Cable No	Cable	Length	Colours	From					To	1		Additional	Circuit
	Туре			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1.18	J32	CONSOLE	HN5637					Relay card 1	5v / 5v
				34 . 2	50 way D (M)	"	п					II .	OPTO 1 IN
				19.35	"	"	n .					"	OPTO 2 IN
				3.20	"	"	II .					II .	OPTO 3 IN
				36 . 4	"	"	п					II .	OPTO 4 IN
				21 . 37	"	"	II .					· ·	OPTO 5 IN
				5.22	"	"	II .					II .	OPTO 6 IN
				38 . 6	"	"	II .					II .	OPTO 7 IN
				23 . 39	"	"	п					II .	OPTO 8 IN
				7 . 24	"	"	II .					· ·	0v / 0v
				40 . 8	"	"	II .					II .	5v / 5v
				25 . 41	"	"	п					II .	OPTO 1 OUT
				9.26	"	"	n .					"	OPTO 2 OUT
				42 . 10	"	"	n .					"	OPTO 3 OUT
				27 . 43	"	"	n .					"	OPTO 4 OUT
				11 . 28	"	"	n .					"	0v / 0v
				44 . 12	"	"	n .					"	5v / 5v
				29 . 45	"	"	n .					"	DRIVER OUT 1/2
				13 . 30	"	"	n .					"	DRIVER OUT 3/4
				46 . 14	"	"	n .					"	DRIVER OUT 5/6
				31 . 47	"	"	n .					"	DRIVER OUT 7/8
				15 . 32	"	"	n .					"	DRIVER OUT 9/10
				33 . 49	"	"	n .					"	0v / 0v
				17 . 50	· ·	"	"					· ·	Chassis
					rom either DC			nsitive or A	C 5-50v peak,	50-60 Hz.			
					so to allow for o	closed loop or	peration etc						
utput dri	vers are	rated at	30v/50mA	max.									
													Connector Type:
													50 way Male
													REMOTE OPTO/RELAYS #

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Date: 08/02/02

Cable No	Cable	Length	Colours			From			То			Additional	Circuit
	Туре			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1 . 18	J44	CONSOLE	HN5637					Relay card 1	5v / 5v
				34 . 2	50 way D (M)	"	"					"	OPTO 1 IN
				19 . 35	"	"	"					"	OPTO 2 IN
				3 . 20	"	"	ıı .					"	OPTO 3 IN
				36 . 4	"	"	ıı .					"	OPTO 4 IN
				21 . 37	"	"	"					"	OPTO 5 IN
				5 . 22	"	"	"					"	OPTO 6 IN
				38 . 6	"	"	ıı .					"	OPTO 7 IN
				23 . 39	"	"	"					"	OPTO 8 IN
<del>.</del>				7 . 24	"	"	ıı					"	0v / 0v
				40 . 8	"	"	II .					· ·	5v / 5v
				25 . 41	"	"	ıı .					"	OPTO 1 OUT
				9.26	"	"	ıı .					"	OPTO 2 OUT
				42 . 10	"	"	ıı					"	OPTO 3 OUT
				27 . 43	"	"	ıı .					"	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 input	s are iso	olated an	d can be a	ctivated f	rom either DC	5-24v and are	not polarity ser	nsitive or A	C 5-50v peak,	50-60 Hz.			
					so to allow for o								
Output driv	vers are	rated at	30v/50mA	max.									
								-					
								-					
													Connector Type:
													50 way Male
													REMOTE OPTO/RELAYS #2

Written by : R.M.Smith

Cable No	Cable	Length	Colours			From			То	ı		Additional	Circuit
	Туре			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1 . 18	J45	CONSOLE	HN5637					Relay card 2	5v / 5v
				34 . 2	50 way D (M)	"	11					"	OPTO 1 IN
				19 . 35	"	"	"					"	OPTO 2 IN
				3 . 20	"	"	"					"	OPTO 3 IN
				36 . 4		"	"					"	OPTO 4 IN
				21 . 37	"	"	n .					"	OPTO 5 IN
				5 . 22	"	"	"					"	OPTO 6 IN
				38 . 6		"	"					"	OPTO 7 IN
				23 . 39		"	"					"	OPTO 8 IN
				7 . 24		"	"					"	0v / 0v
				40 . 8	"	"	n .					"	5v / 5v
				25 . 41		"	"					"	OPTO 1 OUT
				9.26		"	"					"	OPTO 2 OUT
				42 . 10	"	"	"					"	OPTO 3 OUT
				27 . 43	"	"	"					"	OPTO 4 OUT
				11 . 28	"	"	n .					"	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	"	"	II					"	Chassis
Opto input	s are is	l olated an	d can be a	ctivated f	from either DC	5-24v and are	not polarity se	nsitive or A	⊥ C 5-50v peak,	50-60 Hz.			
5 and 0 vol	ts are p	rovided	on the con	nector als	so to allow for o	closed loop o	peration etc						
Output driv	ers are	rated at	30v/50mA	max.									
													Connector Type:
													50 way Male  REMOTE OPTO/RELAYS #3

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Date: 08/02/02

Cable No	Cable	Length	Colours			From			То			Additional	Circuit
	Туре			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1 . 18	J46	CONSOLE	HN5637					Relay card 2	5v / 5v
				34 . 2	50 way D (M)	"	"					"	OPTO 1 IN
				19 . 35	"	"	ıı .					"	OPTO 2 IN
				3 . 20	"	"	ıı .					"	OPTO 3 IN
				36 . 4	"	"	ıı .					"	OPTO 4 IN
				21 . 37	"	"	ıı .					"	OPTO 5 IN
				5 . 22	"	"	II .					· ·	OPTO 6 IN
				38 . 6	"	"	II .					"	OPTO 7 IN
				23 . 39	"	"	II .					"	OPTO 8 IN
				7 . 24	"	"	II .					"	0v / 0v
				40 . 8	"	n n	II .					· ·	5v / 5v
				25 . 41	"	"	II .					"	OPTO 1 OUT
				9.26	"	"	II .					"	OPTO 2 OUT
				42 . 10	"	"	II .					"	OPTO 3 OUT
				27 . 43	"	"	II .					"	OPTO 4 OUT
				11 . 28	"	"	II .					"	0v / 0v
				44 . 12	"	"	II .					· ·	5v / 5v
				29 . 45	"	"	ıı .					"	DRIVER OUT 1/2
				13 . 30	"	"	II .					"	DRIVER OUT 3/4
				46 . 14	"	"	ıı .					"	DRIVER OUT 5/6
				31 . 47	"	"	II .					· ·	DRIVER OUT 7/8
				15 . 32	"	"	II .					"	DRIVER OUT 9/10
				33 . 49	"	"	ıı .					"	0v / 0v
				17 . 50	"	"	"					"	Chassis
Opto input	s are is	olated an	d can be a	ctivated f	rom either DC	5-24v and are	not polarity ser	nsitive or A	C 5-50v peak,	50-60 Hz.			
					so to allow for o								
Output driv	vers are	rated at	30v/50mA	max.									
								-					
								-					
													Connector Type:
													50 way Male
													REMOTE OPTO/RELAYS #4

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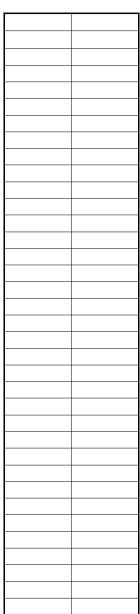
Cable No	Cable	Length	Colours			From			To			Additional	Circuit
	Type			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1.2	Remote	Console							Analogue Input 1L
				18	50 WAY D	"							Screen
				34 . 35	"	"							Analogue Input 1R
				3 . 19	"	"							AES Input (Bal)
				36 . 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
/witton by													DK meter

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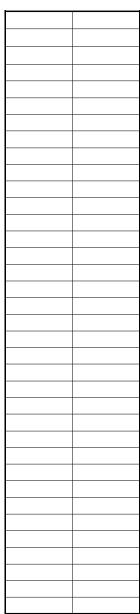
Omega Console Connections

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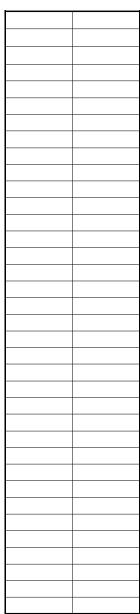
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Omega Console Connections



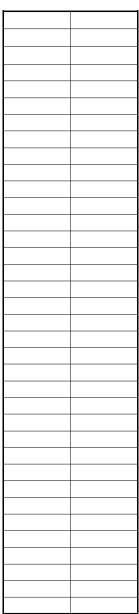
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Omega Console Connections



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Omega Console Connections



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Omega Console Connections



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# Omega Rack DC Connections

Cable No	Cable	Length	Colours			From			To	ı		Additional	Circuit
	Type			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1.20	J35	DC Monitor	ZH5527						Relay 1 Nc (+/-)
				2.21	37 way D (M)	Rack	"						Relay 1 No (+/-)
				3 . 22	"	"	n						Relay 2 Nc (+/-)
				4 . 23	"	"	"						Relay 2 No (+/-)
				5 . 24	"	"	"						Relay 3 Nc (+/-)
				6 . 25	"	"	"						Relay 3 No (+/-)
				7 . 26	"	"	"						Relay 4 Nc (+/-)
				8.27	"	"	"						Relay 4 No (+/-)
				9 . 28	"	"	"						Relay 5 Nc (+/-)
				10 . 29	"	"	n						Relay 5 No (+/-)
				11 . 30		"	"						Relay 6 Nc (+/-)
				12 . 31	"	"	"						Relay 6 No (+/-)
				13 . 32	"	"	"						Relay 7 Nc (+/-)
				14 . 33		"	"						Relay 7 No (+/-)
				15 . 34		"	"						Relay 8 Nc (+/-)
				16 . 35	"	"	"						Relay 8 No (+/-)
				17 . 36	"	"	"						Chassis
				18 . 37		"	"						Chassis
													Connector Type:
													37 way D Male
													REMOTE RELAYS #1

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Date: 08/02/02

# Omega Rack DC Connections

Cable No	Cable	Length	Colours			From			То	ı		Additional	Circuit
	Туре			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1. 14	J34	DC Monitor	ZH5527						Relay 1 Com (+/-)
				2.15	25 way D (M)	Rack	"						Relay 2 Com (+/-)
				3.16	"	"	"						Relay 3 Com (+/-)
				4 . 17	"	"	"						Relay 4 Com (+/-)
				5 . 18	"	"	"						Relay 5 Com (+/-)
				6.19	"	"	"						Relay 6 Com (+/-)
				7.20	"	"	"						Relay 7 Com (+/-)
				8.21	"	"	"						Relay 8 Com (+/-)
				9.22	"	"	"						Chassis
- 				10 . 23	"	"	"						Chassis
ĺ													
													Connector Type:
													25 way Male
	1												REMOTE RELAYS #2

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Date: 08/02/02

# Omega Rack DC Connections

Cable No	Cable	Length	ngth Colours			From			То			Additional	Circuit
	Type			Pins	Conn	Area	Apparatus	Area	Apparatus	Connector	Pins	Information	
				1.2	J26	DC Monitor	ZH5527						T/B Mic O/P (AES or Analogue)
				3	9 way D (F)	Rack	"						Chassis
				4.5	"	"	"						Headphone AES I/P
				6	"	"	"						Chassis
				7	"	"	"						Chassis
				8	"	"	"						Chassis
				9	"	"	"						Chassis
													Connector Type:
													J26 9 way D female
													T/B and Headphones

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Date: 08/02/02