



SX-48

Pinout Diagrams for the DB-25 Connectors

Analog Output DB-25 :

1	CH1_HOT	24	_____
	CH1_COLD	12	_____
	CH1_GND	25	_____
2	CH2_HOT	10	_____
	CH2_COLD	23	_____
	CH2_GND	11	_____
3	CH3_HOT	21	_____
	CH3_COLD	9	_____
	CH3_GND	22	_____
4	CH4_HOT	7	_____
	CH4_COLD	20	_____
	CH4_GND	8	_____
5	CH5_HOT	18	_____
	CH5_COLD	6	_____
	CH5_GND	19	_____
6	CH6_HOT	4	_____
	CH6_COLD	17	_____
	CH6_GND	5	_____
7	CH7_HOT	15	_____
	CH7_COLD	3	_____
	CH7_GND	16	_____
8	CH8_HOT	1	_____
	CH8_COLD	14	_____
	CH8_GND	2	_____
	NC_1	13	_____■

Analog Input DB-25 :

1	CH1_HOT	24	
	CH1_COLD	12	
	CH1_GND	25	
2	CH2_HOT	10	
	CH2_COLD	23	
	CH2_GND	11	
3	CH3_HOT	21	
	CH3_COLD	9	
	CH3_GND	22	
4	CH4_HOT	7	
	CH4_COLD	20	
	CH4_GND	8	
5	CH5_HOT	18	
	CH5_COLD	6	
	CH5_GND	19	
6	CH6_HOT	4	
	CH6_COLD	17	
	CH6_GND	5	
7	CH7_HOT	15	
	CH7_COLD	3	
	CH7_GND	16	
8	CH8_HOT	1	
	CH8_COLD	14	
	CH8_GND	2	
	NC_1	13	■

AES/EBU DB-25 :

1-2 RCV	CH12_RCV_HOT	24	
	CH12_RCV_COLD	12	
	CH12_RCV_GND	25	
3-4 RCV	CH34_RCV_HOT	10	
	CH34_RCV_COLD	23	
	CH34_RCV_GND	11	
5-6 RCV	CH56_RCV_HOT	21	
	CH56_RCV_COLD	9	
	CH56_RCV_GND	22	
7-8 RCV	CH78_RCV_HOT	7	
	CH78_RCV_COLD	20	
	CH78_RCV_GND	8	
1-2 XMT	CH12_XMT_HOT	18	
	CH12_XMT_COLD	6	
	CH12_XMT_GND	19	
3-4 XMT	CH34_XMT_HOT	4	
	CH34_XMT_COLD	17	
	CH34_XMT_GND	5	
5-6 XMT	CH56_XMT_HOT	15	
	CH56_XMT_COLD	3	
	CH56_XMT_GND	16	
7-8 XMT	CH78_XMT_HOT	1	
	CH78_XMT_COLD	14	
	CH78_XMT_GND	2	
	NC_1	13	■

The **MADI** card is fitted with a 75 ohm BNC connector.

Coaxial cable should be 75 Ohm.

System Specifications

Analogue Inputs and Outputs:

Input impedance	>10k Ohms
Output impedance	<55 Ohms
Maximum input level	+24dBu
Maximum output level	+24dBu
Standard operating level adjustable from	+14dBu to +24 dBu
Input signal to noise	>113dB A-weighted (A/D conversion)
Output signal to noise	>113dB A-weighted (A/D conversion)
Through system signal to noise	>110dB A-weighted
Through system THD	<0.0008%
Bandwidth (.25dB)	20Hz to 20kHz

AES/EBU Inputs

Minimum differential	200mV
Input impedance	110 Ohms transformer isolated
Channel status	insensitive to channel status

AES/EBU Outputs

Output level	4V
Output impedance	110 Ohms transformer isolated
Channel status	professional, normal audio, source locked, sample frequency locked to project sample rate, stereophonic, 24-bit word length