

PANEL (R) BOARD

Pin No.	CON-NECTOR	CONTENTS	DESTINATION
1	RC3	D.GND	CPU BOARD CR3;10
2	RC3	DECODER 7	CPU BOARD CR3;9
3	RC3	BUS 0	CPU BOARD CR3;8
4	RC3	BUS 1	CPU BOARD CR3;7
5	RC3	BUS 2	CPU BOARD CR3;6
6	RC3	BUS 3	CPU BOARD CR3;5
7	RC3	BUS 4	CPU BOARD CR3;4
8	RC3	BUS 5	CPU BOARD CR3;3
9	RC3	BUS 6	CPU BOARD CR3;2
10	RC3	BUS 7	CPU BOARD CR3;1
11	RC1	PANEL POT 0	CPU BOARD CR1;18
12	RC1	PANEL POT 1	CPU BOARD CR1;17
13	RC1	PANEL POT 2	CPU BOARD CR1;16
14	RC1	PANEL POT 3	CPU BOARD CR1;15
15	RC1	PANEL POT 4	CPU BOARD CR1;14
16	RC1	DECODER 0	CPU BOARD CR1;13
17	RC1	DECODER 3	CPU BOARD CR1;12
18	RC1	DECODER 4	CPU BOARD CR1;11
19	RC2	−15V	CPU BOARD CR2;25
20	RC2	+15V	CPU BOARD CR2;24
21	RC2	A.GND	CPU BOARD CR2;23
22	RC2	PANEL PROTECT	CPU BOARD CR2;22
23	RC2	POT DATA	CPU BOARD CR2;21
24	RC2	+5V (REF)	CPU BOARD CR2;20

PANEL (L) BOARD

Pin No.	CON-NECTOR	CONTENTS	DESTINATION
1	LC1	DECODER 6	CPU BOARD CL1;79
2	LC1	DECODER 5	CPU BOARD CL1;80
3	LC1	DECODER 0	CPU BOARD CL1;81
4	LC1	DECODER 2	CPU BOARD CL1;82
5	LC1	DECODER 1	CPU BOARD CL1;83
6	LC1	PANEL POT OUT 3	CPU BOARD CL1;84
7	LC1	PANEL POT OUT 2	CPU BOARD CL1;85
8	LC1	PANEL POT OUT 1	CPU BOARD CL1;86
9	LC2	PANEL POT OUT 0	CPU BOARD CL2;87
10	LC2	REF (+5V)	CPU BOARD CL2;88
11	LC2	VR DATA	CPU BOARD CL2;89
12	LC2	LFO LED	CPU BOARD CL2;90
13	LC2	A.GND	CPU BOARD CL2;91
14	LC2	+15V	CPU BOARD CL2;92
15	LC2	−15V	CPU BOARD CL2;93
16	LC3	BUS 7	CPU BOARD CL3;69
17	LC3	BUS 6	CPU BOARD CL3;70
18	LC3	BUS 5	CPU BOARD CL3;71
19	LC3	BUS 4	CPU BOARD CL3;72
20	LC3	BUS 3	CPU BOARD CL3;73
21	LC3	BUS 2	CPU BOARD CL3;74
22	LC3	BUS 1	CPU BOARD CL3;75
23	LC3	BUS 0	CPU BOARD CL3;76
24	LC3	DECODER 7	CPU BOARD CL3;77
25	LC3	D.GND	CPU BOARD CL3;78
26	VR	POT IN	JACK BOARD VR;28
27	VR	POT OUT	JACK BOARD VR;30
28	VR	A.GND	JACK BOARD VR;29

JACK BOARD

Pin No.	CONNECTOR	CONTENTS	DESTINATION
1	JC	NC	—
2	JC	MIDI OUT	CPU BOARD CJ;35
3	JC	MIDI OUT	CPU BOARD CJ;34
4	JC	MIDI IN	CPU BOARD CJ;33
5	JC	MEMORY PROTECT	CPU BOARD CJ;32
6	JC	CASSETTE IN	CPU BOARD CJ;31
7	JC	CASSETTE OUT	CPU BOARD CJ;30
8	JC	ARP.CLK	CPU BOARD CJ;29
9	JC	ARP.CLK (SW)	CPU BOARD CJ;28
10	JC	PATCH SHIFT	CPU BOARD CJ;27
11	JC	PEDAL HOLD	CPU BOARD CJ;26
12	JP1	+15V	POWER SUPPLY BOARD
13	JP1	A.GND	POWER SUPPLY BOARD
14	JP1	A.GND	POWER SUPPLY BOARD
15	JP1	−15V	POWER SUPPLY BOARD
16	JM2	VCF CONT (MODU 2)	MODULE BOARD 2 M2J;25
17	JM2	VCF CONT (MODU 4)	MODULE BOARD 4 M4J;25
18	JM2	VCA CONT (MODU 2)	MODULE BOARD 2 M2J;24
19	JM2	VCA CONT (MODU 4)	MODULE BOARD 4 M4J;24
20	JM2	BENDER VCO-2 (TO MODU 2)	MODULE BOARD 2 M2J;26
21	JM2	BENDER VCO-2 (TO MODU 4)	MODULE BOARD 4 M4J;26
22	JM2	BENDER VCO-1 (TO MODU 2)	MODULE BOARD 2 M2J;27
23	JM2	BENDER VCO-1 (TO MODU 4)	MODULE BOARD 4 M4J;27
24	JM2	FROM VCO-1 BENDER	BENDER BOARD BJ;4
25	JM2	FROM VCO-2 BENDER	BENDER BOARD BJ;5
26	JM2	FROM VCF BENDER	BENDER BOARD BJ;6
27	JM2	NC	
28	VR	POT IN	PANEL BOARD (L) VR;26
29	VR	A.GND	PANEL BOARD (L) VR;28
30	VR	POT OUT	PANEL BOARD (L) VR;27
31	JP2	RESET	POWER SUPPLY BOARD
32	JP2	+15V	POWER SUPPLY BOARD
33	JP2	A.GND	POWER SUPPLY BOARD
34	JP2	A.GND	POWER SUPPLY BOARD
35	JP2	−15V	POWER SUPPLY BOARD
36	JM1	VCA OUT (MODU 4)	MODULE BOARD 4 M4J;23
37	JM1	A.GND	MODULE BOARD 4 M4J;22
38	JM1	VCA OUT (MODU 2)	MODULE BOARD 2 M2J;23
39	JM1	A.GND	MODULE BOARD 2 M4J;22
40	JM1	NOISE OUT (MODU 4)	MODULE BOARD 4 M4J;21
41	JM1	NOISE OUT (MODU 2)	MODULE BOARD 2 M2J;21
42	NJ	TO XLR (1)	
43	NJ	TO XLR (2)	
44	NJ	TO XLR (3)	

BENDER BOARD

Pin No.	CONNECTOR	CONTENTS	DESTINATION
1	BP	A.GND	POWER SUPPLY BOARD
2	BP	+15V	POWER SUPPLY BOARD
3	BP	−15V	POWER SUPPLY BOARD
4	BJ	VCO-1 CONT	JACK BOARD JM2;24
5	BJ	VCO-2 CONT	JACK BOARD JM2;25
6	BJ	VCF CONT	JACK BOARD JM2;26
7	BJ	NC	
8	BE	A.GND	PB-6
9	BE	−15V	PB-6
10	BE	CONT	PB-6
11	BE	+15V	PB-6

