

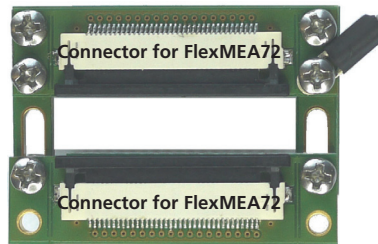
ADPT-FM-72

FlexMEA72 Adapter for two ME2100-HS32 or two 32-Channel Miniature Preamplifiers MPA32I



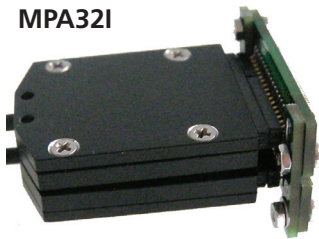
Connector for ME2100-HS32 or MPA32I No. 2

Connector for ME2100-HS32 or MPA32I No. 1

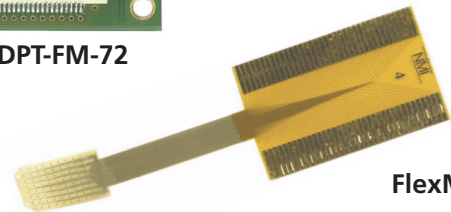


Adapter ADPT-FM-72

MPA32I



Adapter ADPT-FM-72 connected to both MPA32Is.



FlexMEA72

Plastic Spacer



Application

Connecting the FlexMEA72 via ADPT-FM-72 using the example of two MPA32I miniature preamplifiers.

ADPT-FM-72: The adapter is equipped with the connectors for the MPA32Is on one side and the connectors for the FlexMEA72 on the other side.

MPA32I: The side with no screws is considered to be the top side of the MPA32I. The MPA32Is have to be connected with their top sides facing to each other (to the inner part of the adapter) and the bottom sides facing outwards.

FlexMEA72: On the FlexMEA72 the side with the writing "NMI" is the side with contact pads and electrodes. This side looks golden compared to the backside and the letters "NMI" are readable.

Plastic Spacer: The spacers between FlexMEA72 and drawers ensures the contact between the printed circuit board of the adapter and the contact pads.

Warning: The adapter ADPT-FM-72 may only be used together with a FlexMEA72 and with ME2100-HS32 or MPA32I from Multi Channel Systems MCS GmbH, and only for the specific purpose. Damage of the device and even injuries can result from improper use.

Scope of delivery:

1 Adapter ADPT-FM-72

2 bars

6 Button head screws, M2x5 mm. washers, screw nuts

ADPT-FM-72

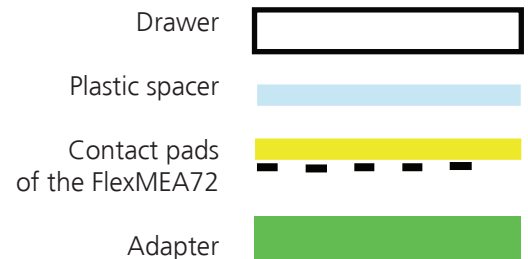
FlexMEA72 Adapter for two ME2100-HS32 or Two 32-Channel Miniature Preamplifiers MPA32I

Please follow the instructions for mounting the FlexMEA72 on the ADPT-FM-72 step by step.

Tools: A small Philipps head screwdriver and a sharp forceps

Installation

1. Please loosen the screws of the adapter that it is possible to move the bars of the ADPT-FM-72.
2. Open the white drawers of the adapter by pre-drawing the black parts of the drawers with the help of a forceps.
3. Connect the MPA32Is in correct manner, the bottom sides with screws must face outwards.



Important: Please handle the FlexMEA72 with great care!

4. Insert the contact pads of the FlexMEA72 carefully with a forceps into the first drawer. Insert the FlexMEA72 upside down, because the contact pads must have contact to the printed circuit board of the ADPT-FM-72. Place the plastic spacer between contact pads and drawer for a good contact between PCB and FlexMEA72. Please see the scheme. The electrode part of the FlexMEA should face in direction of the ground connector.
5. Close the first drawer by pushing back the black part into the white part. The contact pad is fixed.
6. Insert the opposite contact pad of the FlexMEA72 into the second drawer, place the plastic spacer between the back side of the FlexMEA and the drawer and close it.
7. Tighten the screws of the ADPT-FM-72.

When connecting the FlexMEA72 and the adapter as shown on the picture, the electrodes of the FlexMEA72 face in the same direction as the MPA32Is. The MPA32I on the right side is considered to be MPA32I No 1 with channels No 1 to 32. The MPA32I on the left side of the FlexMEA is defined to be MPA32I No 2 with channels 33 to 64.

