



Massoth®

UPDATE

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31.07.25



Dear Garden Railway Enthusiasts,
At first glance, it may have seemed a little quiet around Massoth in recent times. One reason for this was the lack of printed customer information, with our last product catalog dating back to 2021. The insolvency, which has since been concluded with the founding of Massoth Systems GmbH, was certainly a factor here. During this challenging period for all our employees, energy and innovative action were needed elsewhere. Nevertheless, production continued—although in some cases with delays due to the circumstances. And our developers were by no means idle, as we are pleased to show you on the following pages of this publication. Now our marketing department is back in full swing, and this brochure is the first result.

With this “Update25” you are holding a continuation of the 2021 catalog in your hands. It presents all new products from Massoth released since then, extending the 2021 catalog, which is still available in a small printed edition and of course online as a PDF download. Discover the world of our innovative EVO switch drives and other high-quality electronic accessories for your model railway hobby, and bring your locomotives, rolling stock, and accessories up to the latest technical standard. We are not only addressing garden railway fans—many of our

products can be used on any model railway scale. For example, the LED Christmas trees are also perfectly suited for smaller scales and create a festive atmosphere there as well. Our flex track benders are available not only for G-scale (45 mm) but also for gauges 6.5 mm, 9 mm, 12 mm, and 16.5 mm. In addition to new developments, many existing products have been improved. Both the shunting coupler and the pantograph drive are now available in Version 2.0 with an integrated DCC decoder for direct track connection. Our LED light strips have also been technically revised, now featuring integrated buffering and new lighting elements. For this reason, some products have been assigned new order numbers, which can be found in the table on the last page.

We hope you enjoy browsing through this brochure. Additional information is always available on our website.

Sincerely,
Daniel Massoth and the
Massoth Systems GmbH Team

8103001 **Z**



Flexgleisspanner 6.5mm (3/Pack)
Flex Track Clamps 6.5mm (3/pack)

With the track laying tool, flex tracks can be laid precisely and with ease. The high-quality injection-molded parts hold the track in the desired shape, allow for trouble-free installation, and make trimming easier. Supplied in a set of 3 pieces including a matching hex key.

8103011 **N** **H0e**



Flexgleisspanner 9mm (3/Pack)
Flex Track Clamps 9mm (3/pack)

8103021 **TT** **H0m**



Flexgleisspanner 12mm (3/Pack)
Flex Track Clamps 12mm (3/pack)

8103031 **H0**



Flexgleisspanner 16.5mm (3/Pack)
Flex Track Clamps 16.5mm (3/pack)

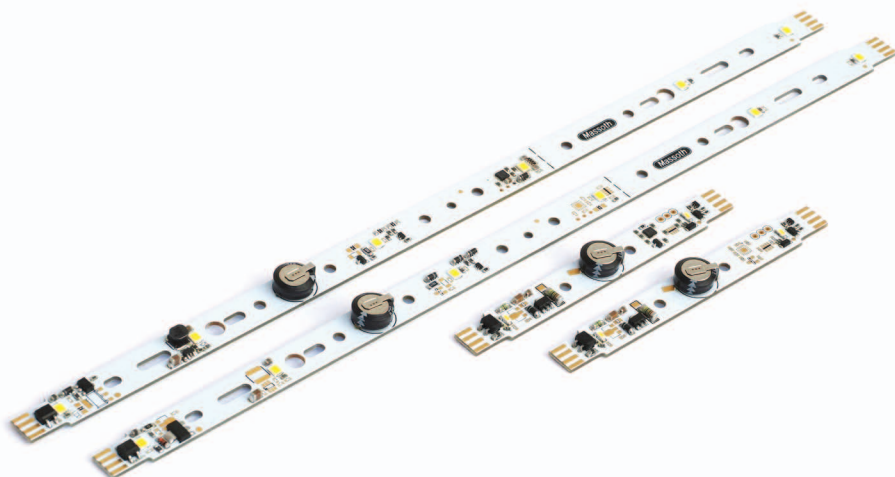
With the track laying tool, flex tracks (including center-conductor and dual gauge tracks) can be laid precisely and with ease. The high-quality injection-molded parts hold the track in the desired shape, allow for trouble-free installation, and make trimming easier. Supplied as a set of 3 pieces including a matching hex key.

8103045 **G**



Flexgleisspanner 45mm, G (Code 332, 250, 200)
Flex Track Clamps 45mm, G (Code 332, 250, 200)

The 45 mm flex track bender is a high-quality tool for fixed bending of flex tracks, minimizing rework when creating custom track radii. It is made of premium stainless steel and is suitable for G scale or Gauge 1 with track codes 332, 250, and 200.



8121010

NEU

LED Lichtleiste 100mm, analog (2/Pack)
LED Lighting Unit 100mm, analog (2/pack)
 With integrated buffer for up to 30 seconds of uninterrupted lighting. Service-friendly plug connection for easy roof removal. Two high-performance LEDs for uniform illumination.

8123010

LED Lichtleiste 300mm, analog (2/Pack)
LED Lighting Unit 300mm, analog (2/pack)
 With integrated buffer for up to 30 seconds of uninterrupted lighting. Service-friendly plug connection for easy roof removal. Six high-performance LEDs for uniform illumination.

8121020

NEU

LED Lichtleiste 100mm, digital (2/Pack)
LED Lighting Unit 100mm, digital (2/pack)
 With integrated buffer for up to 30 seconds of uninterrupted lighting. Service-friendly plug connection for easy roof removal. Two high-performance LEDs for uniform illumination. Extensive programming options for lighting effects.

8123020

LED Lichtleiste 300mm, digital (2/Pack)
LED Lighting Unit 300mm, digital (2/pack)
 With integrated buffer for up to 30 seconds of uninterrupted lighting. Service-friendly plug connection for easy roof removal. Six high-performance LEDs for uniform illumination. Extensive programming options for lighting effects.



8129580



Weihnachtsbaum 2 cm (3/Pack)

Christmas Tree 2 cm (3/pack)

Beautifully stylized Christmas tree for small locomotives or as a layout decoration. Equipped with new golden-yellow LEDs simulating candles. Includes power regulation for consistent brightness. Suitable for many track gauges.

Foto: Stefan Schwegler

8129590



Weihnachtsbaum 5 cm (2/Pack)

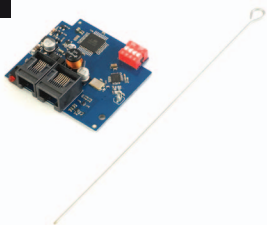
Christmas Tree 5 cm (2/pack)

Beautifully stylized Christmas tree for large locomotives or as a layout decoration. With 12 golden-yellow LEDs simulating candles. Includes power regulation for consistent brightness. Suitable for many track gauges.



You can also find many tips on design options in the Wiki.

8133109

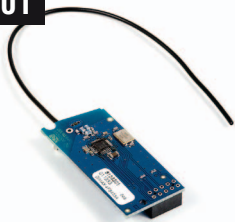


DiMAX Funkempfänger EU (Ersatzteil)

DiMAX Receiver EU (Spare Part)

Spare part for replacing defective DiMAX radio receivers EU (433 MHz). Supplied without housing.

8133301



DiMAX Funksender EU pro (Ersatzteil)

DiMAX Transmitter EU pro (Spare Part)

Spare part for replacing defective DiMAX radio transmitters EU (433 MHz). EU+ version for extended range.

8135611



DiMAX Schaltnetzteil 24V | 12.5A (DE | Deutschland)

DiMAX Power Supply Unit 24V | 12.5A (DE | Germany)

Power supply compliant with current EU regulations for DiMAX digital central stations and DiMAX digital boosters. With integrated power switch for complete disconnection from the mains.

8135612

DiMAX Schaltnetzteil 24V | 12.5A (CH | Schweiz)

DiMAX Power Supply Unit 24V | 12.5A (CH | Switzerland)

8135613

DiMAX Schaltnetzteil 24V | 12.5A (UK | Großbritannien)

DiMAX Power Supply Unit 24V | 12.5A (UK | Great Britain)

8135614

DiMAX Schaltnetzteil 24V | 12.5A (US | USA)

DiMAX Power Supply Unit 24V | 12.5A (US | USA)

8151301



eMOTION Powercap 200

Buffer for small locomotives (e.g., field railway engines) or smaller scales such as H0. 20 watt-seconds storage capacity for approx. 4 seconds of buffering at 300 mA nominal current. Replaces 8151001 power buffer while offering a significantly smaller size.

8151311

NEU



eMOTION Powercap 900

Buffer for single-motor garden railway locomotives with 92 watt-seconds storage capacity for approx. 6 seconds of buffering at 600 mA nominal current. Replaces 8151601 Powercap micro while offering a significantly smaller size.

8151321

NEU



eMOTION Powercap 2300

Buffer for large garden railway locomotives with 230 watt-seconds storage capacity for approx. 12 seconds of buffering at 2000 mA nominal current. Replaces 8151701 Powercap maxi while offering a significantly smaller size.

8151331

NEU



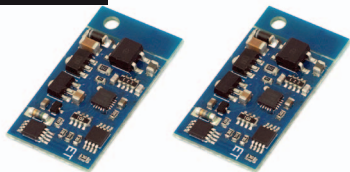
eMOTION Powercap 900mfx

The Powercap 900mfx is specially designed for the buffer interface of mfx/DCC large-scale decoders. Measuring only $32 \times 22 \times 24$ mm, it requires less installation space while still offering performance comparable to the Powercap 900, with up to 6 seconds of buffering at 600 mA current draw — and significantly more at lower consumption.



Further information on the new buffers can also be found in the Wiki.

8152611



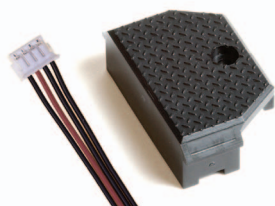
eMOTION 4FX Funktionsdecoder (2/Pack)

eMOTION 4FX Function Decoder (2/Pack)

Compact 4-function decoder with extensive programming options for lighting effects and large solder pads on the underside for easy connection.

8156610

NEU



DiMAX Schaltdecoder 1K III

DiMAX Switch Decoder 1K III

Switch decoder for 1 EPL turnout with weather-proof, service-friendly plug connection and additional contact input or feedback outputs.

8156900



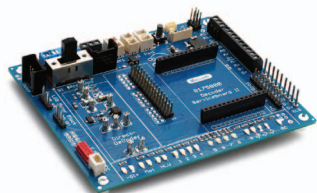
DiMAX LED Steuermodul

DiMAX LED Control Module

16-channel LED controller for a wide range of lighting effects. Can also be used as a 4-fold signal decoder. Analog or digital control via DIP switches or CV programming.

8175800

NEU



DiMAX Decoder Serviceboard 2.0

DiMAX Decoder Service Board 2.0

Test and diagnostic board for decoders and accessories. Many enhancements compared to the previous version.

8170010



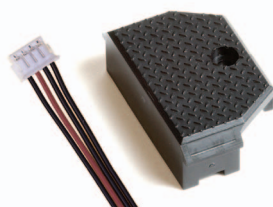
DiMAX FB Rückmeldemodul

DiMAX FB Feedback Module

16-channel feedback module for automated control processes. Can also be used as a display module for status indications. New shielded feedback bus with master-slave function.

8170090

NEU



DiMAX FB Gleiskontakt III (2/Pack)

DiMAX FB Track Contact III /2/pack)

Magnetic track contact with weatherproof, service-friendly plug connection. Compatible with both the new and the old feedback module. Can also be connected to EVO-X or switch decoders.

8170510



DiMAX FB Belegtmeldemodul

DiMAX FB Train Detection Module

4-channel occupancy detector for current monitoring in 4 tracks. With track voltage monitoring for reliable operation. Compatible with both the new and the old feedback module.

8179000

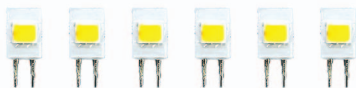


DiMAX FB Busverteiler

DiMAX FB Bus Adapter

4-way distributor for the new shielded DiMAX FB feedback bus. Can also be used as an adapter for the Massoth control bus.

8311120



LED Stecklampe, vertikal 5V (6/Pack)

Plug-In LED, vertical 5V (6/Pack)

Replaces 5 V bulb in vertical plug orientation.

8311130

NEU

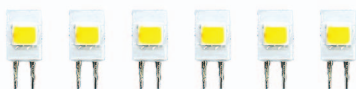


LED Stecklampe, horizontal 5V (6/Pack)

Plug-In LED, horizontal 5V (6/Pack)

Replaces 5 V bulb in horizontal plug orientation.

8311320



LED Stecklampe, vertikal 24V (6/Pack)

Plug-In LED, vertical 24V (6/Pack)

Replaces 19 V or 24 V bulb in vertical plug orientation.

8311330

NEU



LED Stecklampe, horizontal 24V (6/Pack)

Plug-In LED, horizontal 24V (6/Pack)

Replaces 19 V or 24 V bulb in horizontal plug orientation.



Further information on this can also be found in the Wiki.

8312063



eMOTION 8FL Schnittstellenkabel (8-polig)

eMOTION 8FL Interface Cable (8-pin)

Enables easy digitalization of RhB cars with interface.

Makes 4FX or 10FX pluggable for the 8-pin interface.

8312064

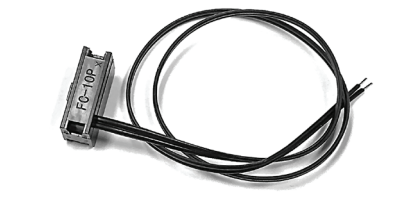


Anschlusskabel Rangierkupplung (400mm)

Connection Cable Switching Coupler (400mm)

Replacement cable for the Shunting Coupler 2.0. Can also be used as a test cable for uncouplers on the Service Board 8175800.

8312065

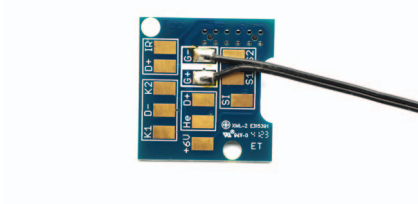


Anschlusskabel Weichenantrieb EVO-S (300mm)

Connection Cable Switch Drive EVO-S (300mm)

Replacement cable for the EVO-S switch drive.

8312066



Anschlussplatine Weichenantrieb EVO-X (300mm)

Connection Board Switch Drive EVO-X (300mm)

Replacement board for the EVO-X switch drive.

8312067

NEU



Anschlusskabel LED Lichtleiste

Connection Cable LED Lighting Units

For convenient, service-friendly connection of the latest LED strips.

8312068

NEU



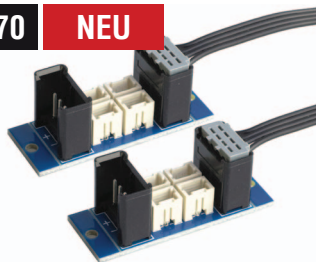
Anschlusskabel Gleismodule

Connection Cable Track Modules

For service-friendly connection of track modules (Switch Decoder 1K III, Track Contact III) from 2025 onwards.

8312070

NEU



Funktionsadapter M2F4 (2/Pack)

Function Adapter M2F4 (2/Pack)

Simple 4-way plug distributor for Massoth uncouplers or pantograph drives. Connects directly to DCC track power or locomotive gearbox, alternatively to a decoder switch output.

8440013



Antrieb für Einholmstromabnehmer 2.0 (2/Pack)

Drive for single arm pantograph 2.0 (2/pack)

New improved version with integrated DCC decoder. Includes adapter plate for direct replacement of LGB drives. Smooth, slow movement with bounce function. The extension height is adjustable.

8440023



Antrieb für Scherenstromabnehmer 2.0 (2/Pack)

Drive for scissor pantograph 2.0 (2/pack)

New improved version with integrated DCC decoder. For retrofitting garden railway locomotives without a drive. Smooth, slow movement with bounce function. The extension height is adjustable.

8440092



Montageset LGB Selbstentladewagen (4161x)

Mounting kit for LGB function car (4161x)

Conversion kit for fully automatic digital operation. In combination with 8440013, no decoder is required anymore.

8442010

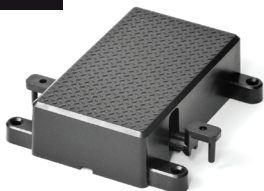


Rangierkupplung 2.0 (2/Pack)

Switching Coupler 2.0 (2/Pack)

New improved electronics with integrated DCC decoder. Optimized design for safe, automatic coupling. Pluggable cable for easy installation (8312064).

8444000

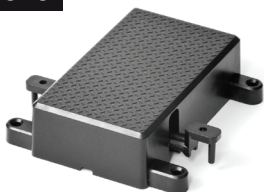


EVO-S Weichenantrieb

EVO-S Switch Drive

Motorized switch drive with freewheel. Digital decoder with many functions already integrated and also usable in analog mode. Suitable for almost all garden railway turnouts. Please refer to the Wiki article for further information.

8444010



EVO-X Weichenantrieb

EVO-X Switch Drive

Switch drive similar to the EVO-S with extended functions. Real monitoring of the switching process, position feedback, contact inputs or feedback outputs, connection for internal + external turnout heating, PZB function. Please refer to the Wiki article for further information.

8444050

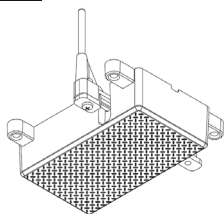


EVO Weichenheizung (3/Pack)

EVO Turnout Heater (3/Pack)

The EVO switch heater enables garden railway operation even under winter conditions, as snow and ice are reliably melted away from the moving parts of a turnout. To control the EVO switch heater, the EVO-X switch drive or a switch decoder is required.

8444090



EVO Unterflurerweiterung (5/Pack)

EVO Under Floor Extension (5/Pack)

With the underfloor extension, the EVO switch drive can be converted into an underfloor drive. In addition to the underfloor adapter, the scope of delivery also includes the appropriate screws for mounting the drive underneath a wooden board. Suitable for a maximum board thickness of approx. 25 mm.



8161102

Bernina Express

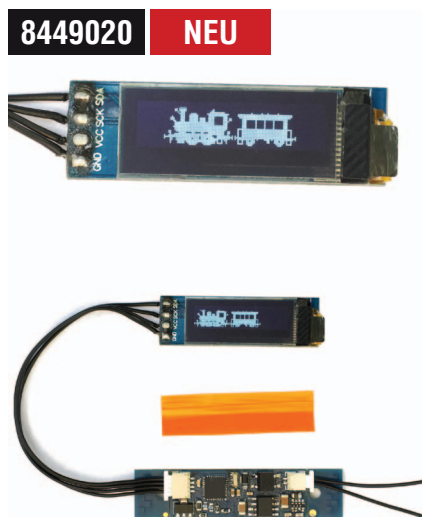
HSB

Wernigerode
Bracken

Zug-Ziel-Display 5212 (2/Pack)

Train-Destination-Display 5212 (2/pack)

ZZD with large 52 × 12 mm display, integrated DCC decoder, in a matching housing for the LGB ALLEGRA. Features 400 station names, 18 images, customizable texts and station lists, and an easy-to-read font.



8449020

NEU

Zug-Ziel-Display 3812 (2/Pack)

Train-Destination-Display 3812 (2/pack)

Innovative ZZD with compact 38 × 12 mm display unit and easy-to-read font. The flexible installation concept allows custom integration in many models. A suitable display foil is included for an amber-colored display. The compact ZZD also offers 400 station names, 18 images, customizable texts, and station lists.

old item	new item	€	Page
8103103	8103001	19,-	3
8103203	8103011	19,-	3
---	8103021	19,-	3
8103303	8103031	19,-	3
---	8103045	54,-	3
8122202	8121010	22,-	4
8122302	8121020	35,-	4
8124202	8123010	32,-	4
8124302	8123020	45,-	4
---	8129580	24,-	5
---	8129590	18,-	5
8133101	8133109	119,-	6
8133301	8133301	95,-	6
8135601	8135611	169,-	6
8135602	8135612	169,-	6
8135603	8135613	169,-	6
8135604	8135614	169,-	6
8151001	8151301	29,-	7
8151601	8151311	39,-	7
8151701	8151321	49,-	7
---	8151331	29,-	7
---	8152611	35,-	8
8156601	8156610	39,-	8
---	8156900	49,-	8
8176001	8175800	95,-	8

old item	new item	€	Page
8170001	8170010	74,90	9
8420602	8170090	49,-	9
8170501	8170510	55,-	9
---	8179000	32,-	9
8311110	8311120	19,-	10
8311110	8311130	19,-	10
8311310	8311320	19,-	10
8311310	8311330	19,-	10
---	8312063	6,50	11
---	8312064	7,-	11
---	8312065	3,-	11
---	8312066	7,-	11
---	8312067	4,50	12
---	8312068	4,50	12
---	8312070	19,90	12
8440012	8440013	119,-	13
8440022	8440023	119,-	13
8440091	8440092	25,-	13
8442000	8442010	115,-	13
---	8440000	59,90	14
---	8440010	79,90	14
---	8440050	29,-	14
---	8440090	16,90	14
---	8161102	129,-	15
---	8449020	86,-	15

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Massoth Systems GmbH

Frankensteiner Str. 28 · D-64342 Seeheim · Germany

FON: +49 (0)6151-35077-0 · FAX: +49 (0)6151-35077-44

eMail: info@massoth.de · www.massoth.de

8000112
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