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**PROFESSIONAL AUDIO & VIDEO PRODUCTS
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DATE: Friday, August 02, 2002

Contact Closure Interface for the DX38 information

Part# 112766

Connector type: 9-pin DSUB

Pinout:

Pin 1: Common

Pin 2-8: Preset selection, latching...tie to common

This accessory is used to select presets. The user can select the preset MAP.

EV suggests a rotary switch as the selector.

RETROFITTING INSTRUCTIONS

10.2 RETROFITTING INSTRUCTIONS

CAUTION: These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the Operating Instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

10.2.1 Installation manual for the input transformer (NRS 90244, EDP-No. 112757):

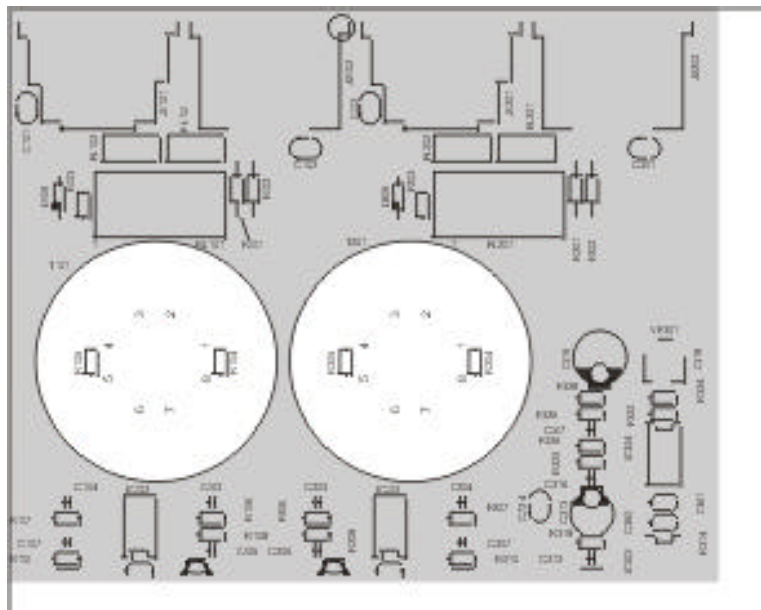
Contents NRS 90244:

1 x Input transformer RK279

1 x Screw M2,5 x 6

Installation instructions NRS 90244:

1. Switch the Dx 38's power off and unplug the mains cord.
2. Remove the cover plate after unscrewing 2 screws on the top, 4 on the sides, and 3 on the rear.
3. To be able to install the transformer you have to remove the printed board assembly 80448 (Analog Board). Loosening the printed board assembly 80449 (Digital Board) is also necessary. Loosen all screws of the Digital Board 80448 (16 screws on the rear plate which hold the sockets, 9 on the bottom plate) and of the printed board assembly 80449 (5 screws on the bottom plate). Detach the connections between the two printed board assemblies. Slightly lift the printed board 80448 and carefully pull it in the direction to the front of the appliance until the sockets are out of the rear plate. Now, you can turn the printed board assembly 80448 so that the needed contacts for installing the transformer are accessible.
4. Remove the two resistors of the specific input channel (IN 1: R104 / R105, IN 2: R204 / R205).
5. Clean the holes for the transformer from soldering tin by suction (7 holes per transformer).
6. Insert the transformer for IN 1 into the holes at position T101 or for IN 2 at position T201.
7. Fix the transformer onto the printed board assembly by using the supplied screw.
8. Solder the contacts of the transformer on the printed board assembly (7 soldering points per transformer).
9. Re-install all printed board assemblies in the opposite manner of their removal. Make sure that all wire connections are re-connected and that all fixing screws are tightened in place.
10. Re-attach the cover plate and tighten its screws.



Position of the printed board assemblies inside of the Dx 38

10.2.2 Installation manuals for interface cards:

RS-232 Interface	(NRS 90243, EDP-No. 112756)
Contact Closure Interface	(NRS 90246, EDP-No. 112766)
RS-485 Interface	(NRS 90247, EDP-No. 112767)

Contents NRS 90243:

- 1 x Information sheet NRS 90243
- 1 x Printed board assembly RS-232 (83113)
- 1 x Rear plate blinding
- 1 x Flat wire cable 26-pole
- 4 x Screws M3 x 6

Contents NRS 90246:

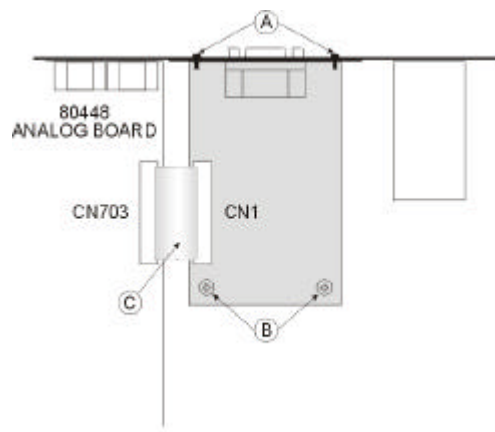
- 1 x Information sheet NRS 90246
- 1 x Printed board assembly Contact Closure (83114)
- 1 x Rear plate blinding
- 1 x Flat wire cable 26-pole
- 4 x Screws M3 x 6

Contents NRS 90247:

- 1 x Information sheet NRS 90247
- 1 x Printed board assembly RS-485 (83115)
- 1 x Rear plate blinding
- 1 x Flat wire cable 26-pole
- 4 x Screws M3 x 6

Installation instructions NRS 90243, NRS 90246, NRS 90247:

1. Switch the Dx 38's power off and unplug the mains cord.
2. Remove the cover plate after unscrewing 2 screws on the top, 4 on the sides, and 3 on the rear.
3. Loosen the blinding on the rear plate (2 screws on the rear).
4. Install the extension kit's printed board assembly at the correct destination (see figure below).
5. First, tighten the screws at the rear plate (A) and then the two screws that fix the printed board assembly in place at the bottom plate (B).
6. Using the supplied flat wire cable (C), establish the connections between the printed board assembly of the extension kit and the Analog Board (printed board assembly 80448).
7. Re-attach the cover plate and tighten its screws. Re-insert the mains cord and switch the appliance's power on. The newly installed interface is automatically recognized.
8. Now, you are able to make all necessary software settings for the interface in the OPTION mode (see also chapter 9, OPTION FUNCTIONS).



Position of the NRS 90243, NRS 90246, NRS 90247 in the Dx 38

ABMESSUNGEN / DIMENSIONS

Abmessungen / Dimensions (in mm)

