

D-Sub DB-25 Pin Assignments

AES I/O

I/O Mode can be configured in the software to set the physical connectors between 8×8 I/O channels and 4×12 I/O channels.

Please note: AES3 is running digital audio in channel pairs (stereo) on one physical pin.

Pin (Female Connector)	I/O Mode: 8×8 I/O	I/O Mode: 4×12 I/O
1	Output Pair 4 +	Output Pair 4 +
2	Ground	Ground
3	Output Pair 3 -	Output Pair 3 -
4	Output Pair 2 +	Output Pair 2 +
5	Ground	Ground
6	Output Pair 1 +	Output Pair 1 +
7	Input Pair 4 +	Output Pair 6 +
8	Ground	Ground
9	Input Pair 3 -	Output Pair 5 -
10	Input Pair 2 +	Input Pair 2 +
11	Ground	Ground
12	Input Pair 1 -	Input Pair 1 -
13	Not Used	Not Used
14	Output Pair 4 -	Output Pair 4 -
15	Output Pair 3 +	Output Pair 3 +
16	Ground	Ground
17	Output Pair 2 -	Output Pair 2 -
18	Output Pair 1 +	Output Pair 1 +
19	Ground	Ground
20	Input Pair 4 -	Output Pair 6 -

21	Input Pair 3 +	Output Pair 5 +
22	Ground	Ground
23	Input Pair 2 -	Input Pair 2 -
24	Input Pair 1 +	Input Pair 1 +
25	Ground	Ground

Analog I/O

I/O Mode can be configured in the software to set the physical connectors between 8×8 I/O channels and 4×12 I/O channels. The outputs on the Analog I/O connectors thus are labeled to be the upper 4 of the total 12 outputs.

Pin (Female Connector)	Mode: 8×8 I/O	Mode: 4×12 I/O
1	Input 8 +	Output 12 +
2	Ground	Ground
3	Input 7 -	Output 11 -
4	Input 6 +	Output 10 +
5	Ground	Ground
6	Input 5 +	Output 9 +
7	Input 4 +	Input 4 +
8	Ground	Ground
9	Input 3 -	Input 3 -
10	Input 2 +	Input 2 +
11	Ground	Ground
12	Input 1 -	Input 1 -
13	Not Used	Not Used
14	Input 8 -	Output 12 -
15	Input 7 +	Output 11 +
16	Ground	Ground
17	Input 6 -	Output 10 -
18	Input 5 +	Output 9 +
19	Ground	Ground
20	Input 4 -	Input 4 -
21	Input 3 +	Input 3 +

22	Ground	Ground
23	Input 2 -	Input 2 -
24	Input 1 +	Input 1 +
25	Ground	Ground

Analog Outputs

Pin (Female Connector)	Function
1	Output 8 +
2	Ground
3	Output 7 -
4	Output 6 +
5	Ground
6	Output 5 -
7	Output 4 +
8	Ground
9	Output 3 -
10	Output 2 +
11	Ground
12	Output 1 -
13	Not Used
14	Output 8 -
15	Output 7 +
16	Ground
17	Output 6 -
18	Output 5 +
19	Ground
20	Output 4 -
21	Output 3 +
22	Ground
23	Output 2 -
24	Output 1 +
25	Ground

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