

Cable No	Cable Type	Length	Colours	From				To				Additional Information	Circuit
				Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins		
				1 . 18	J32	CONSOLE	HN5637					Relay card 1	5v / 5v
				34 . 2	50 way D (M)	"	"					"	OPTO 1 IN
				19 . 35	"	"	"					"	OPTO 2 IN
				3 . 20	"	"	"					"	OPTO 3 IN
				36 . 4	"	"	"					"	OPTO 4 IN
				21 . 37	"	"	"					"	OPTO 5 IN
				5 . 22	"	"	"					"	OPTO 6 IN
				38 . 6	"	"	"					"	OPTO 7 IN
				23 . 39	"	"	"					"	OPTO 8 IN
				7 . 24	"	"	"					"	0v / 0v
				40 . 8	"	"	"					"	5v / 5v
				25 . 41	"	"	"					"	OPTO 1 OUT
				9 . 26	"	"	"					"	OPTO 2 OUT
				42 . 10	"	"	"					"	OPTO 3 OUT
				27 . 43	"	"	"					"	OPTO 4 OUT
				11 . 28	"	"	"					"	0v / 0v
				44 . 12	"	"	"					"	5v / 5v
				29 . 45	"	"	"					"	DRIVER OUT 1/2
				13 . 30	"	"	"					"	DRIVER OUT 3/4
				46 . 14	"	"	"					"	DRIVER OUT 5/6
				31 . 47	"	"	"					"	DRIVER OUT 7/8
				15 . 32	"	"	"					"	DRIVER OUT 9/10
				33 . 49	"	"	"					"	0v / 0v
				17 . 50	"	"	"					"	Chassis
Opto inputs are isolated and can be activated from either DC 5-24v and are not polarity sensitive or AC 5-50v peak, 50-60 Hz.													
5 and 0 volts are provided on the connector also to allow for closed loop operation etc..													
Output drivers are rated at 30v/50mA max.													
													Connector Type:
													50 way Male
													REMOTE OPTO/RELAYS #1

Omega Console Connections

Written by : R.M.Smith
Date : 08/02/02
Issue :1

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Cable No	Cable Type	Length	Colours	From				To				Additional Information	Circuit
				Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins		
				1 . 18	J46	CONSOLE	HN5637					Relay card 2	5v / 5v
				34 . 2	50 way D (M)	"	"					"	OPTO 1 IN
				19 . 35	"	"	"					"	OPTO 2 IN
				3 . 20	"	"	"					"	OPTO 3 IN
				36 . 4	"	"	"					"	OPTO 4 IN
				21 . 37	"	"	"					"	OPTO 5 IN
				5 . 22	"	"	"					"	OPTO 6 IN
				38 . 6	"	"	"					"	OPTO 7 IN
				23 . 39	"	"	"					"	OPTO 8 IN
				7 . 24	"	"	"					"	0v / 0v
				40 . 8	"	"	"					"	5v / 5v
				25 . 41	"	"	"					"	OPTO 1 OUT
				9 . 26	"	"	"					"	OPTO 2 OUT
				42 . 10	"	"	"					"	OPTO 3 OUT
				27 . 43	"	"	"					"	OPTO 4 OUT
				11 . 28	"	"	"					"	0v / 0v
				44 . 12	"	"	"					"	5v / 5v
				29 . 45	"	"	"					"	DRIVER OUT 1/2
				13 . 30	"	"	"					"	DRIVER OUT 3/4
				46 . 14	"	"	"					"	DRIVER OUT 5/6
				31 . 47	"	"	"					"	DRIVER OUT 7/8
				15 . 32	"	"	"					"	DRIVER OUT 9/10
				33 . 49	"	"	"					"	0v / 0v
				17 . 50	"	"	"					"	Chassis
Opto inputs are isolated and can be activated from either DC 5-24v and are not polarity sensitive or AC 5-50v peak, 50-60 Hz.													
5 and 0 volts are provided on the connector also to allow for closed loop operation etc..													
Output drivers are rated at 30v/50mA max.													
													Connector Type:
													50 way Male
													REMOTE OPTO/RELAYS #4

Cable No	Cable Type	Length	Colours	From				To				Additional Information	Circuit
				Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins		
				1 . 2	Remote	Console							Analogue Input 1L
				18	50 WAY D	"							Screen
				34 . 35	"	"							Analogue Input 1R
				3 . 19	"	"							AES Input (Bal)
				36 . 20	"	"							
				4 . 5	"	"							Analogue Input 2L
				21	"	"							Screen
				37 . 38	"	"							Analogue Input 2R
				22 . 6	"	"							AES Input (Bal)
				39 . 23	"	"							
				7 . 8	"	"							Analogue Input 3L
				24	"	"							Screen
				40 . 41	"	"							Analogue Input 3R
				25 . 9	"	"							AES Input (Bal)
				42 . 26	"	"							
				10 . 11	"	"							Analogue Input 4L
				27	"	"							Screen
				43 . 44	"	"							Analogue Input 4R
				28 . 12	"	"							AES Input (Bal)
				45 . 29	"	"							
					"	"							
				13 . 14	"	"							
				30	"	"							
				46 . 47	"	"							
				31 . 15	"	"							AES/EBU output
					"	"							
				16 . 17	"	"							RS232 T/R
				33	"	"							Screen
				49 . 50	"	"							AES Sync.
													Connector Type:
													50 way D Type
													DK meter

Calrec Audio Ltd, Nutclough Mill, Hebden Bridge,
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[illegible]

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Omega Rack DC Connections

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