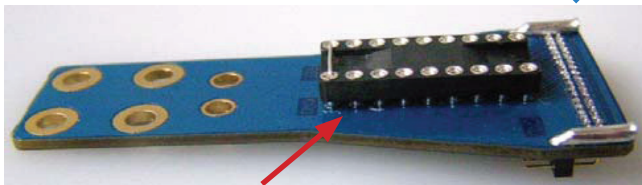


ADPT-NN-16/32

16-Electrode NeuroNexus Probe Adapter for ME2100-HS32 Headstages and MPA32I Amplifiers

Adapter ADPT-NN-16/32

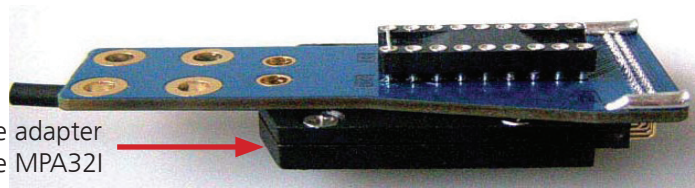


Connector for 16-Electrode NN Probe



MPA32I or ME2100-HS32 connector

Mounting holes for manipulator

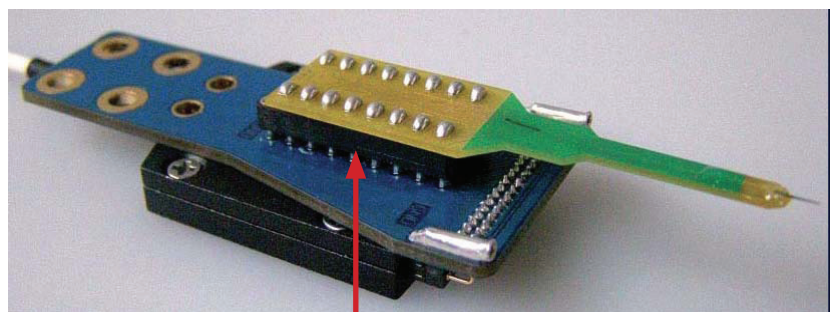


Bottom side of the adapter
Bottom side of the MPA32I

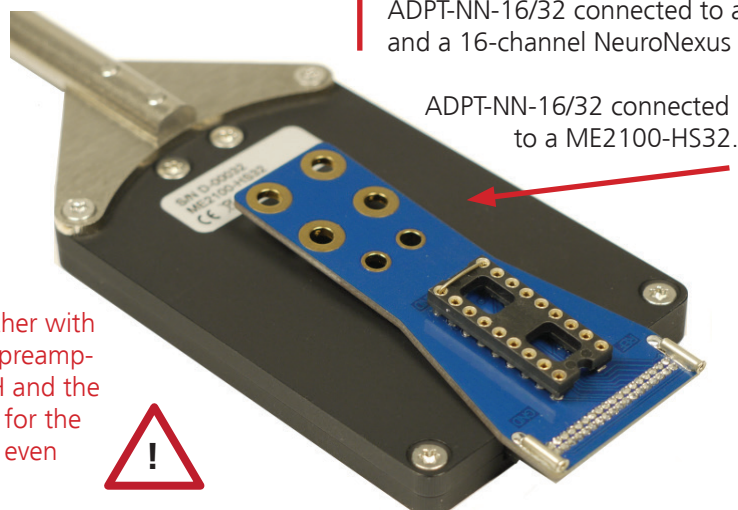
Setup

The side with no screws is defined to be the top side of the ME2100-HS32 and of the MPA32I. The side with screws is the bottom side of the device.

Please connect the ME2100-HS32 or the MPA32I with the bottom side (with screws) facing to the bottom side of the adapter ADPT-NN-16/32.



ADPT-NN-16/32 connected to a MPA32I and a 16-channel NeuroNexus probe.



ADPT-NN-16/32 connected to a ME2100-HS32.

Warning: The device may only be used together with the ME2100-HS32 headstage or the MPA32I preamplifier from Multi Channel Systems MCS GmbH and the 16-channel probe from NeuroNexus and only for the specified purpose. Damage of the device and even fatal injuries can result from improper use.



ADPT-NN-16/32

16-Electrode NeuroNexus Probe Adapter for ME2100-HS32 Headstages and MPA32I Amplifiers

Electrode numbers of NeuroNexus A16 Connector (as of February 2018).



Pin Layout

The indicated numbers are the ME-System channel numbers of the 16-channel NeuroNexus probe that will be displayed in the Multi Channel Experimenter or MC_Rack software. The list beside shows the assignment of the electrode numbers as given by NeuroNexus Technologies.

GND is the ground, REF is the reference input of the miniature preamplifier MPA32I. Please see the MPA32I manual for details. Optionally, it is possible to connect G1/G2 and GND together.

Pin Layout

ME2100-HS32 MPA32I	Experimenter MC_Rack
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Pin 1	GND
Pin 2	REF
Pin 3	Ch 16
Pin 4	Ch 15
Pin 5	Ch 14
Pin 6	Ch 13
Pin 7	Ch 12
Pin 8	Ch 11
Pin 9	Ch 10
Pin 10	Ch 9
Pin 11	Ch 1
Pin 12	Ch 2
Pin 13	Ch 3
Pin 14	Ch 4
Pin 15	Ch 5
Pin 16	Ch 6
Pin 17	Ch 7
Pin 18	Ch 8

Pin 19 to Pin 35 are not connected

Pin 36 GND

Important: Operation of the MPA32I is differential. The reference channel REF has to be used for obtaining a proper signal. Please see the MPA32I manual for details.

