

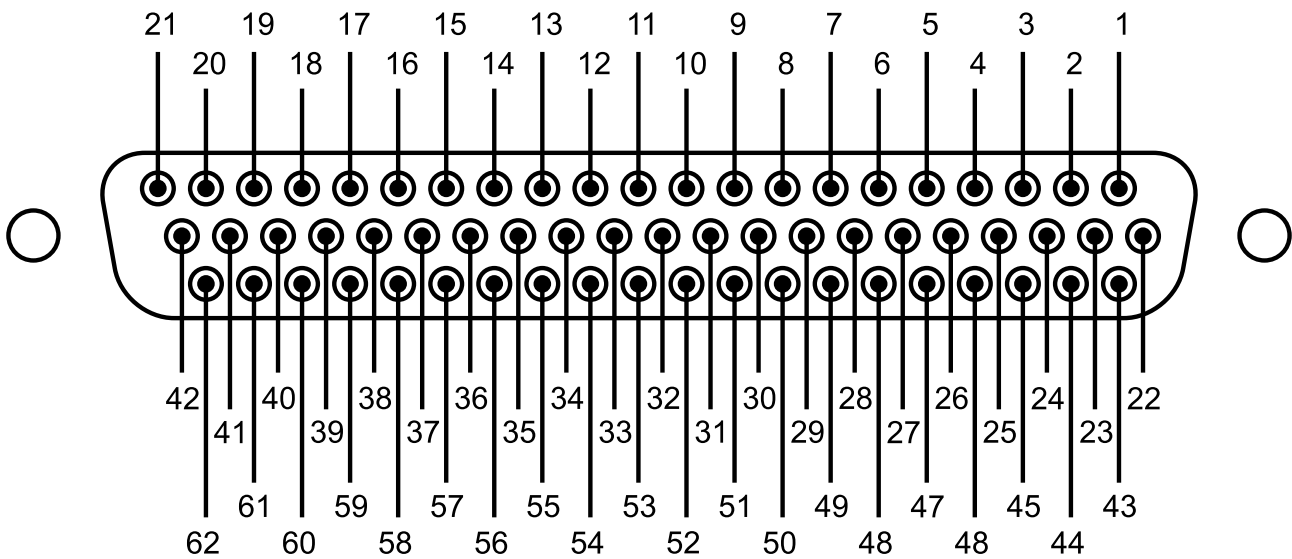
INSTRUCTION MANUAL

DB62 AUDIO I/O CONNECTOR

Pinout & Connector Schematics

SOUND The logo for SOUND4 features the word "SOUND" in a bold, black, sans-serif font. To its right is a red square containing a white, stylized number "4".

GENERAL PINOUT OF A DB62 AUDIO I/O CONNECTOR



DB62 Female

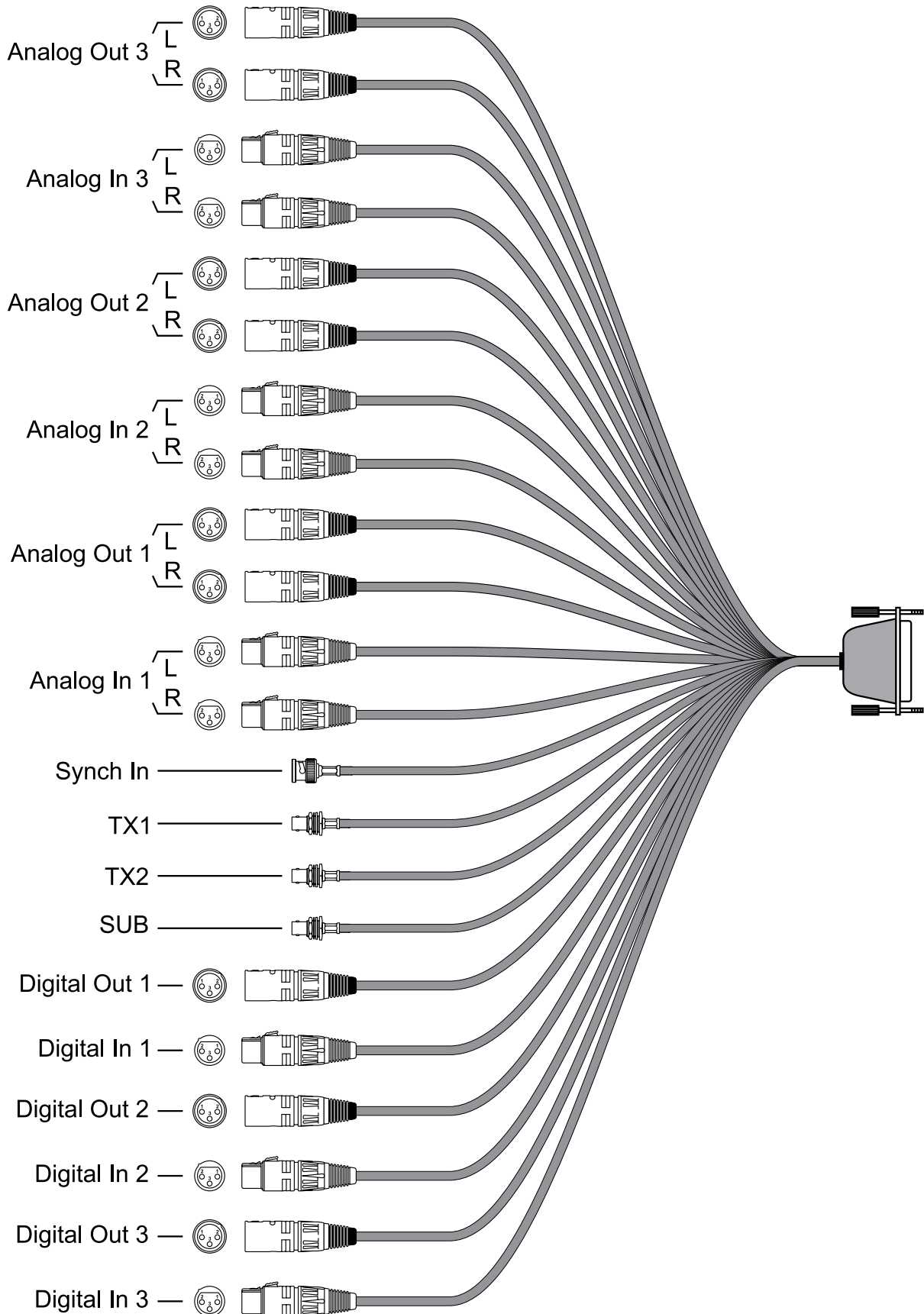
Pin	Function
1	Analog Audio Output 1 Right Neg
2	Analog Audio Output 1 Left Neg
3	Analog Audio Output 2 Right Neg
4	Analog Audio Output 2 Left Neg
5	Analog Audio Output 3 Right Neg
6	Analog Audio Output 3 Left Neg
7	Analog Audio Input 1 Right Neg
8	Analog Audio Input 1 Left Neg
9	Analog Audio Input 2 Right Neg
10	Analog Audio Input 2 Left Neg
11	Analog Audio Input 3 Right Neg
12	Analog Audio Input 3 Left Neg
13	MPX Output 2
14	SUB Input
15	Digital Audio Input 1 Neg
16	Digital Audio Input 2 Neg
17	Digital Audio Input 3 Neg
18	Digital Audio Output 1 Neg
19	Digital Audio Output 2 Neg
20	Digital Audio Output 3 Neg
21	Synchro Input
22-42	GND

Pin	Function
43	Analog Audio Output 1 Right Pos
44	Analog Audio Output 1 Left Pos
45	Analog Audio Output 2 Right Pos
46	Analog Audio Output 2 Left Pos
47	Analog Audio Output 3 Right Pos
48	Analog Audio Output 3 Left Pos
49	Analog Audio Input 1 Right Pos
50	Analog Audio Input 1 Left Pos
51	Analog Audio Input 2 Right Pos
52	Analog Audio Input 2 Left Pos
53	Analog Audio Input 3 Right Pos
54	Analog Audio Input 3 Left Pos
55	MPX Output 1
56	Not Used
57	Digital Audio Input 1 Pos
58	Digital Audio Input 2 Pos
59	Digital Audio Input 3 Pos
60	Digital Audio Output 1 Pos
61	Digital Audio Output 2 Pos
62	Digital Audio Output 3 Pos

SUBD HDM62H		Cable		Destination	
Pin	Code	Name	Wire	Type	Pin
1	CONAOUT1R-	Analog Output 1 R	B	XLR Male	3
2	CONAOUT1L-	Analog Output 1 L	B	XLR Male	3
3	CONAOUT2R-	Analog Output 2 R	B	XLR Male	3
4	CONAOUT2L-	Analog Output 2 L	B	XLR Male	3
5	CONAOUT3R-	Analog Output 3 R	B	XLR Male	3
6	CONAOUT3L-	Analog Output 3 L	B	XLR Male	3
7	CONAIN1R-	Analog Input 1 R	B	XLR Female	3
8	CONAIN1L-	Analog Input 1 L	B	XLR Female	3
9	CONAIN2R-	Analog Input 2 R	B	XLR Female	3
10	CONAIN2L-	Analog Input 2 L	B	XLR Female	3
11	CONAIN3R-	Analog Input 3 R	B	XLR Female	3
12	CONAIN3L-	Analog Input 3 L	B	XLR Female	3
13	CONTX2OUT	TX2	core	BNC Female	core
14	SUBINPUT	SUB	core	BNC Female	core
15	CONDIN1-	Digital In 1	B	XLR Female	3
16	CONDIN2-	Digital In 2	B	XLR Female	3
17	CONDIN3-	Digital In 3	B	XLR Female	3
18	CONDOUT1-	Digital Out 1	B	XLR Male	3
19	CONDOUT2-	Digital Out 2	B	XLR Male	3
20	CONDOUT3-	Digital Out 3	B	XLR Male	3
21	CONSYNCIN	Synch In	core	BNC Male	core
22-42	GND	(ALL)	shield	All XLR	1
				All BNC	shield
43	COUNOUT1R+	Analog Output 1 R	A	XLR Male	2
44	COUNOUT1L+	Analog Output 1 L	A	XLR Male	2
45	COUNOUT2R+	Analog Output 2 R	A	XLR Male	2
46	COUNOUT2L+	Analog Output 2 L	A	XLR Male	2
47	COUNOUT3R+	Analog Output 3 R	A	XLR Male	2
48	COUNOUT3L+	Analog Output 3 L	A	XLR Male	2
49	CONAIN1R+	Analog Input 1 R	A	XLR Female	2
50	CONAIN1L+	Analog Input 1 L	A	XLR Female	2
51	CONAIN2R+	Analog Input 2 R	A	XLR Female	2
52	CONAIN2L+	Analog Input 2 L	A	XLR Female	2
53	CONAIN3R+	Analog Input 3 R	A	XLR Female	2
54	CONAIN3L+	Analog Input 3 L	A	XLR Female	2
55	CONTX1OUT	TX1	core	BNC Female	core
56	Not Connected				
57	CONDIN1+	Digital In 1	A	XLR Female	2
58	CONDIN2+	Digital In 2	A	XLR Female	2
59	CONDIN3+	Digital In 3	A	XLR Female	2
60	CONDOUT1+	Digital Out 1	A	XLR Male	2
61	CONDOUT2+	Digital Out 2	A	XLR Male	2
62	CONDOUT3+	Digital Out 3	A	XLR Male	2

GENERAL CONNECTOR SCHEMATIC

This schema gives the complete pinout for all products but does not correspond to an existing cable



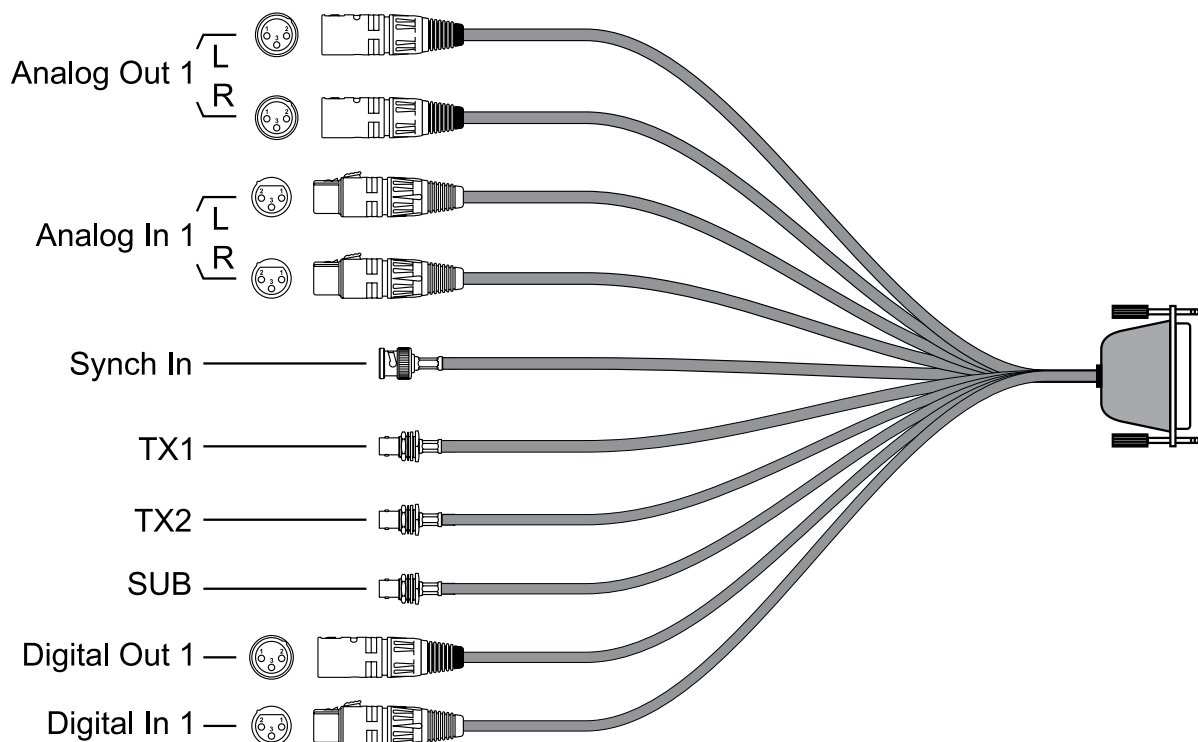
CONNECTORS AND CABLES NOTES

- Connector HDM62H male – metal case, with 4-40 short screws. Standard (not golded contact)
- XLR Connectors – metal case, eg DA1005 and DA1006 or similar
- Cables – black, length 30cm
- All Cables are identified with a sticker, see tables for individual models
- XLR Cables – (UL CM) AES-EBU 28 or 26 AWG, 2 twisted-Core Shielded Wire, impedance 110 Ω (eg Gepco DS601)
- BNC cables – Coaxial cable 75 Ω RG59/U
- XLR metal case IS NOT connected
- HDM62H metal case IS NOT connected

HD-FM CONNECTOR PINOUT

SUBD HDM62H		Cable		Destination	
Pin	Code	Name	Wire	Type	Pin
1	CONAOUT1R-	Analog Output 1 R	B	XLR Male	3
2	CONAOUT1L-	Analog Output 1 L	B	XLR Male	3
3	CONAOUT2R-	Not Connected			
4	CONAOUT2L-	Not Connected			
5	CONAOUT3R-	Not Connected			
6	CONAOUT3L-	Not Connected			
7	CONAIN1R-	Analog Input 1 R	B	XLR Female	3
8	CONAIN1L-	Analog Input 1 L	B	XLR Female	3
9	CONAIN2R-	Not Connected			
10	CONAIN2L-	Not Connected			
11	CONAIN3R-	Not Connected			
12	CONAIN3L-	Not Connected			
13	CONTX2OUT	TX2	core	BNC Female	core
14	SUBINPUT	SUB	core	BNC Female	core
15	CONDIN1-	Digital In 1	B	XLR Female	3
16	CONDIN2-	Not Connected			
17	CONDIN3-	Not Connected			
18	CONDOUT1-	Digital Out 1	B	XLR Male	3
19	CONDOUT2-	Not Connected			
20	CONDOUT3-	Not Connected			
21	CONSYNCIN	Synch In	core	BNC Male	core
22-42	GND	(ALL)	shield	All XLR	1
				All BNC	shield
43	COUNOUT1R+	Analog Output 1 R	A	XLR Male	2
44	COUNOUT1L+	Analog Output 1 L	A	XLR Male	2
45	COUNOUT2R+	Not Connected			
46	COUNOUT2L+	Not Connected			
47	COUNOUT3R+	Not Connected			
48	COUNOUT3L+	Not Connected			
49	CONAIN1R+	Analog Input 1 R	A	XLR Female	2
50	CONAIN1L+	Analog Input 1 L	A	XLR Female	2
51	CONAIN2R+	Not Connected			
52	CONAIN2L+	Not Connected			
53	CONAIN3R+	Not Connected			
54	CONAIN3L+	Not Connected			
55	CONTX1OUT	TX1	core	BNC Female	core
56	Not Connected				
57	CONDIN1+	Digital In 1	A	XLR Female	2
58	CONDIN2+	Not Connected			
59	CONDIN3+	Not Connected			
60	CONDOUT1+	Digital Out 1	A	XLR Male	2
61	CONDOUT2+	Not Connected			
62	CONDOUT3+	Not Connected			

HD-FM CONNECTOR SCHEMATIC



VOICE AD CONNECTOR PINOUT

SUBD HDM62H		Cable		Destination	
Pin	Code	Name	Wire	Type	Pin
1	CONAOUT1R-	Analog Output 1 R	B	XLR Male	3
2	CONAOUT1L-	Analog Output 1 L	B	XLR Male	3
3	CONAOUT2R-	Not Connected			
4	CONAOUT2L-	Not Connected			
5	CONAOUT3R-	Not Connected			
6	CONAOUT3L-	Not Connected			
7	CONAIN1R-	Analog Input 1 R	B	XLR Female	3
8	CONAIN1L-	Analog Input 1 L	B	XLR Female	3
9	CONAIN2R-	Not Connected			
10	CONAIN2L-	Not Connected			
11	CONAIN3R-	Not Connected			
12	CONAIN3L-	Not Connected			
13	CONTX2OUT	TX2	core	BNC Female	core
14	SUBINPUT	SUB	core	BNC Female	core
15	CONDIN1-	Digital In 1	B	XLR Female	3
16	CONDIN2-	Not Connected			
17	CONDIN3-	Not Connected			
18	CONDOUT1-	Digital Out 1	B	XLR Male	3
19	CONDOUT2-	Not Connected			
20	CONDOUT3-	Not Connected			
21	CONSYNCIN	Synch In	core	BNC Male	core
22-42	GND	(ALL)	shield	All XLR	1
				All BNC	shield
43	COUNOUT1R+	Analog Output 1 R	A	XLR Male	2
44	COUNOUT1L+	Analog Output 1 L	A	XLR Male	2
45	COUNOUT2R+	Not Connected			
46	COUNOUT2L+	Not Connected			
47	COUNOUT3R+	Not Connected			
48	COUNOUT3L+	Not Connected			
49	CONAIN1R+	Analog Input 1 R	A	XLR Female	2
50	CONAIN1L+	Analog Input 1 L	A	XLR Female	2
51	CONAIN2R+	Not Connected			
52	CONAIN2L+	Not Connected			
53	CONAIN3R+	Not Connected			
54	CONAIN3L+	Not Connected			
55	CONTX1OUT	TX1	core	BNC Female	core
56	Not Connected				
57	CONDIN1+	Digital In 1	A	XLR Female	2
58	CONDIN2+	Not Connected			
59	CONDIN3+	Not Connected			
60	CONDOUT1+	Digital Out 1	A	XLR Male	2
61	CONDOUT2+	Not Connected			
62	CONDOUT3+	Not Connected			

VOICE AD CONNECTOR SCHEMATIC

