

1 DESCRIPTION

CBL4104 is used for AES/EBU and GPIO connections on the AudioScience ASI67xx and ASI57xx series of cards. It has 3 connectors. One VHDCI connector that plugs into the lower VHDCI connector on the card. On the other end of the cable there is one Centronics connector that can be plugged in to a CBL1144 to provide XLR connectors for the AES/EBU audio inputs and outputs. There is also a second Centronics connector on this end of the cable for GPIO connections.

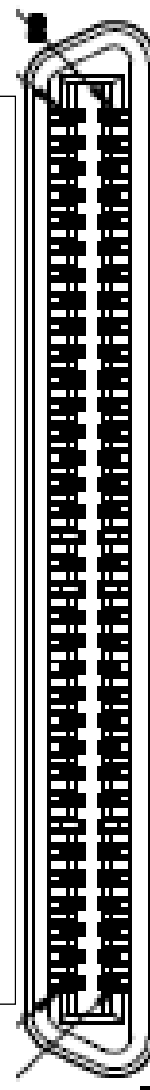
2 PINOUTS

2.1 50pin Centronics audio - female

SYNC-	1	26	SYNC+
AESIn1-	2	27	AESIn1+
AESIn2-	3	28	AESIn2+
AESIn3-	4	29	AESIn3+
AESIn4-	5	30	AESIn4+
GND	6	31	GND
AESOut1-	7	32	AESOut1+
AESOut2-	8	33	AESOut2+
AESOut3-	9	34	AESOut3+
AESOut4-	10	35	AESOut4+
GND	11	36	GND
AESOut5-	12	37	AESOut5+
AESOut6-	13	38	AESOut6+
AESOut7-	14	39	AESOut7+
AESOut8-	15	40	AESOut8+
GND	16	41	GND
AESIn5-	17	42	AESIn5+
AESIn6-	18	43	AESIn6+
AESIn7-	19	44	AESIn7+
AESIn8-	20	45	AESIn8+
	21	46	
	22	47	
	23	48	
WORDI	24	49	WORDO
GND	25	50	GND

2.2 68pin VHDCI - male

Relay 4B	68
Relay 3B	67
Relay 2B	66
Relay 1B	65
+3.3V	64
Opto 16	63
Opto 14	62
Opto 12	61
Opto 10	60
Opto 8	59
Opto 6	58
Opto 4	57
Opto 2	56
GND	55
AES3 Out 8-	54
AES3 Out 7-	53
AES3 Out 6-	52
AES3 Out 5-	51
AES3 Out 4-	50
AES3 Out 3-	49
AES3 Out 2-	48
AES3 Out 1-	47
GND	46
AES3 In 8-	45
AES3 In 7-	44
AES3 In 6-	43
AES3 In 5-	42
AES3 In 4-	41
AES3 In 3-	40
AES3 In 2-	39
AES3 In 1-	38
AES3 Sync In-	37
GND	36
GND	35



34	Relay 4A
33	Relay 3A
32	Relay 2A
31	Relay 1A
30	VOPT
29	Opto 15
28	Opto 13
27	Opto 11
26	Opto 9
25	Opto 7
24	Opto 5
23	Opto 3
22	Opto 1
21	GND
20	AES3 Out 8+
19	AES3 Out 7+
18	AES3 Out 6+
17	AES3 Out 5+
16	AES3 Out 4+
15	AES3 Out 3+
14	AES3 Out 2+
13	AES3 Out 1+
12	GND
11	AES3 In 8+
10	AES3 In 7+
9	AES3 In 6+
8	AES3 In 5+
7	AES3 In 4+
6	AES3 In 3+
5	AES3 In 2+
4	AES3 In 1+
3	AES3 Sync In+
2	Word Out
1	Word In

2.3 50pin Centronics GPIO - female

RLY1A	1	26	RLY1B
RLY2A	2	27	RLY2B
RLY3A	3	28	RLY3B
RLY4A	4	29	RLY4B
	5	30	
	6	31	
	7	32	
	8	33	
Opto2	9	34	Opto1
Opto4	10	35	Opto3
Opto6	11	36	Opto5
Opto8	12	37	Opto7
Opto10	13	38	Opto9
Opto12	14	39	Opto11
Opto14	15	40	Opto13
Opto16	16	41	Opto15
	17	42	
	18	43	
	19	44	
	20	45	
	21	46	
	22	47	
	23	48	
	24	49	+3V3
GND	25	50	Vopt