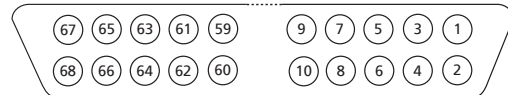


SD-MEA MEA Signal Divider

68-Pin MCS Standard Connector



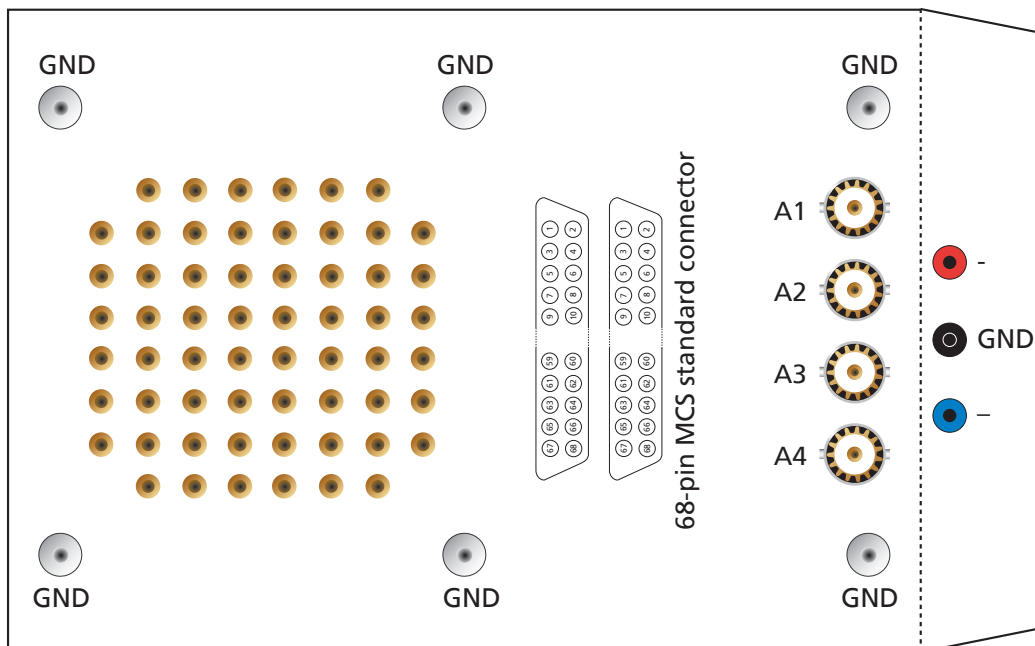
Pin 1	GNDP Power Ground
Pin 2	GND S Signal Ground
Pin 3 to Pin 62	Channels 1 to 60
Pin 63 to Pin 66	Channels A1 to A4
Pin 67	Positive voltage supply
Pin 68	Negative voltage supply

Use and Operation of the MEA Signal Divider

The MEA Signal Divider is used for picking single channels from the MEA amplifier. It is connected to the MEA1060 amplifier and to the MC_Card or to an USB-ME-System with 68-pin MCS high grade cables. The pin layout follows the MEA layout. It does not matter to which socket the input or the output is connected.

Four BNC connectors are available for connecting analog signal sources (A1 to A4).

The supply voltage inputs are not used for this device, but may be used for custom setups without IPS10W. An external power supply can be connected to the SD-MEA, which passes the power to other devices of the system, for example, to a MEA1060 amplifier. The input supply voltage can range from 6 V to 12 V.



Scope of delivery

MEA Signal Divider and 4 x 2 mm plug connectors
(for soldering your own laboratory cables)

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

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