

Model of the Ge6/6 Gauge II m series

2nd edition with Massoth decoder



The model of Ge 6/6

The model is made of plastic and all important details that are characteristic of this model have been included recreated.

The model is powered by two powerful and long-lasting engines on the two outer bogies driven. The encapsulated gears are filled with grease and are therefore maintenance-free.

The model travels through radii up to a minimum of 600 mm. White 5 V bulbs are installed in the front lamps.

The red taillights are equipped with LEDs.

There is no need to maintain any electrical or mechanical parts inside the locomotive no need to open the model. The guarantee conditions must be observed here.

Technical data:

- DC voltage operation (with built-in decoder LGB and DCC operation)
- switchable to upper and lower line
- Prototypical lighting for each direction of travel, switchable from Swiss light to red Taillight
- Hook coupling
- 4 axles powered
- Minimum radius 600 mm
- Weight approx. 7000 g

Unpacking:

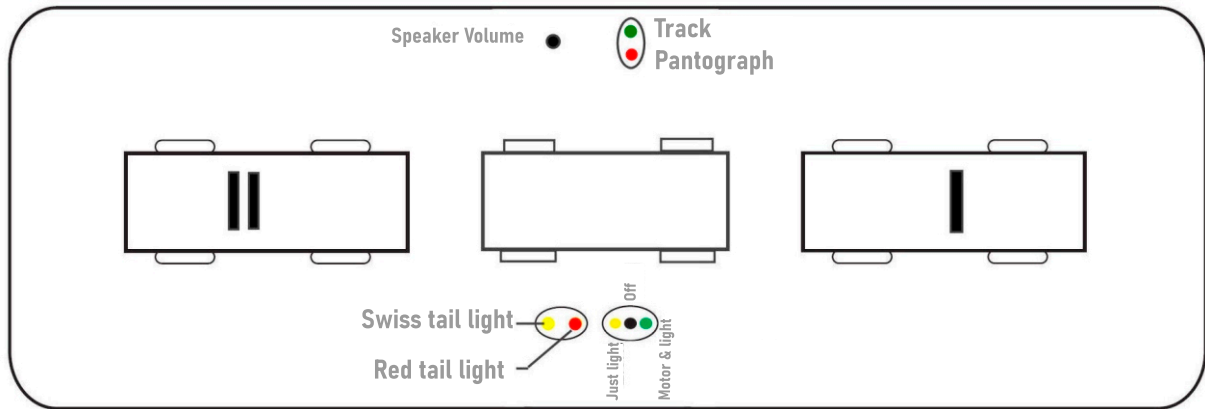
The model is packed in Styrofoam in a sturdy box.

To send the locomotive, please use the original packaging with all filling pieces. Put them like this secured shipment in another box with padding.

Installation:

Adjust the switches installed on the locomotive floor to your specifications.

The switch positions can be found in the following picture:



As seen from above

Place the locomotive on the still de-energized track. Please hold the locomotive with **both hands** Remove evenly from the Styrofoam packaging.

Only for digital operation:

The built-in Massoth decoder automatically detects whether you are driving with DC voltage or in digital mode. In analogue mode, the sound and lighting are switched on.

The locomotive address is #6

The different function keys mean in digital operation:

- | | |
|----------------------------------|--|
| - F1 whistle signal | F11 Pantho down |
| - F2 brake noise | F12 Pantho high |
| - F3 whistle signal with echo | F13 compressor |
| - F4 announcement | F14 vacuum pump |
| - F5 aggregates on/off | F15 step switch |
| - F6 sound on/off | F16 switchable delay |
| - F7 cab lighting | |
| - F8 shunting gear | F13-F15 can only be switched in parallel |
| - F9 announcement | |
| - Open F10 air valve | |
| - Light button: headlamps on/off | |

F1-F12 can be connected in series and parallel and is automatically recognized by the decoder. For dirty tracks and DCC operation, program CV49 from 2 (automatic detection) to 3 (DCC operation).

We are pleased that you have purchased our Ge 6/6 model and hope you enjoy it Locomotive.

Guarantee and contact:

The guarantee is based on the legal regulations.

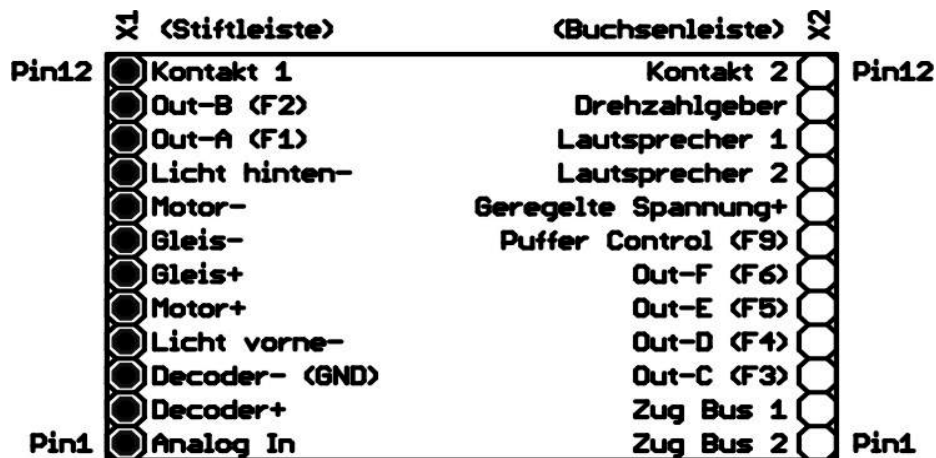
The guarantee is void if opened improperly or modified.



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Massoth Spur G DCC Interface

Belegung der Massoth Spur G Schnittstelle



Stift+Buchsenleiste : RM2,54 0,6mm

Ansicht : Blick auf Lokschnittstelle

Pin	Funktion	Technische Daten	Dekoder
X1 - 1:	Potentiometer for volume control	0.5 volt	input
X1 - 2 : 1)	Decoder + (for all GND switching outputs)		output
X1 - 3 : 2)	Decoder		output
X1 - 4:	Front light	GND switched	output
X1 - 5:	Motor +		output
X1 - 6:	Track + (left track in the direction of travel)		input
X1 - 7:	Track - (right track in the direction of travel)		input
X1 - 8:	Motor		output
X1 - 9:	Rear light switched to	GND	output
X1 - 10:	Output-A (usually F1)	GND switched	output
X1 - 11:	Output-B (usually F2)	GND switched	output
X1 - 12:	Contact 1 (manual sound triggering)	GND switched	input
X2 - 1 :	Train-Bus-2 (Only for Massoth XLS-P)		input/output
X2 - 2 :	Train-Bus-1 (Only for Massoth XLS-P)		input/output
X2 - 3:	Output-C (usually F3)	GND switched	output
X2 - 4:	Output-D (usually F4)	GND switched	output
X2 - 5 :	Output-E (usually F5)	0V / 5V (10mA)	output
X2 - 6 :	Output-F (usually F6)	0V / 5V (10mA)	output
X2 - 7:	Control pin voltage buffer	GND switched	output
X2 - 8:	Auxiliary voltage for volume control	+6.5V (20mA)	output
X2 - 9:	Speaker connection 2	8 ohms / at least 1W	output
X2 - 10:	Speaker connection 1	8 ohms / at least 1W	output
X2 - 11:	Speed sensor for speed	GND switched	input
X2 - 12:	Contact-2 (manual sound triggering)	GND switched	input

- 1) Consumers connected to the base board may have their own voltage regulation.
- 2) Must be connected so that the control of the base board works properly!

Contacts X1-2 to X1-11 correspond to the LGB® DCC interface. A decoder (e.g. Massoth® or LGB®) can be used here using DCC interface cable can be connected very easily.

"GND switched" means that this connection is connected to GND (dec.-) via a switch.
 For decoder outputs, this is an electronic switch in the decoder.
 For inputs, a reed contact or Hall sensor (open collector) can be connected here.

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Modell der Baureihe Ge6/6 Spur II

2. Auflage mit Massoth Decoder



Das Modell der Ge 6/6

Das Modell ist aus Kunststoff gebaut und alle wichtigen und für dieses Modell charakteristischen Details wurden nachgebildet.

Das Modell wird von zwei leistungsstarken und langlebigen Motoren auf den beiden äußeren Drehgestellen angetrieben. Die gekapselten Getriebe sind mit Fett gefüllt und somit wartungsfrei.

Das Modell durchfährt Radien bis minimal 600 mm. In den Frontlampen sind weiße 5 V Birnchen eingebaut. Die roten Rückleuchten sind mit LED bestückt.

Da weder elektrische noch mechanische Teile im Inneren der Lokomotive gewartet werden müssen, besteht keine Notwendigkeit das Modell zu öffnen. Hierbei sind die Garantiebedingungen zu beachten.

Technische Daten:

- Gleichspannungsbetrieb (bei eingebautem Decoder LGB und DCC Betrieb)
- umschaltbar auf Ober- und Unterleitung
- vorbildgerechte Beleuchtung für jede Fahrtrichtung, umschaltbar von schweizer Lichtwechsel auf rotes Rücklicht
- Hakenkupplung
- 4 Achsen angetrieben
- Mindestradius 600 mm
- Gewicht ca. 7000 g

Auspacken:

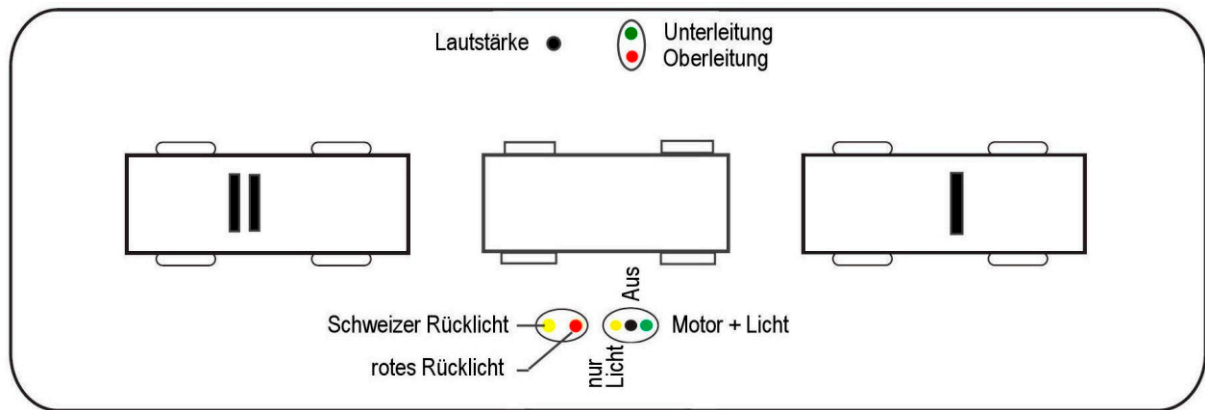
Das Modell ist in einem stabilen Karton in Styropor verpackt.

Zum Verschicken der Lok benutzen Sie bitte die Originalverpackung mit allen Füllstücken. Legen Sie die so gesicherte Sendung in einen weiteren mit Polsterstücken versehenen Karton.

Inbetriebnahme:

Stellen Sie die am Lokomotivboden eingebauten Schalter entsprechend Ihren Vorgaben ein.

Die Schalterstellungen entnehmen Sie folgendem Bild:



von oben gesehen

Stellen Sie die Lokomotive auf das noch stromlose Gleis. Bitte dazu die Lokomotive mit **beiden Händen** gleichmäßig aus der Styropor Verpackung entnehmen.

Nur bei Digitalbetrieb:

Der eingebaute Massoth Decoder erkennt automatisch ob Sie mit Gleichspannung oder im Digitalbetrieb fahren. Im Analogbetrieb sind der Sound und die Beleuchtung eingeschaltet.

Die Lokadresse ist #6

Die verschiedenen Funktionstasten bedeuten bei Digitalbetrieb:

- | | |
|------------------------------------|--------------------------------|
| - F1 Pfeifsignal | F11 Pantho runter |
| - F2 Bremsgeräusch | F12 Pantho hoch |
| - F3 Pfeifsignal mit Echo | F13 Kompressor |
| - F4 Ansage | F14 Vakuumpumpe |
| - F5 Aggregate Ein/Aus | F15 Stufenschalter |
| - F6 Sound Ein/Aus | F16 schaltbare Verzögerung |
| - F7 Führerstandbeleuchtung | |
| - F8 Rangiergang | F13-F15 nur parallel schaltbar |
| - F9 Ansage | |
| - F10 Lufthahn öffnen | |
| - Taste Licht: Stirnlampen ein/aus | |

F1-F12 sind seriell und parallel schaltbar und wird vom Decoder automatisch erkannt.

Bei verschmutzten Gleisen und DCC-Betrieb programmieren Sie den CV49 von 2 (automatische Erkennung) auf 3 (DCC-Betrieb) um.

Wir freuen uns, dass Sie unser Modell der Ge 6/6 erworben haben und wünschen Ihnen viel Spaß mit Ihrer Lokomotive.

Garantie und Kontakt:

Die Garantie richtet sich nach den gesetzlichen Vorschriften.
Die Garantie erlischt bei unsachgemäßem Öffnen oder bei Umbauten.

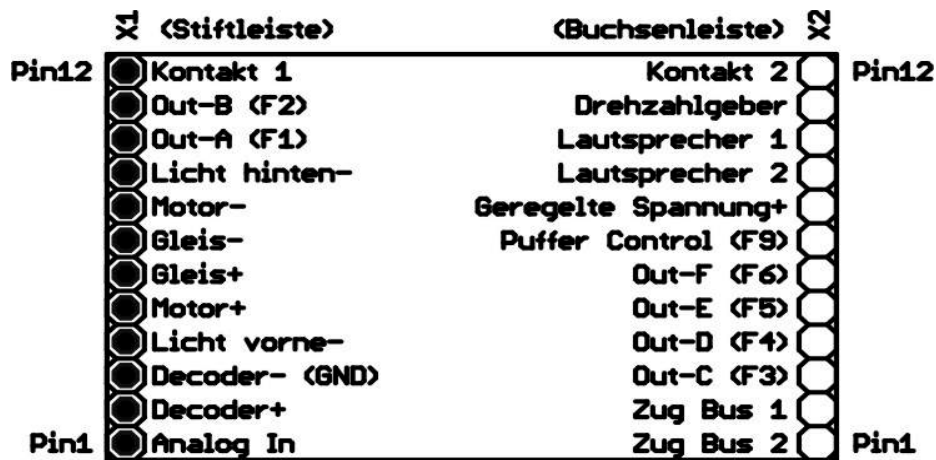
Ansprechpartner:



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