



SONIFEX

S2-M6SS, S2-MSB1
& S2-MSB3



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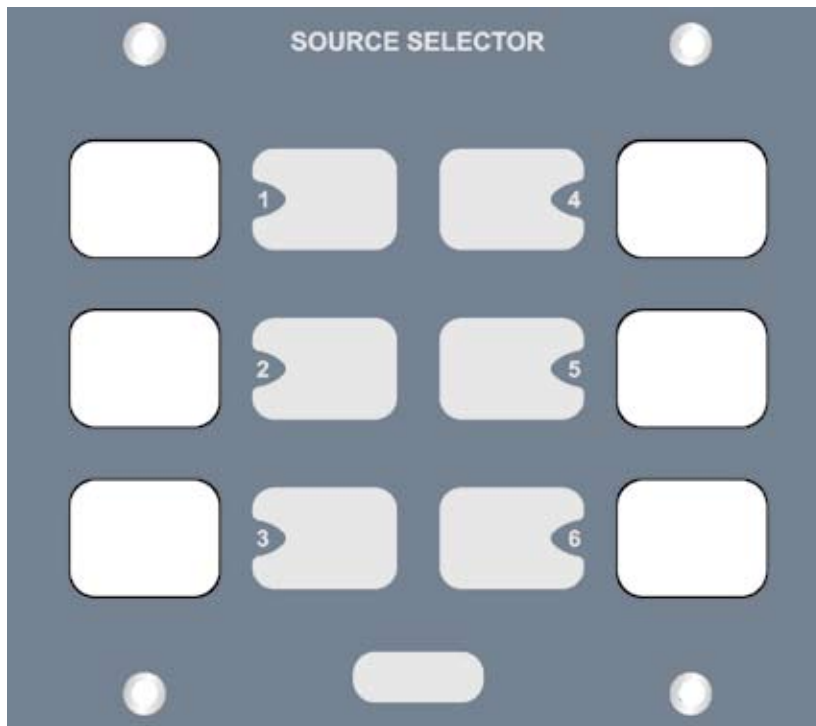
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S2 - Meterbridge Modules

S2-M6SS Meterbridge 6 Way Source Select Panel



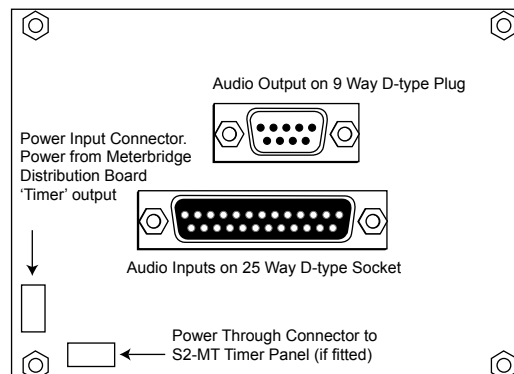
S2-M6SS Panel.

The meterbridge source selector panel produces a stereo analogue audio output from 6 selectable stereo analogue sources, which can be connected to a stereo input channel within the mixer or the EXT 1 and EXT 2 monitor inputs to provide up to 12 external monitor inputs. There are 6 illuminated panel push buttons, which select and indicate the current channel selection. The 6 stereo sources are connected on the rear of the panel via a 25 way D-Type female (socket) connector, which uses exactly the same pin configuration as the stereo audio source input connector on the S2-C6SS channel. The single stereo output is provided on a 9 way D-type male (plug) and the pin configurations are shown below.

Audio Input Connector - 25 pin D-type female (socket)

- Pin 1: Ground.
- Pin 2: Input 1 left phase.
- Pin 3: Input 1 right phase.
- Pin 4: Input 2 left phase.

- Pin 5: Input 2 right phase.
- Pin 6: Input 3 left phase.
- Pin 7: Input 3 right phase.
- Pin 8: Input 4 left phase.
- Pin 9: Input 4 right phase.
- Pin 10: Input 5 left phase.
- Pin 11: Input 5 right phase.
- Pin 12: Input 6 left phase.
- Pin 13: Input 6 right phase.



S2-M6SS Diagram.

- Pin 14: Input 1 left non-phase.
- Pin 15: Input 1 right non-phase.
- Pin 16: Input 2 left non-phase.
- Pin 17: Input 2 right non-phase.
- Pin 18: Input 3 left non-phase.
- Pin 19: Input 3 right non-phase.
- Pin 20: Input 4 left non-phase.
- Pin 21: Input 4 right non-phase.
- Pin 22: Input 5 left non-phase.
- Pin 23: Input 5 right non-phase.
- Pin 24: Input 6 left non-phase.
- Pin 25: Input 6 right non-phase.

Audio Output Connector (To Mixer) - 9 pin D-type male (plug)

- Pin 1: Screen.
- Pin 2: Out left phase.
- Pin 3: Out right phase.
- Pin 4: No connection.
- Pin 5: No connection.
- Pin 6: Out left non-phase.
- Pin 7: Out right non-phase.
- Pin 8: No connection.
- Pin 9: No connection.

Power Connectors

- Pin 1: +VD.
- Pin 2: Ground.
- Pin 3: +15V.
- Pin 4: -15V.

There are two power connectors on the board, a 'power input' and a 'power through' connector. The power input connector should be connected to the meterbridge distribution board power connector, or the 'power through' connector on another meterbridge panel. The 'power through' connector can be used to daisy chain power down the meterbridge housing, for example, to an S2-MT panel.



S2 - Meterbridge Modules

S2-MSB1 Meterbridge Switch Panel With 1 Button

This is a meterbridge panel, 1 channel wide, with 1 button which can be used for bespoke control of the S2, or for your own purposes, e.g. equipment control. Contact Sonifex with your particular mixer control requirements.

To make the switch illuminate either green, red or orange, set the jumper(s) next to the button to either GRN, RED or GRN & RED (for orange).

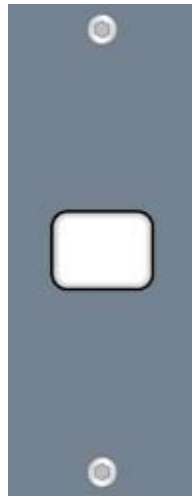


Fig 20-11a: S2-MSB1 S2 Meterbridge Switch Panel With 1 Button.

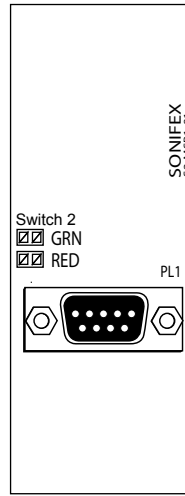


Fig 20-11b: S2-MSB1 Diagram.

S2-MSB3 Meterbridge Switch Panel With 3 Buttons

This is a meterbridge panel, 1 channel wide, with 3 push button switches which can be used for bespoke control of the S2 or ancillary devices.

To make the switches illuminate either green, red or orange, set the jumper(s) next to the button to either GRN, RED or GRN & RED (for orange).

The connector used for both the S2-MSB1 and S2-MSB3 is a 9 pin D-type female and the pin-out details are as follows:

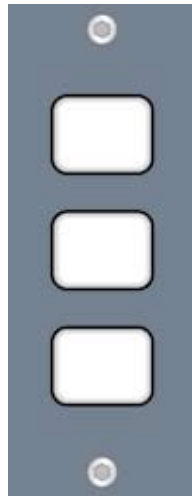


Fig 20-12a: S2-MSB3 S2 Meterbridge Switch Panel With 3 Buttons.

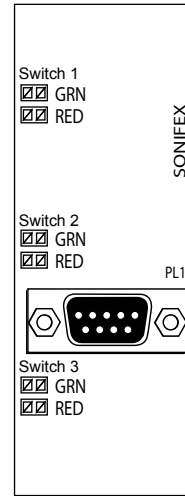


Fig 20-12b: S2-MSB3 Diagram.

	S2-MSB1	S2-MSB3
Female D-Type	Switch Panel Connection	Switch Panel Connection
Pin 1	N/C	Switch 1*
Pin 2	Switch 2	Switch 2*
Pin 3	N/C	Switch 3*
Pin 4	N/C	Switch 1 LED**
Pin 5	Switch 2 LED**	Switch 2 LED**
Pin 6	N/C	Switch 3 LED**
Pin 7	0V	0V
Pin 8	0V	0V
Pin 9	+12V LED Power Input	+12V LED Power Input

* Switch Output (connected to 0V on activation)

** Pull to 0V to activate

To power the switch button LEDs, a 12V power supply of at least 100mA must be used.

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