

SC8x8

Signal Collector for eight
8-Channel Miniature Preamplifiers MPA8I
for Use with ME2100- or (USB-) ME-Systems

Use and Operation

The SC8x8 is a Signal Collector for up to eight 8-Channel Miniature-Preamplifiers MPA8I.

The 8 x 8 input channels (D-Sub 15 connector) are collected and can be connected to the following amplifier via 68-pin MCS high grade cable.

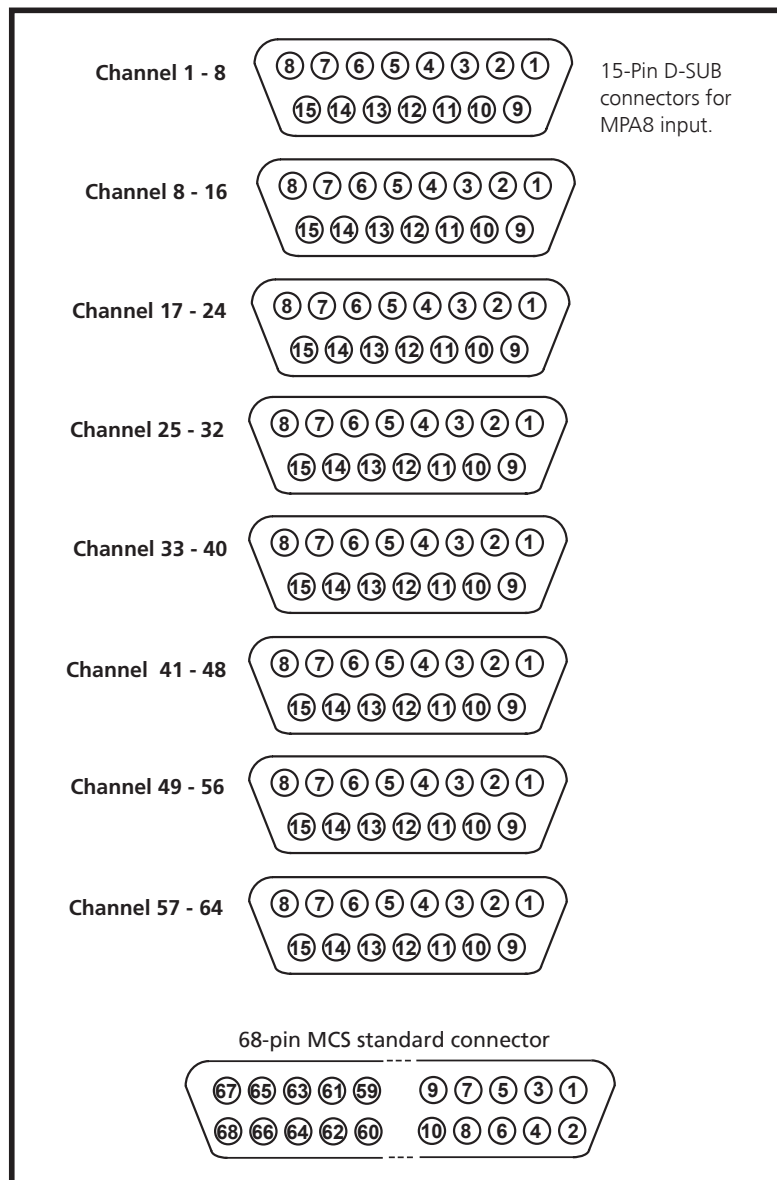
The SC8x8 includes a 0.08 Hz high pass filter for removing DC offsets.

Please use a terminal plug for closing unused inputs to prevent picking up noise.

Terminal plug for
15-Pin D-Sub connector



Channel Layout



SC8x8

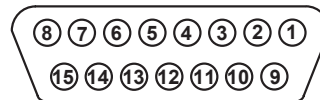
Pin Layout



Warning

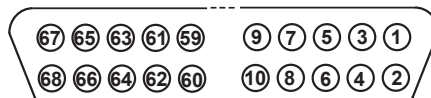
The device may only be used together with ME2100- or (USB-) ME-Systems from Multi Channel Systems MCS GmbH, and only for the specified purpose. Damage of the device and even fatal injuries can result from improper use.

Input: 15-Pin D-SUB Connector



Pin	Channel
Pin 1	Ground
Pin 9	Reference Input
Pin 2	Channel 1
Pin 10	Channel 2
Pin 3	Channel 3
Pin 11	Channel 4
Pin 4	Channel 5
Pin 12	Channel 6
Pin 5	Channel 7
Pin 13	Channel 8
Pin 6	Ground
Pin 14	Ground
Pin 7	Ground
Pin 15	Positive supply voltage
Pin 8	Negative supply voltage

Output: 68-Pin MCS Standard Connector



Pin	Channel
Pin 1	Ground
Pin 2	Reference Output
Pin 3 to 66	Channel 1 to 64
Pin 67	Positive supply voltage
Pin 68	Negative supply voltage