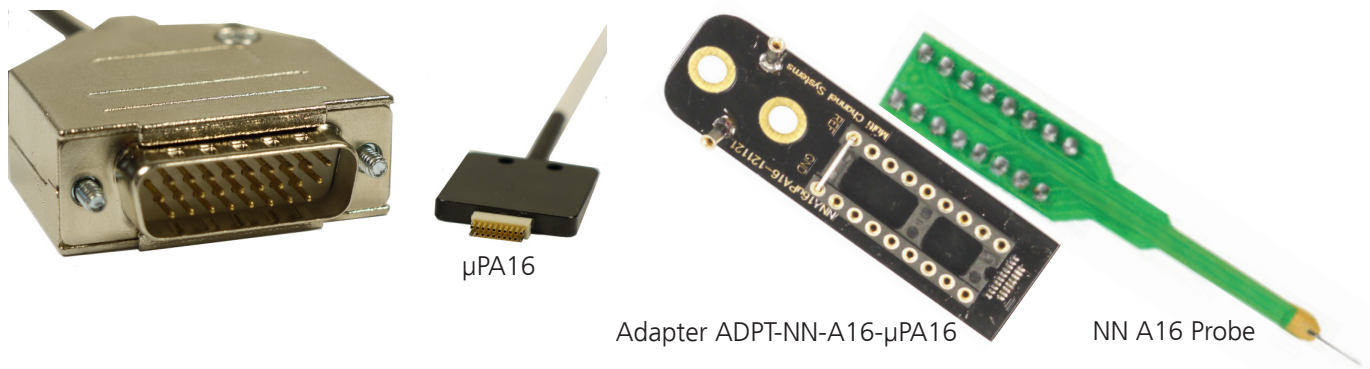


● **ADPT-NN-A16- μ PA16**

● **16-Electrode NeuroNexus Probe A16 Adapter for μ PA16 Micro Preamplifier**

Connecting the μ PA16 via Adapter ADPT-NN-A16- μ PA16 to the NeuroNexus Probe

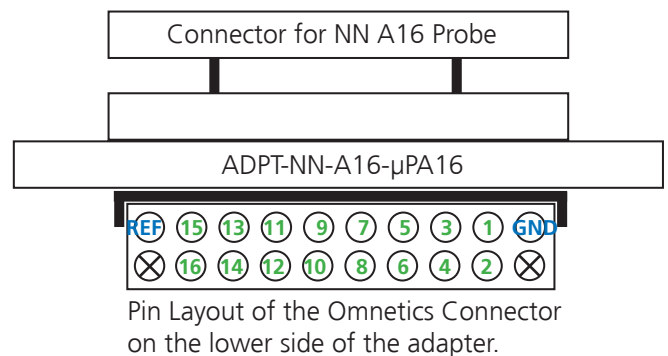


Important: Operation of the μ PA16 is differential. The reference channel REF has to be used for obtaining a proper signal. Please see the μ PA manual for details.

Channel Assignment

Output pins (connected to the μ PA16)

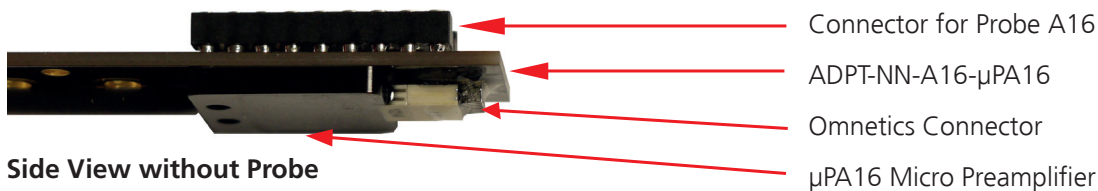
Shown are the output pins of the adapter ADPT-NN-A16- μ PA16 that are connected to the micro preamplifier μ PA16 when looking directly at the pins. The labeled channels are the ground channels (GND), the reference channel (REF), two guide posts and the 16 recording channels (1 to 16) of the μ PA16. Please see the μ PA manual for details.



Warning: The device may only be used together with the μ PA16 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-A16- μ PA16

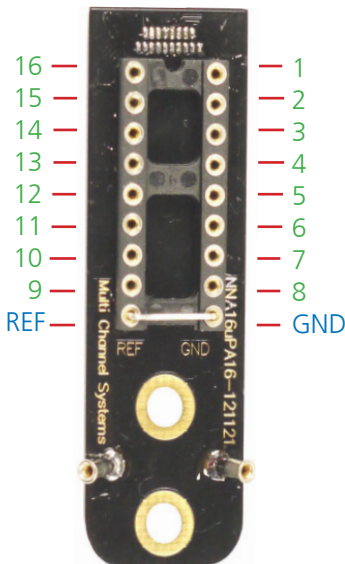
16-Electrode NeuroNexus Probe A16 Adapter for μ PA16 Micro Preamplifier



Adapter Setup

Please connect the μ PA16 to the Omnetics connector at the lower side of the ADPT-NN-A16- μ PA16 that the back side of the preamplifier, the one without housing is facing down. Because of the guide posts no other connection is possible.

Top View without Probe



NeuroNexus A16 Probe

Channel assignment of the ADPT-NN-A16- μ PA16:
Input pins connected to the NeuroNexus A16 probe

Probe A16	Software	Probe A16	Software
Pin 16	Channel 15	Pin 1	Channel 1
Pin 15	Channel 13	Pin 2	Channel 3
Pin 14	Channel 11	Pin 3	Channel 5
Pin 13	Channel 9	Pin 4	Channel 7
Pin 12	Channel 16	Pin 5	Channel 2
Pin 11	Channel 14	Pin 6	Channel 4
Pin 10	Channel 12	Pin 7	Channel 6
Pin 9	Channel 10	Pin 8	Channel 8
REF		GND	

Pin Layout

Shown are the input pins of the adapter that are connected to the A16 probe. The labeled channels are the ground channel (GND), the reference channel (REF), and the 16 recording channels 1 to 16 of the A16 probe. Please see the channel assignment for data acquisition above. Ground and Reference have been connected together as factory-default settings. You can change this connection to meet your requirements.