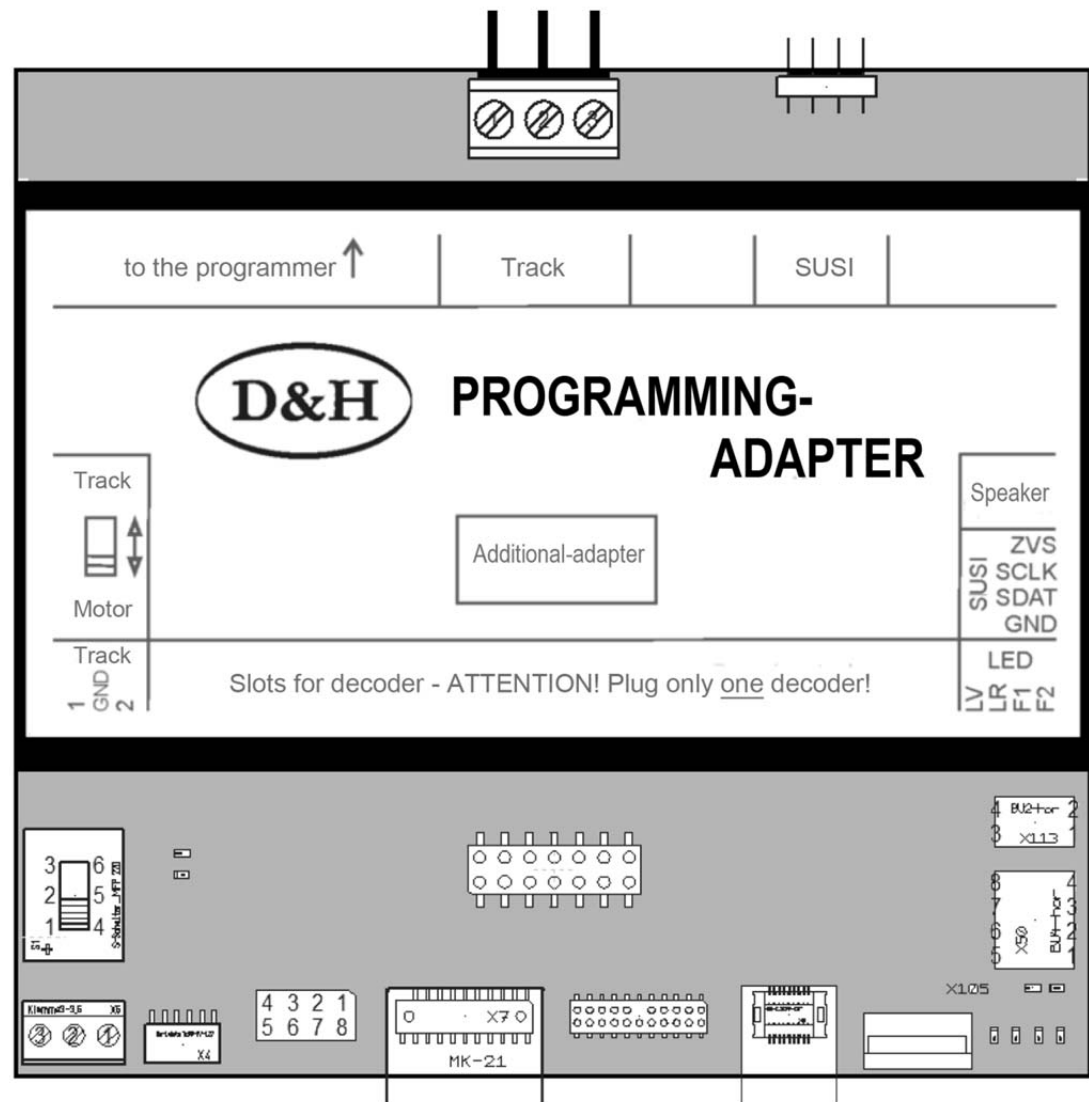




Doehler & Haass

PROGRAMMING-ADAPTER Operating Instructions



Specifications

Power Supply

The programming-adapter requires no separate power supply. It will be delivered by the programmer together with other required signals.

An incorporated speaker with 8Ω serves to check the sound.

For a better control of the sound quality an external speaker with 8Ω can be connected to the parallel switched speaker socket (see the right side of the adapter).

No motor, because an incorporated PTC substituting the motor is sufficient for programming.

Connections

Direction Programmer:

Track Screw terminals for a permanent connection with the programmer.
This connection takes the track signals from the programmer.

SUSI Takes the SUSI control signals as well as the voltage for programming the SOUND-Decoder

Direction User (from left to right):

Track Screw terminals for track connection.
The function of the corresponding change-over switch see below:
"The function of the selection switch TRACK – MOTOR"

6 slots for decoders

- with 6-pin flat ribbon cable formerly NEM651
- with 8-pin plug „ROCO®“-plug, formerly NEM652
- with 21-pin plug according MTC21, formerly NEM660
- with PLUX-interface PLUX12/16/22, formerly NEM658
- with 18-pin plug NEXT18, formerly NEM662
- with 14-pin plug MTC14 („Märklin®“-gauge-N plug)

!!! Attention: Just 1 decoder may always be inserted !!!

Sockets on the right side of the device

- 4-pin connection for SUSI
- 2-pin connection for an optional external speaker with 8Ω

Anzeigen

- 4 LED LV / LR / F1 / F2 (on the right below)
- 2 LED Track ON (on the right beside the switch), SUSI ON (below of the SUSI-connection)

Operation

At the programming of a SOUND-decoder two different processes come to application, according to the operating condition.

- **Update of the decoder:** Will be carried out over the track signals
- **Uploading of the sound project:** Will be carried out over the SUSI-interface

**Switching between these two processes
will be carried out automatically in the programming-adapter!**

Function of the selection switch TRACK – MOTOR

With this switch two operating modes can be chosen in the direction of the track output:

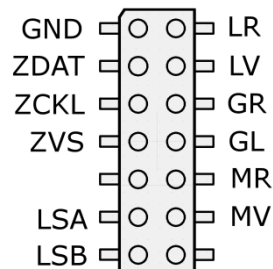
TRACK in this position the output is directly connected with the track output of the programmer

MOTOR in this position the motor signals MV and MR of the decoder will be put onto the output

The sense of this switching is, that locomotives with incorporated decoders can be tested on the connected track section (position TRACK) and also the driving characteristics of a decoder still for installing (plugging in one of the slots) (position MOTOR). For this a normal DC-locomotive must be put on the connected track.

Function of the 14-pin socket ADDITIONAL-ADAPTER


This socket can be connected with another adapter from below (grid dimension 2,54 mm) for special purposes. This socket is connected with 6 decoder signals (MV, MR, GR, GL, LV, LR) as well as with 4 signals of the SUSI-interface (GND, ZDAT, ZCKL, ZVS) and with the speaker (LSA, LSB) (see chart below).




This instruction should be kept for later use!

For this product you get a 2 years warranty.

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	This product must not be disposed at the end of its service life in normal household waste. Please use the recycling depot of your community.
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	Nicht geeignet für Kinder unter 14 Jahren. Not suitable for children under 14 years. Ne convient pas aux enfants de moins 14 ans.
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