

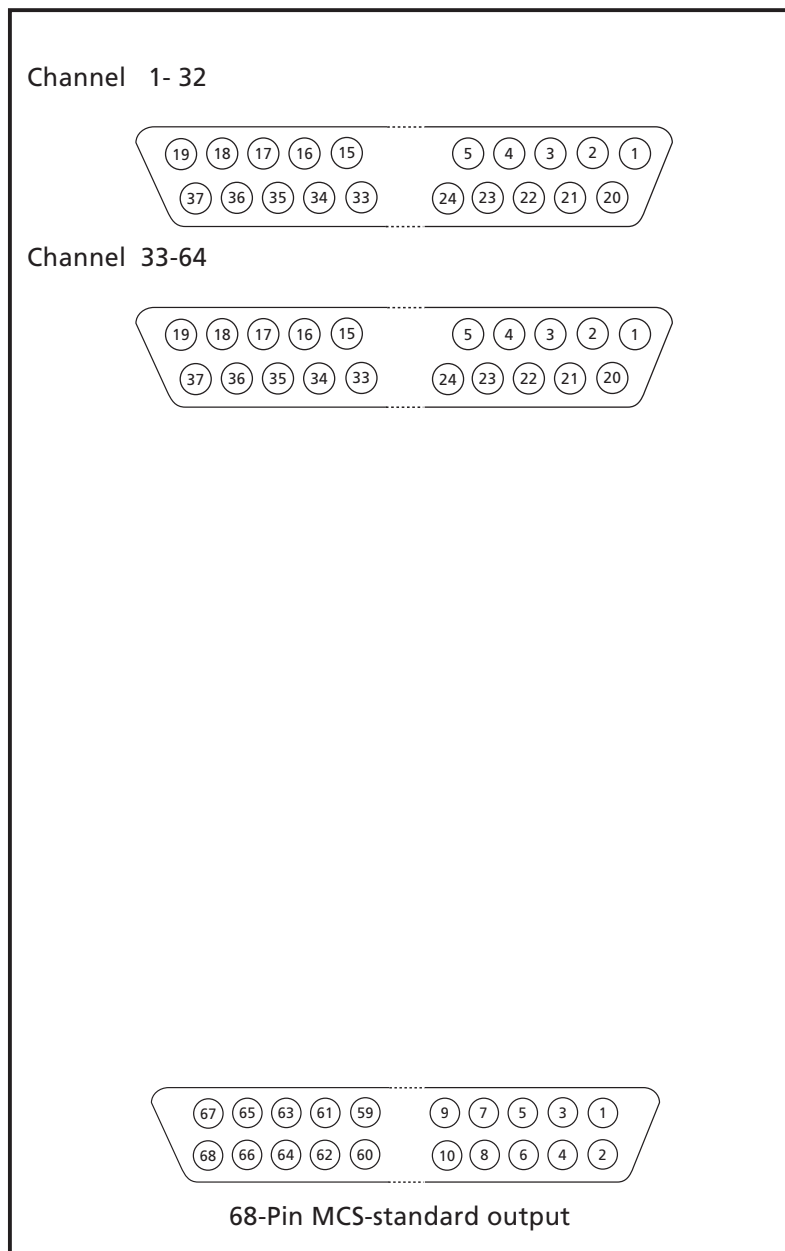
Use and Operation

The SC2x32 is a signal collector for up to 2 MPA32I preamplifiers, connected via 37-pin SubD connectors. The 2 x 32 input channels are collected and can be connected to the following amplifier via a 68-pin MCS High Grade cable. The SB2x32 includes a 0.08 Hz high pass filter for removing DC offsets. If only one MPA32I is connected, please connect a termination plug to the unused input to prevent it from picking up noise.

Warning: The device may only be used together with ME Systems and 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.

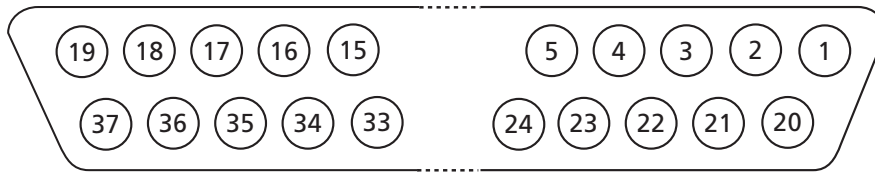


Channel Layout



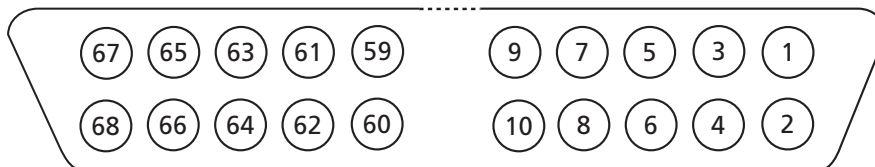
Pin Layout

Input 2 D-SUB 37 Connectors



Pin 1:	GNDP (power ground)	Pin 29:	Channel 18
Pin 20:	GNDS (signal ground)	Pin 11:	Channel 19
Pin 2:	Channel 1	Pin 30:	Channel 20
Pin 21:	Channel 2	Pin 12:	Channel 21
Pin 3:	Channel 3	Pin 31:	Channel 22
Pin 22:	Channel 4	Pin 13:	Channel 23
Pin 4:	Channel 5	Pin 32:	Channel 24
Pin 23:	Channel 6	Pin 14:	Channel 25
Pin 5:	Channel 7	Pin 33:	Channel 26
Pin 24:	Channel 8	Pin 15:	Channel 27
Pin 6:	Channel 9	Pin 34:	Channel 28
Pin 25:	Channel 10	Pin 16:	Channel 29
Pin 7:	Channel 11	Pin 35:	Channel 30
Pin 26:	Channel 12	Pin 17:	Channel 31
Pin 8:	Channel 13	Pin 36:	Channel 32
Pin 27:	Channel 14	Pin 18:	GNDP (power ground)
Pin 9:	Channel 15	Pin 37:	Positive supply voltage
Pin 28:	Channel 16	Pin 19:	Negative supply voltage
Pin 10:	Channel 17		

Output 68-Pin MCS-standard Connector



Pin 1:	GNDP (power ground)
Pin 2:	GNDS (signal ground)
Pin 3-66:	Channel 1-64
Pin 67:	Positive supply voltage
Pin 68:	Negative supply voltage