2015.

The addition of the 15425 car set and the 16343, 16284, and 16285 locomotives will give you a prototypical tourism train from 1996.

EXCLUSIV 3/2013

One-Time Series for 2015

Class 101 Express Locomotive

TRIX
HO

New:
5 Year
Warranty**



22197 Electric Locomotive.

Prototype: German Railroad, Inc. (DB AG) class 101 express locomotive. Includes advertising on the sides for the anniversary “25 Years of the Starlight Express”. The locomotive looks as it currently does in 2013.

Model: The locomotive has a DCC/mfx digital decoder, controlled high-efficiency propulsion, and extensive sound functions. 2 axles powered. Traction tires. The trucks have movable reproductions of the mechanical gear for steering them. 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 long distance headlights can be controlled separately. The headlights at Locomotive End 2 and 1 can be controlled separately in digital operation. If the headlights at both ends are shut off, the double “A” lights are on at both ends. The lights are maintenance-free, warm white and red LEDs. Length over the buffers 21.9 cm / 8-5/8”.

• **25 Years of the Starlight Express in Bochum.**

One-time series.

Digital Functions	DCC	Digital Functions	DCC
Headlight(s)	x	Headlight(s): Cab1 End	x
Long distance headlights	x	Station Announcements	x
Electric locomotive op. sounds	x	Conductor’s Whistle	x
Low Pitch Horn	x	Compressor	x
Direct control	x	Letting off Air	x
Sound of squealing brakes off	x	Sound of Couplers Engaging	x
Headlight(s): Cab2 End	x	Operating Sounds 1	x
High Pitch Horn	x	Rail Joints	x

** Brand new:
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.

Class V 100.10 Diesel Locomotive



22823 Diesel Locomotive.

Prototype: German Federal Railroad (DB) class V 100.10 diesel locomotive. Era III crimson version. The locomotive looks as it did around 1967.

Model: The locomotive has a DCC/mfx digital decoder with 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. The headlights are warm white LEDs. The locomotive has detailed buffer beams. Brake hoses that can be installed on the locomotive are included. Length over the buffers 13.9 cm / 5-1/2".



Digital Functions	DCC
Headlight(s)	x
Diesel locomotive op. sounds	x
High Pitch Horn	x
Direct control	x
Rear Headlights off	x
Low Pitch Horn	x
Front Headlights off	x
Sound of squealing brakes off	x

Norway



22833 Switch Engine.

Prototype: Norwegian State Railways (NSB) class E1 10 electric switch engine in a reddish brown basic paint scheme. Locomotive road number 10.2505. The locomotive looks as it did at the end of the Sixties / beginning of the Seventies.

Model: The locomotive has a DCC/mfx digital decoder. It also has a miniature can motor with a flywheel. 3 axles and a jackshaft powered. Traction tires. The locomotive has dual headlights front and rear that will work in conventional operation and can be controlled digitally. The headlights are maintenance-free warm white LEDs. The locomotive has separately applied roof equipment. It also has separately applied metal grab irons. Brake hoses and prototypical couplers can be installed on the buffer beam. Length over the buffers 11.2 cm / 4-7/16".

One-time series.



Digital Functions	DCC
Headlight(s)	x
Direct control	x

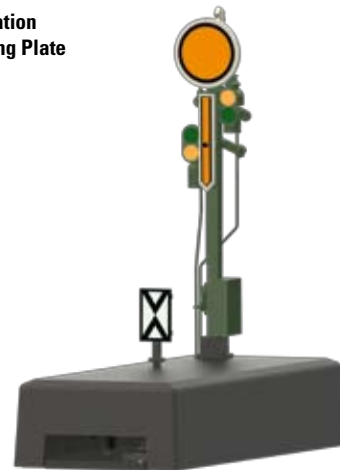
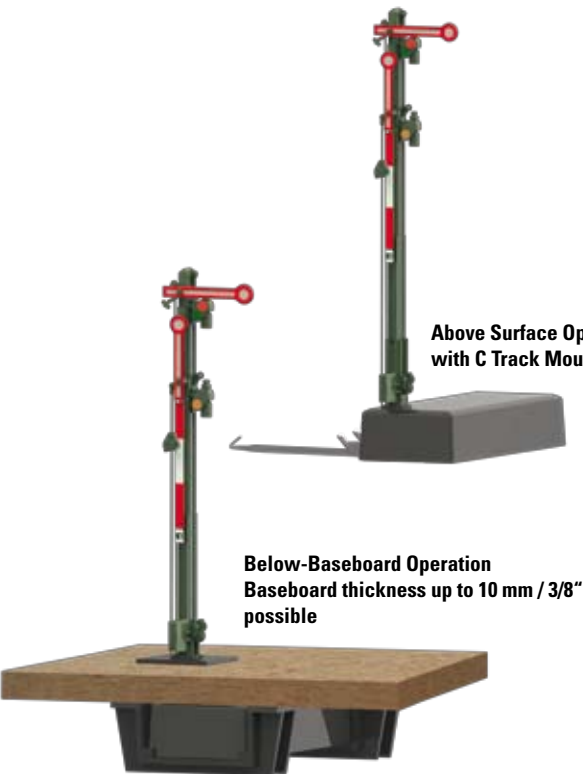
German Federal Railroad Semaphore/Target Signals

Stop-and-Go on the Rails.

Just like the real life prototype, signals fulfill important control and safety functions on a model railroad too. Märklin signals control rail traffic, because they not only show prototypical signal aspects, they also directly influence train movements. When set for stop, they switch the current off in the center conductor and the catenary in their area – the train remains stopped. For “go slow” or “go normally” they switch the current

on – the train runs through or starts up again. If you want to be even more realistic, you set up distant signals at an appropriate distance. They are coupled to their home signals and display appropriate signal aspects. Semaphore/target signals can be controlled conventionally using the 72760 control box and in the digital system using the CS II, MS II, CS I, or the 6040 Keyboard.

These newly designed semaphore/target signals have the mfx, Motorola, and DCC digital formats. The mechanisms for these signals are servo drives. The speed of the semaphore / target movement can be programmed. The constant light source is done with LEDs. A below-baseboard mounting kit is included to have the signals look realistic on your layout.



mfx DCC

70381 Distant Signal.

The signal has a movable arm and movable disk. The signal changes either as the 70361 or from yellow/yellow to yellow/yellow/green. It has 2 servos.



mfx DCC

70361 Distant Signal.

The signal has a movable disk. The signal changes from yellow/yellow to green/green.

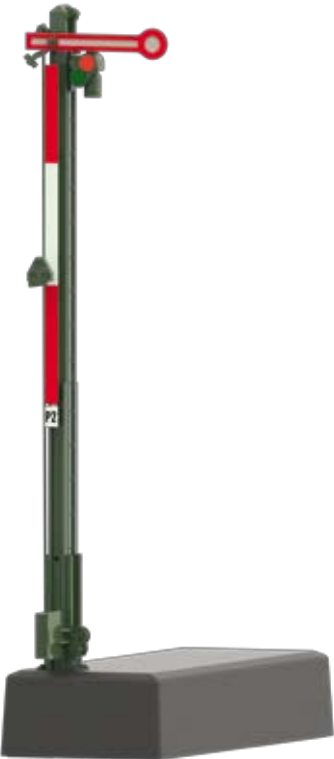


mfx DCC

70421 Yard Signal.

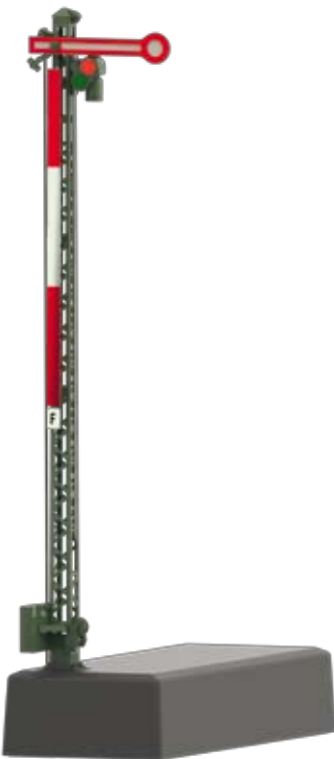
The signal mast has a movable front and rear lens.

German Federal Railroad Semaphore/Target Signals



mfX DCC  15 +

70391 Home Signal with a Narrow Mast.
The signal has a semaphore and an open narrow mast. The signal changes from red to green.



mfX DCC  15 +

70392 Home Signal with a Lattice Mast.
The signal has a semaphore and an open narrow mast. The signal changes from red to green.



mfX DCC  15 +

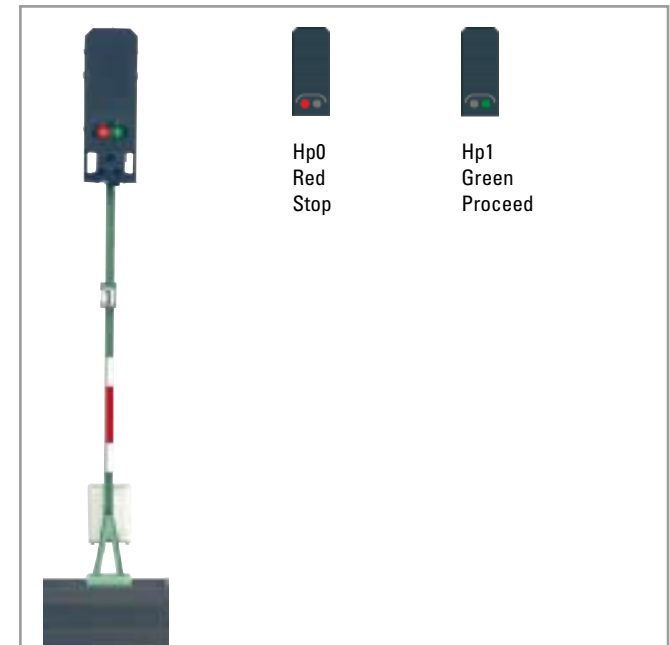
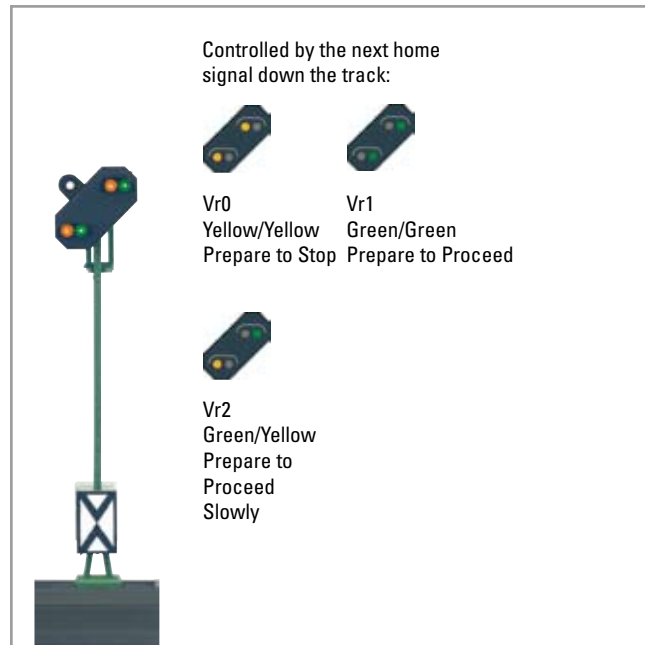
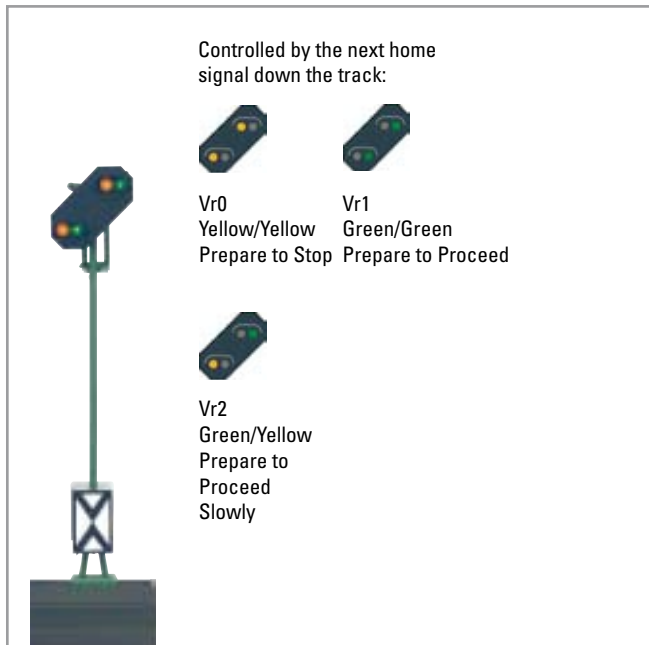
70411 Home Signal with a Narrow Mast.
The signal has 2 independent semaphores and an open narrow mast. The signal changes from red to green or red to green/yellow.



mfX DCC  15 +

70412 Home Signal with a Lattice Mast.
The signal has 2 independent semaphores and an open lattice mast. The signal changes from red to green or red to green/yellow.

Color Light Signals



76480 Color Light Distant Signal.

Prototype: German Federal Railroad (DB) standard design distant signal. Distant signal with 3 settings: “Prepare to Stop” – yellow/yellow (Vr0), “Prepare to Proceed” – green/green (Vr1), and “Prepare to Proceed Slowly” – green/yellow (Vr2).

Model: The signal has an integrated electronic signal circuit. It can be connected to the separate signal decoder of the home signal to which it is assigned. It can be used for all

home signals. All of its functions can be controlled from the signal decoder for the home signal. For digital operation, the signal decoder for the home signal assigns the configuration and the address. Height without base 61 mm / 2-3/8”.

- **This distant signal can be used with all home signals.**
- **Signal aspects for this signal are automatically assigned when it is connected to a signal decoder.**



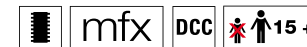
76481 Color Light Distant Signal with Additional Light.

Prototype: German Federal Railroad (DB) standard design distant signal with additional light. Distant signal with 3 settings: “Prepare to Stop” – yellow/yellow (Vr0), “Prepare to Proceed” – green/green (Vr1), and “Prepare to Proceed Slowly” – green/yellow (Vr2). The white additional light means that the distance between the distant and the home signal is less than the regular braking distance.

Model: The signal has an integrated electronic signal circuit. It can be

connected to the separate signal decoder of the home signal to which it is assigned. It can be used for all home signals. All of its functions can be controlled from the signal decoder for the home signal. For digital operation, the signal decoder for the home signal assigns the configuration and the address. Height without base 61 mm / 2-3/8”.

- **This distant signal can be used with all home signals.**
- **Signal aspects for this signal are automatically assigned when it is connected to a signal decoder.**



76491 Color Light Home Signal.

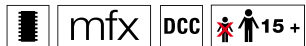
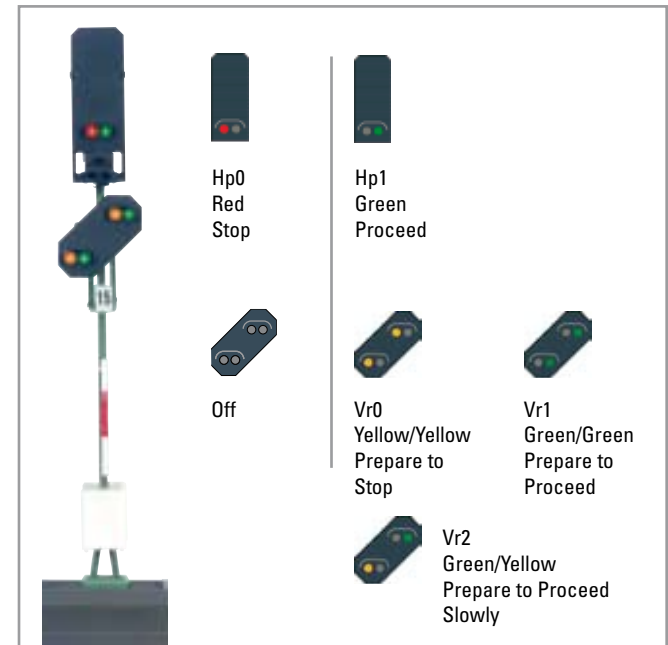
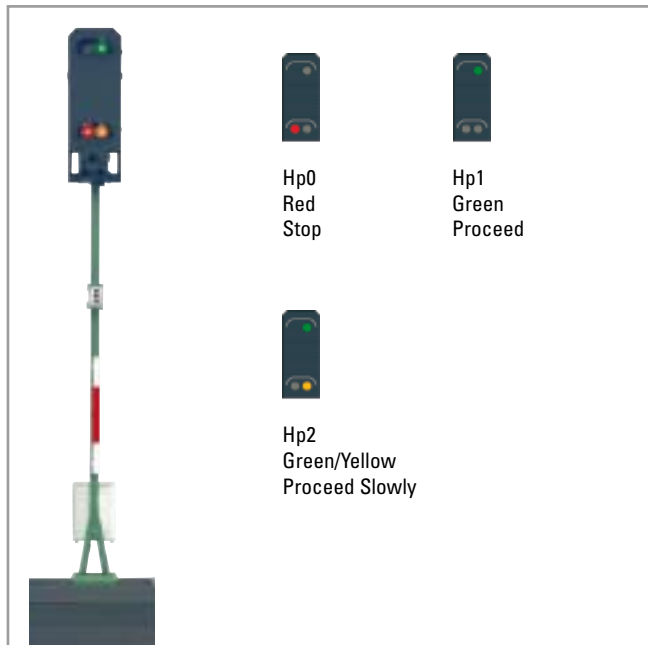
Prototype: German Federal Railroad (DB) standard design block signal. 2 settings: “Stop” – red (Hp0) and “Proceed” – green (Hp1).

Model: The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions can be done in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under the layout. For digital operation,

the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder. Height without base 78 mm / 3-1/16”.

- **Block signal for use on main lines.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or a distant signal on the same mast with other signals, item no. 76495 and 76496.**

Color Light Signals



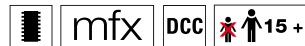
76493 Color Light Home Signal.

Prototype: German Federal Railroad (DB) standard design entry signal. 3 settings: “Stop” – red (Hp0), “Proceed” – green (Hp1) and “Proceed Slowly” – green/yellow (Hp2).

Model: The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under the layout. For digital operation, the

configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder. Height without base 78 mm / 3-1/16”.

- **Entry signal for use before stations.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or a distant signal on the same mast with other signals, item no. 76495 and 76496.**



76494 Color Light Home Signal.

Prototype: German Federal Railroad (DB) standard design exit signal. 4 settings: “Stop” – red/red (Hp00), “Proceed” – green (Hp1) and “Proceed Slowly” – green/yellow (Hp2,) as well as “Stop, Switching Permitted” – red/white/white (Hp0/Sh1).

Model: The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under

the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder. Height without base 78 mm / 3-1/16”.

- **Exit signal for use in station areas.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or on entry signal, item no. 76497.**
- **Built-in yard signal with white light.**



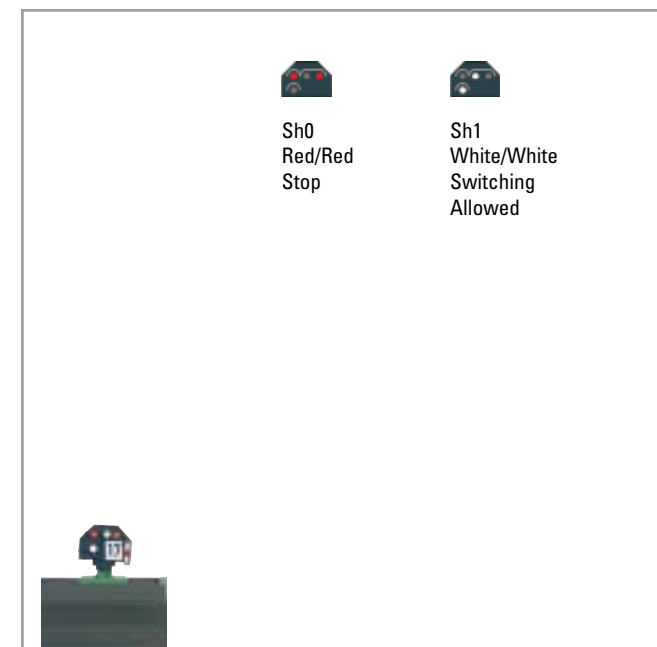
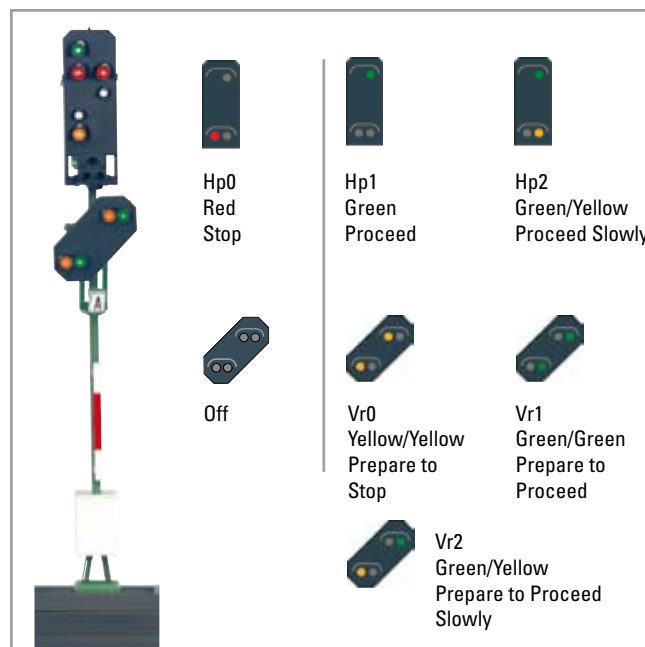
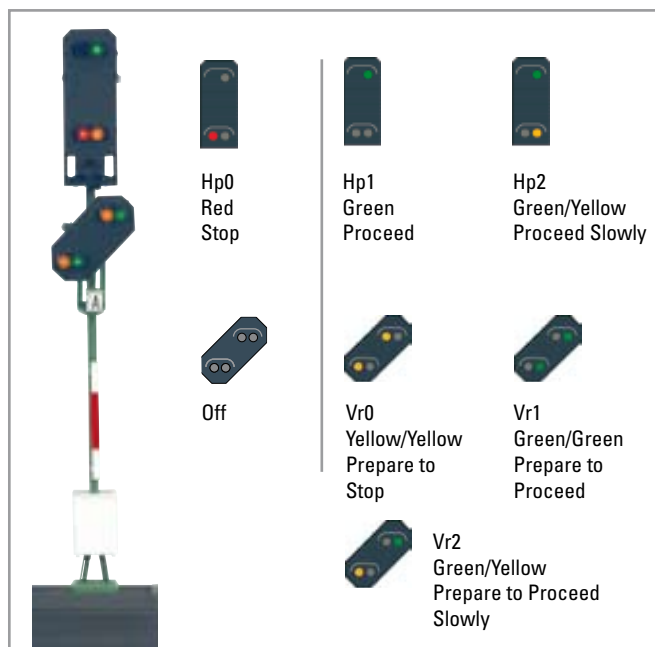
76495 Color Light Home Signal with a Color Light Distant Signal.

Prototype: German Federal Railway (DB) standard design block signal with a distant signal on the same signal mast. Home signal with 2 settings like item no. 76491. Distant signal with 3 settings like item no. 76480 / 76481.

Model: The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder. Height without base 78 mm / 3-1/16”.

- **2 signals on one mast without additional connections.**
- **Block signal for use on main lines.**
- **Distant signal for use before a block signal or an entry signal.**



76497 Color Light Home Signal with a Color Light Distant Signal.

Prototype: German Federal Railway (DB) standard design entry signal with a distant signal on the same signal mast. Home signal with 3 settings like item no. 76493. Distant signal with 3 settings like item no. 76480 / 76481.

Model: The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder.

Height without base 78 mm / 3-1/16".

- **2 signals on one mast without additional connections.**
- **Entry signal for use before stations.**
- **Distant signal for use before an exit signal.**



76496 Color Light Home Signal with a Color Light Distant Signal.

Prototype: German Federal Railway (DB) standard design exit signal with a distant signal on the same signal mast. Home signal with 4 settings like item no. 76494. Distant signal with 3 settings like item no. 76480 / 76481.

Model: The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder.

Height without base 78 mm / 3-1/16".

- **2 signals on one mast without additional connections.**
- **Exit signal for use in station areas, or for entry to the main line.**
- **Distant signal for use before a block signal or an entry signal.**



76471 Color Light Track Block / Yard Signal.

Prototype: German Federal Railway (DB) standard design yard signal. Dwarf signal without a mast. 2 settings: "Stop" – red/red (Sh0) and "Proceed" – white/white (Sh1).

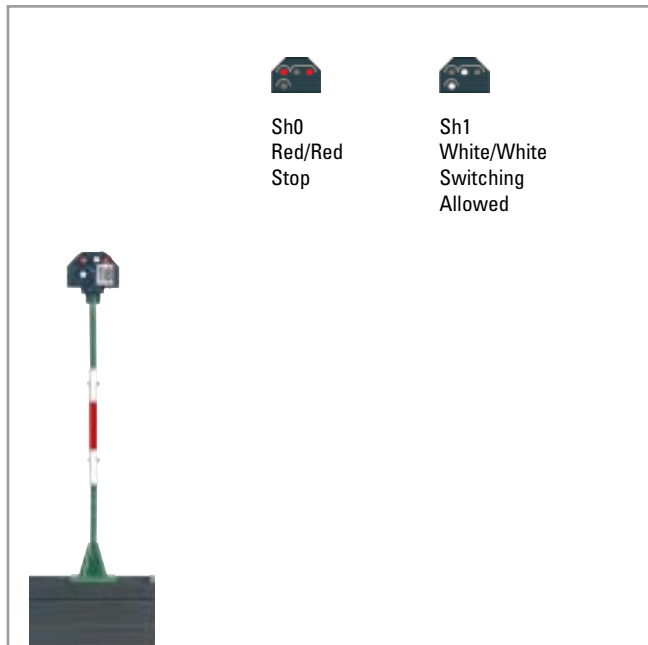
Model: The signal has an integrated electronic signal circuit and 1 separate signal decoder. There is a plug contact on the narrow base of the signal housing. The signal housing has a small lens hood. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with the 72760

control box. The signal decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements are on the signal decoder.

Height without base 10 mm / 3/8".

- **Yard signal for use in switching areas.**
- **Signal housing on a prototypically narrow base.**
- **The Sh1 aspect is correct with 2 white lights.**

Color Light Signals



Sh0
Red/Red
Stop



Sh1
White/White
Switching
Allowed



76472 Color Light Track Block / Yard Signal.

Prototype: German Federal Railroad (DB) standard design yard signal. High mounted signal with tubular mast. 2 settings: "Stop" – red/red (Sh0) and "Proceed" – white/white (Sh1).

Model: The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can

be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements are on the signal decoder. Height without base 50 mm / 1-15/16".

- **Yard signal for use in switching areas.**
- **Prototypical thin pipe mast.**
- **The Sh1 aspect is correct with 2 white lights.**



72760 Signal Control Box for Advanced Signals.

Signal control box for the 70361, 70381, 70391, 70392, 70411, 70412, and 70421 semaphore/target signals and for the 764xx series color light signals. This control box is for operating up to 4 signals.

A multi-conductor cable with plugs is included for connecting control boxes together.



For adults only.

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16284	8	70392	12	76493	14
16285	8	70411	12	76494	14
16343	5	70412	12	76495	14
16902	3	70421	11	76496	15
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22823	10	76471	15		

TRIX

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