

## ADPT-NN-16

### Adapter for 16-Electrode NeuroNexus Probe and two MPA8I Amplifiers

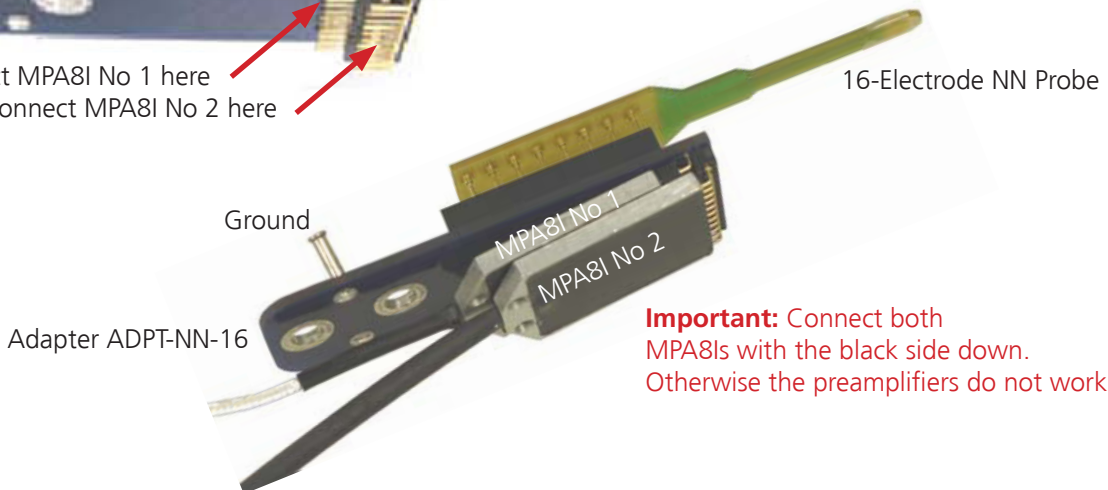
Connecting two MPA8Is to the adapter ADPT-NN-16

#### Adapter ADPT-NN-16



Connect MPA8I No 1 here  
Connect MPA8I No 2 here

Setup with probe from NeuroNexus,  
adapter ADPT-NN-16 and two MPA8Is.



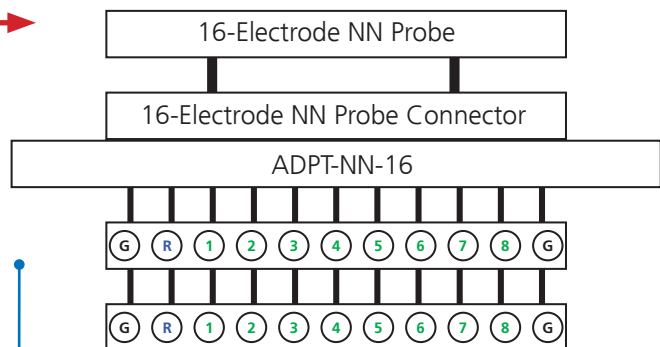
**Important:** Connect both MPA8Is with the black side down. Otherwise the preamplifiers do not work.

#### Channel Assignment

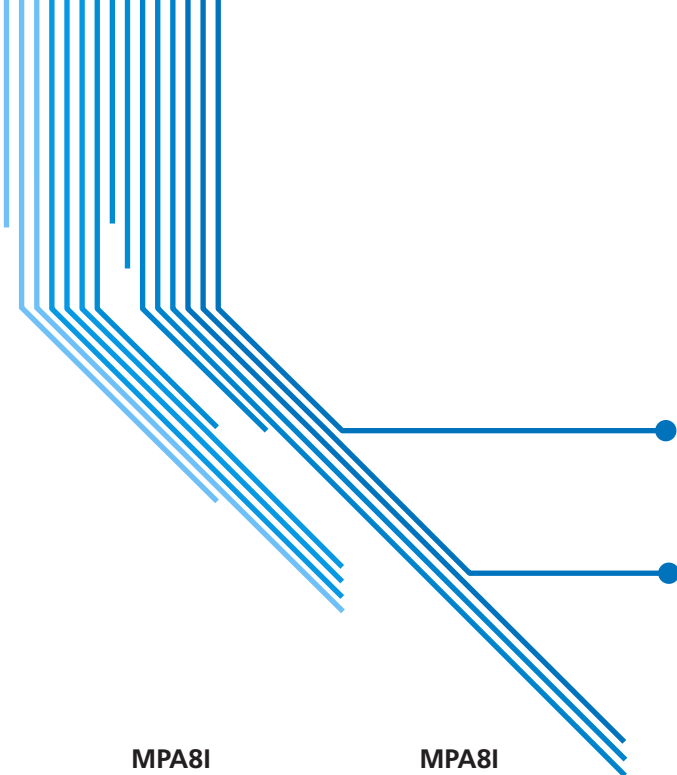
Output pins (connected to two MPA8Is)

Shown are the output pins of the adapter that are connected to the miniature preamplifiers MPA8I when looking directly at the pins.

The labeled channels are the ground channels (G), the reference channel (R), and the 8 recording channels (1 to 8) of each MPA8I. Please see the MPA8I manual for details.



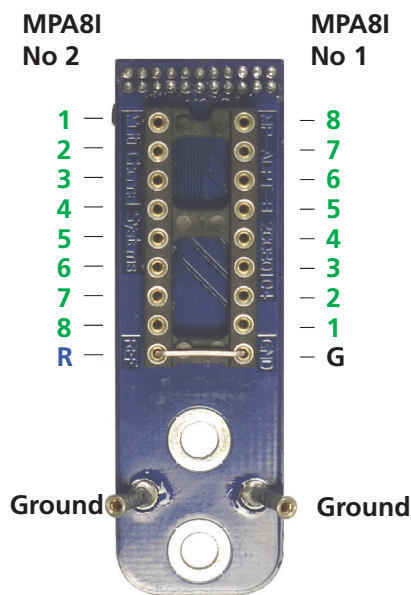
**Warning:** The device may only be used together with the MPA8I from Multi Channel Systems MCS GmbH and the 8-channel probe from NeuroNexus, and only for the specified purpose. Damage of the device and even fatal injuries can result from improper use.



## ADPT-NN-16

### Adapter for 16-Electrode NeuroNexus Probe and two MPA8I Amplifiers

Connecting the NeuroNexus Probe to the adapter ADPT-NN-16

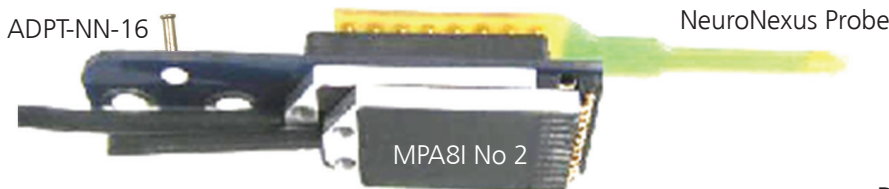


**Important:** Operation of the MPA8I is differential. The reference channel R has to be used for obtaining a proper signal. Please see the MPA8I manual for details.

#### Pin Layout

Shown are the input pins of the adapter that are connected to the probe. The labeled channels are the ground channel (G), the reference channel (R), and the 8 recording channels (1 to 8) of the MPA8I. Please see the MPA8I manual for details. If you use Multi Channel Experimenter or MC\_Rack for data acquisition, see Pin Layout above.

G and R have been connected together as factory-default settings. You can change this connection to meet your requirements.



**Important:**  
Black side of MPA8I faced down!

#### Pin Layout for Data Acquisition Software

MPA8I	Number of Channel
<b>No. 1</b> Pin 1 - 8	Channel 1 - 8
<b>No. 2</b> Pin 1 - 8	Channel 9 - 16