



SERVICE MANUAL

Schematic Diagrams



CODE : 270177



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Notice

Service must be carried out by qualified personnel only. Any tampering carried out by unqualified personnel during the guarantee period will forfeit the right to guarantee.

For a correct operation of the instrument, after having switched off, be careful to wait at least 3 seconds before switching on again. To improve the device's specifications, the schematic diagrams may be subject to change without prior notice.

Schematic Notes

All components marked by this symbol have special safety characteristics, when replacing any of these components use only manufacturer's specified parts.

The (μ) micro symbol of capacitance value is substituted by U. The (Ω) omega symbol of resistance value is substituted by E. The electrolytic capacitors are 25Vdc rated voltage unless otherwise specified. All resistors are 1/8W unless otherwise specified.

- | | |
|---|-------------------------|
| ← Soldering point. | ↑ Supply voltage. |
| • Male connector. | ⌊ Logic supply ground. |
| ◌ Female connector. | ⌋ Analog supply ground. |
| ⌊ M/F faston connector. | ↓ Signal ground. |
| □ Test point. | ⌋ Chassis ground. |
| ◌ Flag joined with one or more flags with the same signal name inscribed. | |

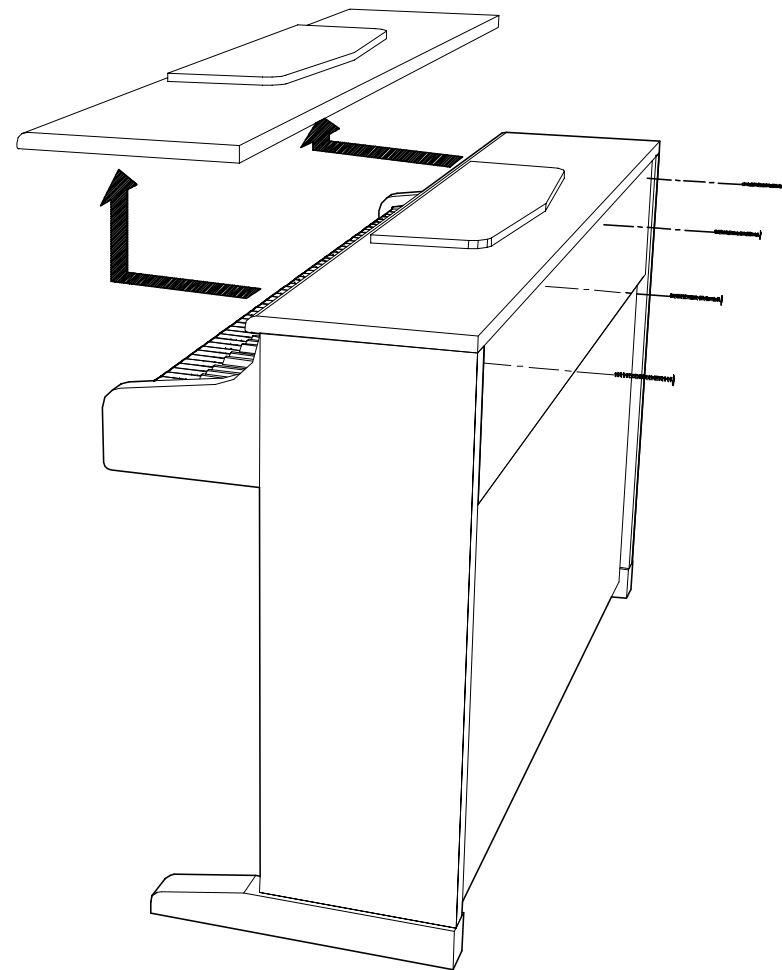


ATTENTION
Observe precautions when handling electrostatic sensitive devices

OPENING INSTRUCTIONS

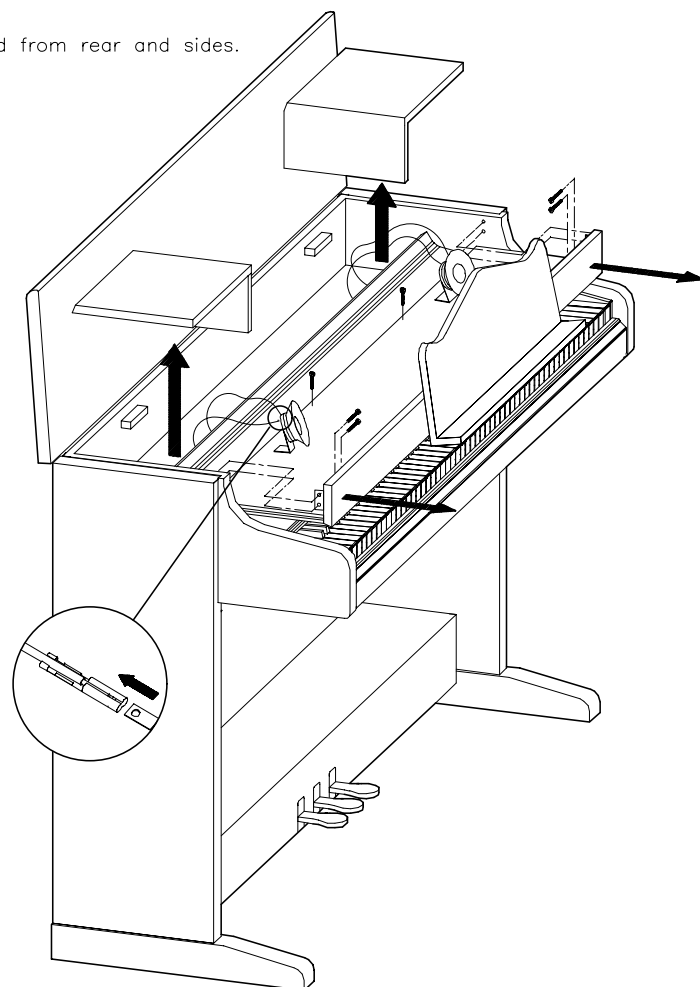
RP2

- 1) Remove the screws at the rear side.
- 2) Move forward and lift the top side as showed below:



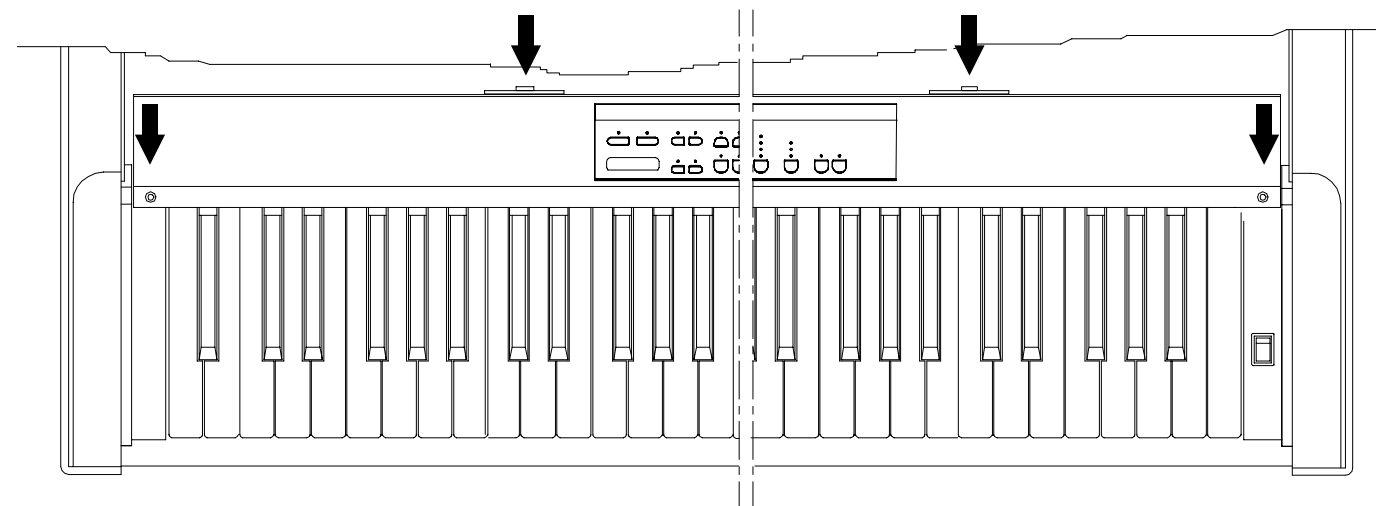
RP3

- 1) Lift the two speakers nets.
- 2) Disconnect the tweeter speakers.
- 3) Remove the six screws to free the speakers board from rear and sides.
- 4) Pull towards you the speakers board.



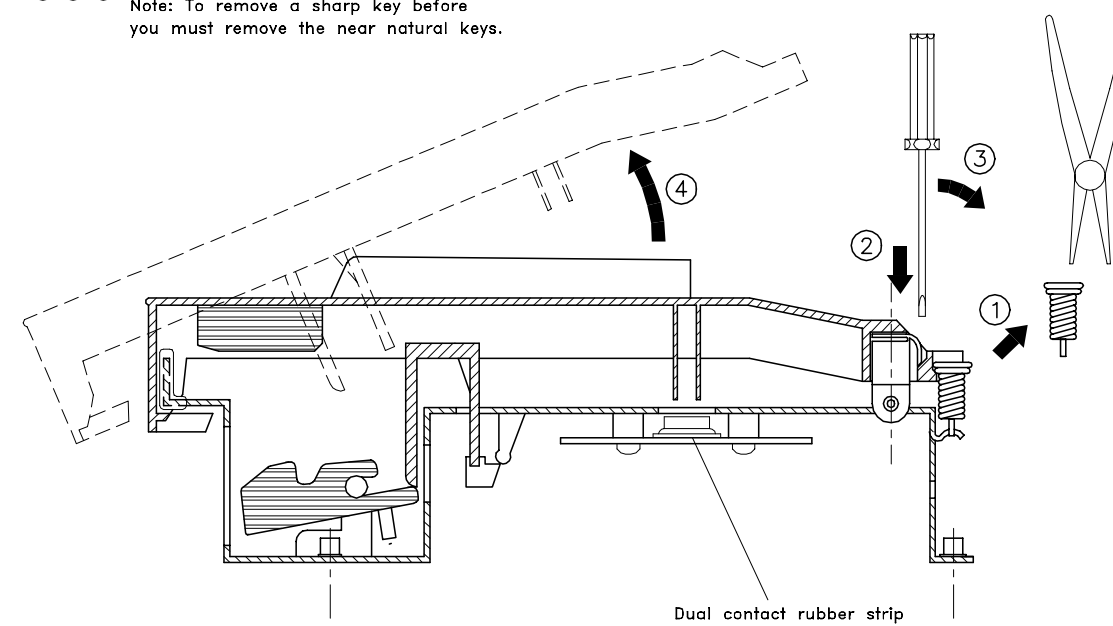
KEYBOARD DISASSEMBLING INSTRUCTIONS

- ① Take off the bar over the keyboard removing the screws showed below:



KEY DISASSEMBLING INSTRUCTIONS

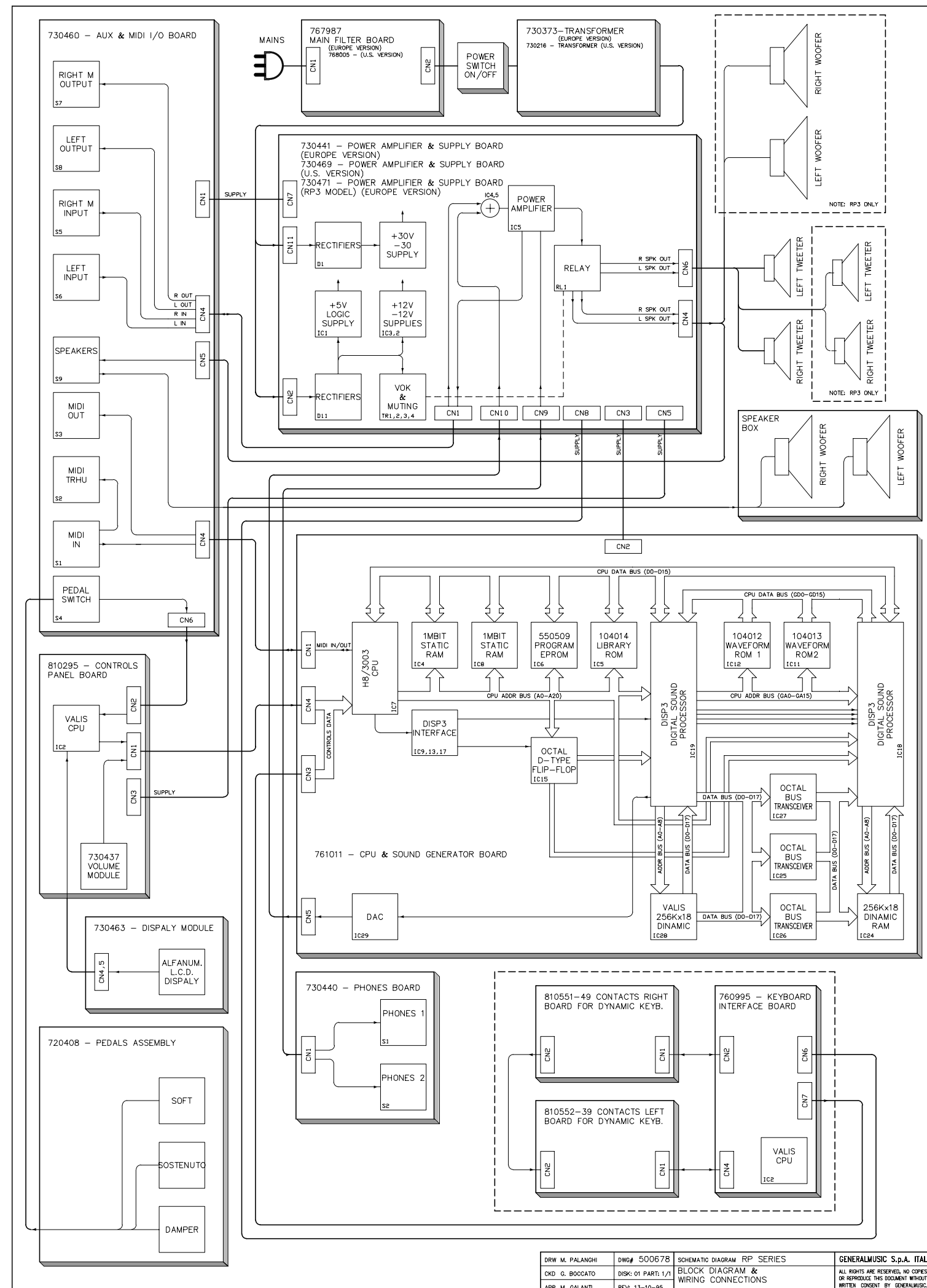
- ① Remove the key return spring
- ②③④ Unlock the key applying not much strenght
Note: To remove a sharp key before you must remove the near natural keys.



DRW: PALANGHI	DWG# 500676	SCHEMATIC DIAGRAM REAL PIANO 1	GENERALMUSIC S.p.A. ITALY
CKD	DISK: 1 PART: 1/1	OPENING INSTRUCTIONS KEYBOARD DISASSEMBLING INSTR.	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITER CONSENT BY GENERALMUSIC.
APP: GALANTI	REV: 19-10-95	KEY DISASSEMBLING INSTRUCTIONS	

AUTOTEST CHART

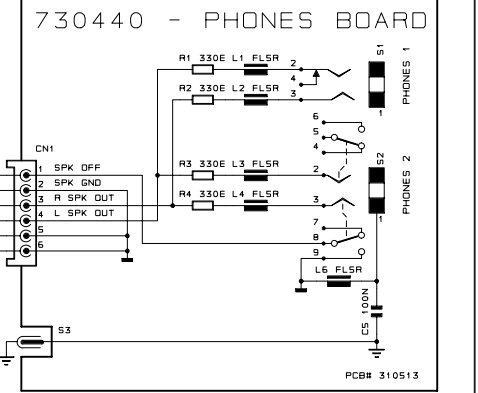
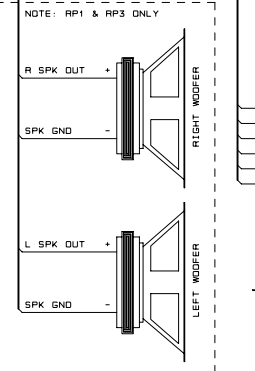
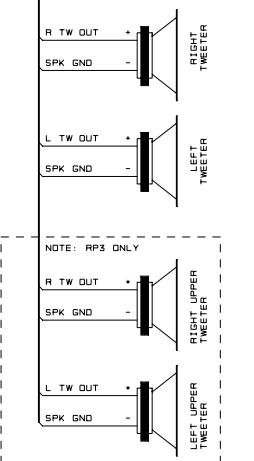
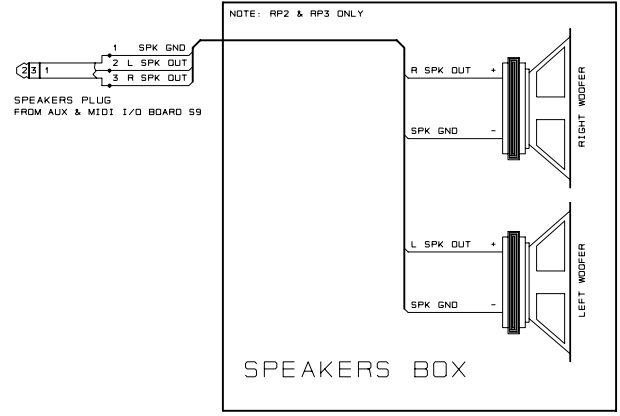
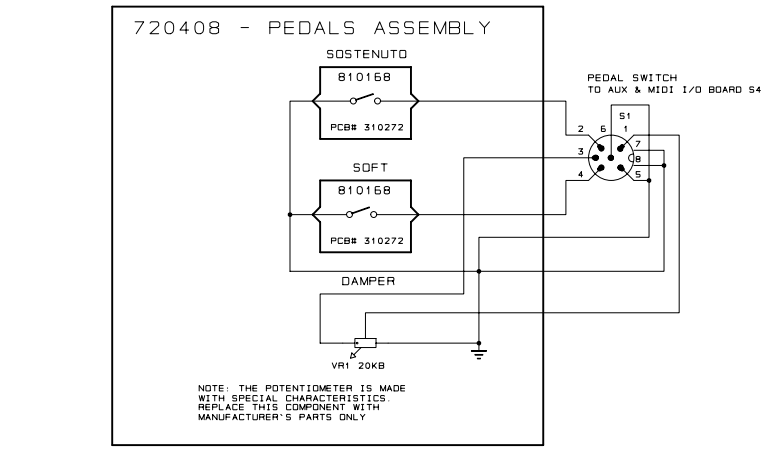
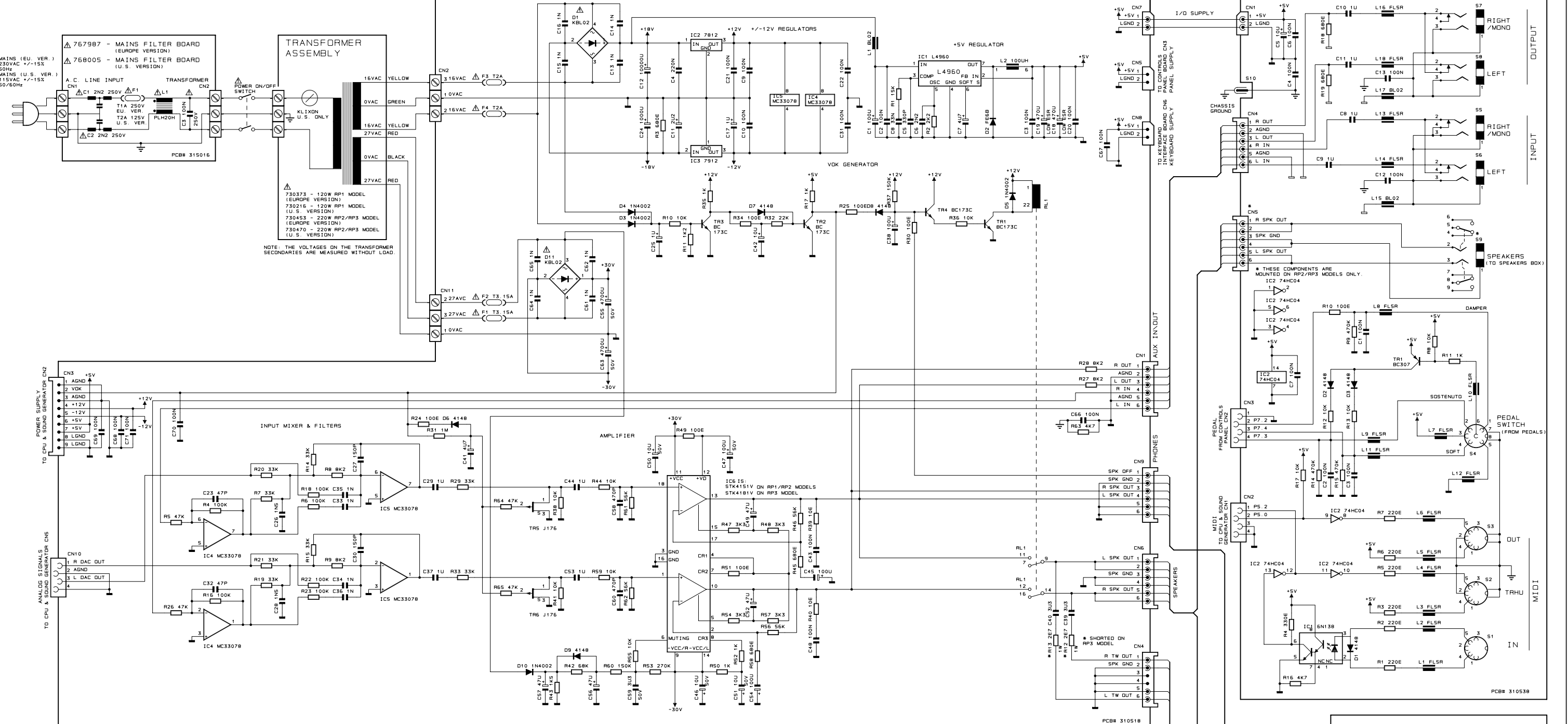
TEST	OPERATIONS	EVENTS DESCRIPTIONS	DISPLAY
Start	Turn on instrument while holding pressed "A.S.B." button.	A Display message appears:	RP AUTOTEST -----
Memory	Press "A.S.B." button.	Display shows current software data version in EPROM. After a few seconds, the memory checksum is displayed.	Jun 15 1995 08:00:00 v 1,00
	Press "A.S.B." button.	RAM test starts and at end of cycle, if test is successful, display shows message:	RAM MEMORY CHECK addr 23FFFF OK
	Press "A.S.B." button.	If test fails, display shows FAIL + address error number and instrument crashes.	RAM MEMORY CHECK addr 20D215 FAIL
Display	Press "A.S.B." button.	ROM LIBRARY test starts and at end, if test is successful, display shows message:	TEST LIBRARY P A S S !
	Press "A.S.B." button.	If test fails, display shows FAIL and instrument crashes.	TEST LIBRARY F A I L !
LED	Press "A.S.B." button.	A Display message appears:	LCD DISPLAY TEST -----
	Press "A.S.B." button.	After few seconds all the display segments turn black. Check that all sections are black.	████████████████████ ████████████████████
Buttons	Press "A.S.B." button	All leds go on. Check that all leds are on.	Buttons Test Volume:
	Press all panel buttons one by one except "A.S.B." button	Every button pressed must light corresponding led and display must show:	U Buttons Test + D Volume: 0 -
Pedals	Press "A.S.B." button	"U" and "D" simobls correspond to up and down arrows buttons. "+" and "-" simobls correspond to + e - buttons. Moving the VOLUME must display a position number from 0-127.	U Buttons Test + D Volume: 102 -
	Press left pedal [SOFT]	Display: "on" with pedal pressed and "off" with pedal released.	on or off on or off
	Press center pedal [SOSTENUTO]	Display: "on" with pedal pressed and "off" with pedal released.	on or off on or off
	Press right pedal [DAMPER]	Display must show a number from 0-127 with increased pedal pressure.	on or off on or off
MIDI IN & OUT	Press "A.S.B." button		PEDALS: DAMP: 0 SOST: offSOFT: off
	Loop the two MIDI connectors with a single MIDI cable.	A Display message appears:	TEST MIDI IN/OUT LOOP DETECTED OK
Sinus Test	Press "A.S.B." button	If loop is interrupted, display shows:	TEST MIDI IN/OUT --- NO LOOP! ---
	Press "A.S.B." button	A Display message appears:	SINUS SWEEP Freq. 1000Hz
Exit	Press "A.S.B." button	A 1000Hz sinusoidal tone must sound. TRANSPOSE +/- buttons should slightly modify frequency within range 10-2756Hz if pressed and instantly released. Move the VOLUME to set the output level. This test signal is useful to check power amplifier and speakers.	
	Press "A.S.B." button	An end test message appears.	
Repeat	Press and hold "A.S.B." button until starting display shows.	Autotest starts again.	
	Press "A.S.B." button to stop.	The instrument is ready to play.	
Note	The autotest operations can be performed only in the sequence specified above. During test all normal keyboard functions are disabled. At the end of autotest a memory reset takes place. A loud "click" during reset is normal. The two chips DISP3 are tested each time the instrument is turned on. If the testing fails the message DISP FAILURE appears which disappears after few seconds without crashing the instrument.		

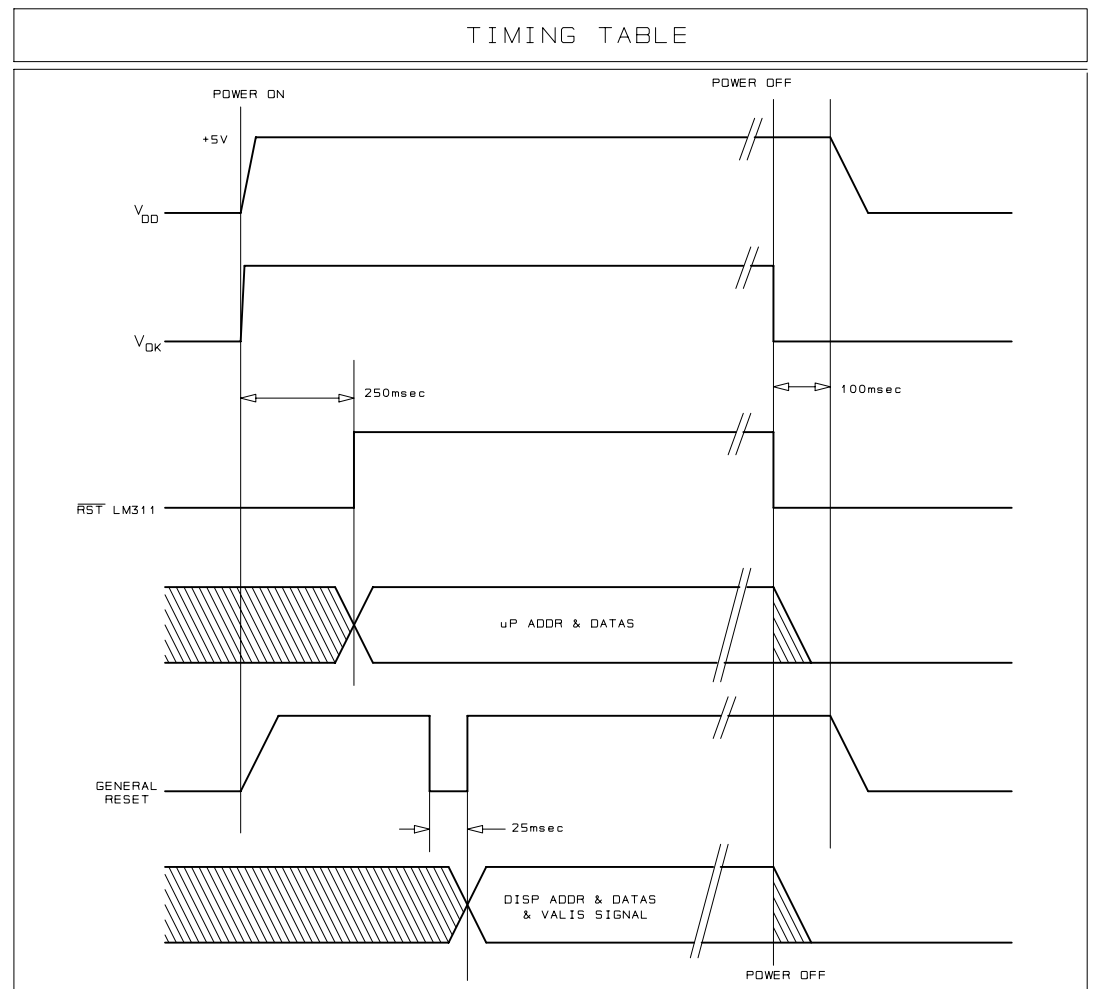
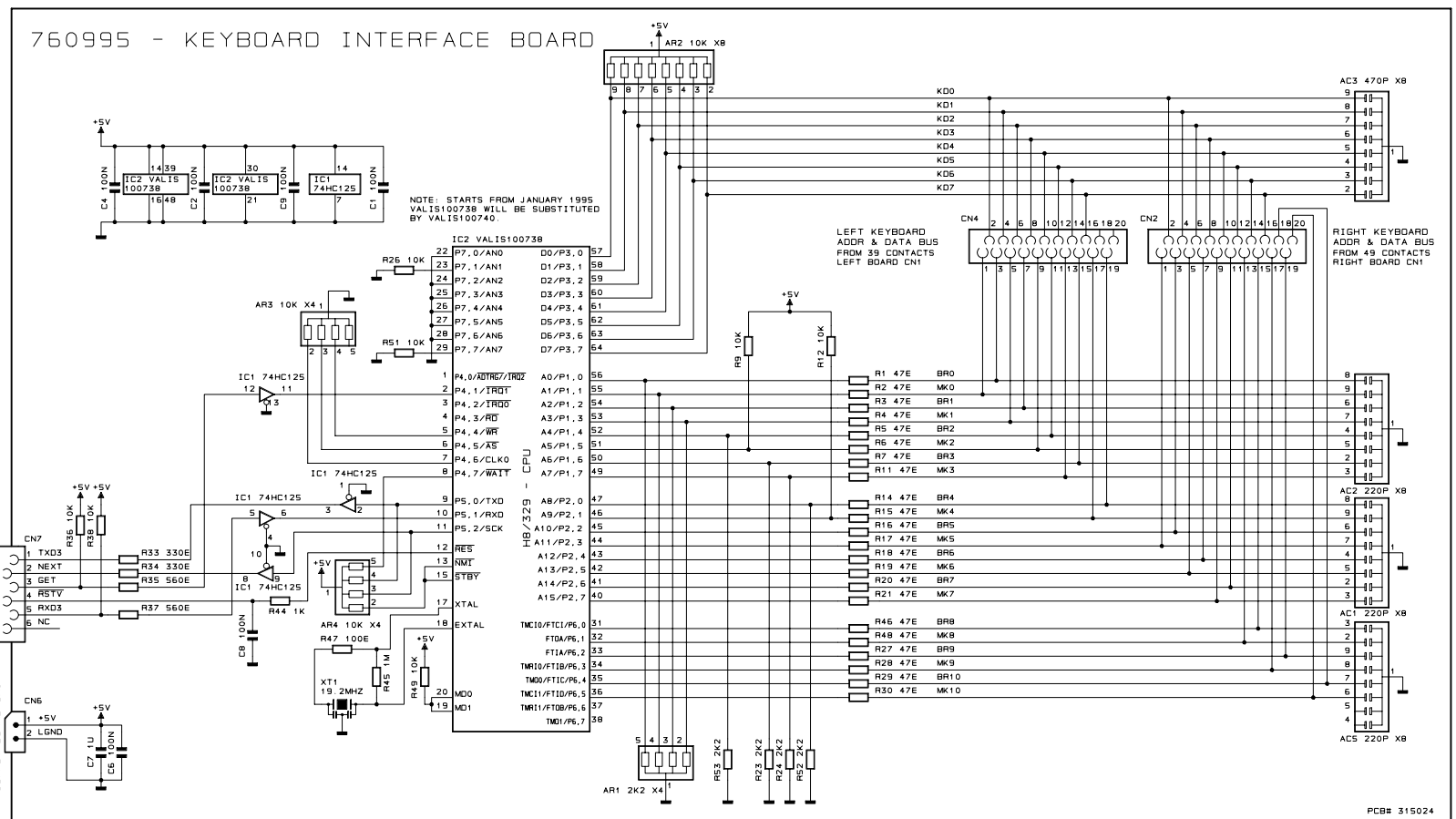
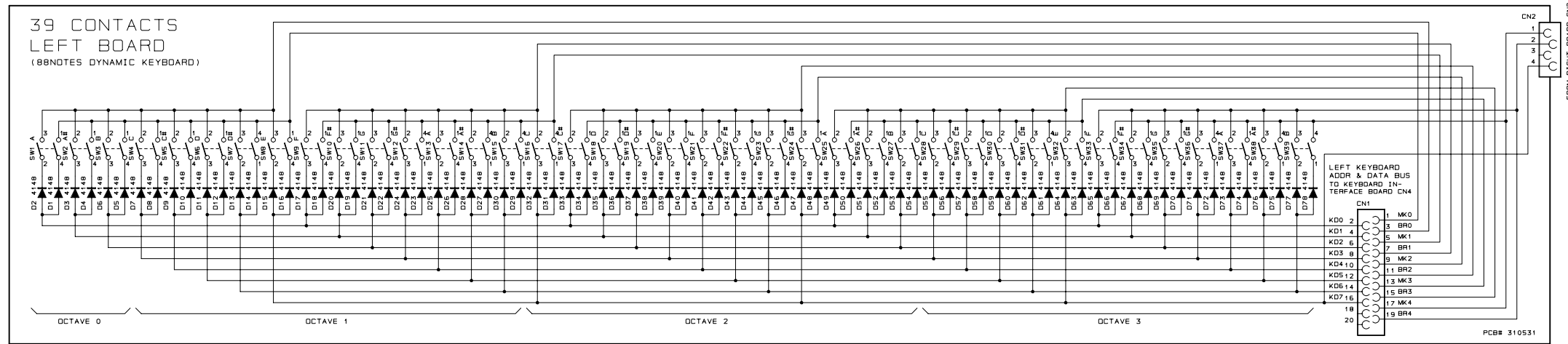
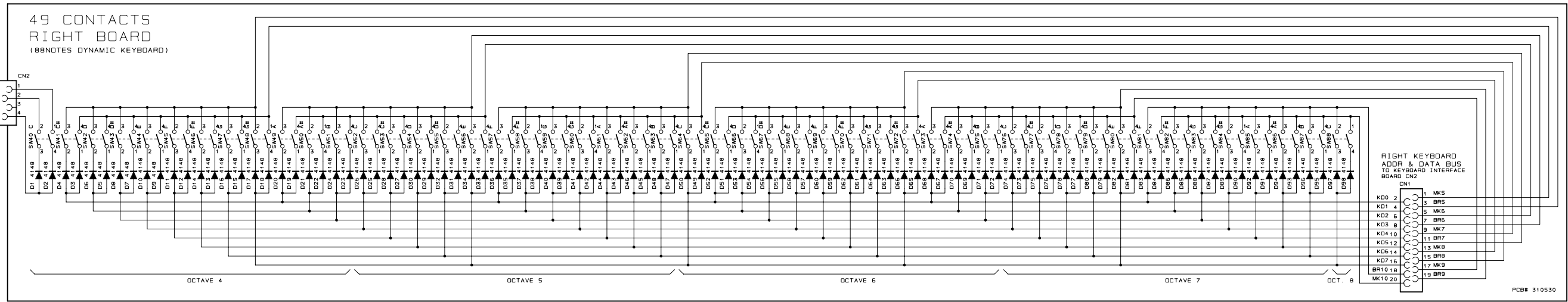


DRW M. PALANGHI	DWG# 500678	SCHEMATIC DIAGRAM RP SERIES	GENERALMUSIC S.p.A. ITALY
CKD G. BOCCATO	DISK: 01 PART: 1/1	BLOCK DIAGRAM & WIRING CONNECTIONS	ALL RIGHTS ARE RESERVED. NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M. GALANTI	REV: 13-10-85		

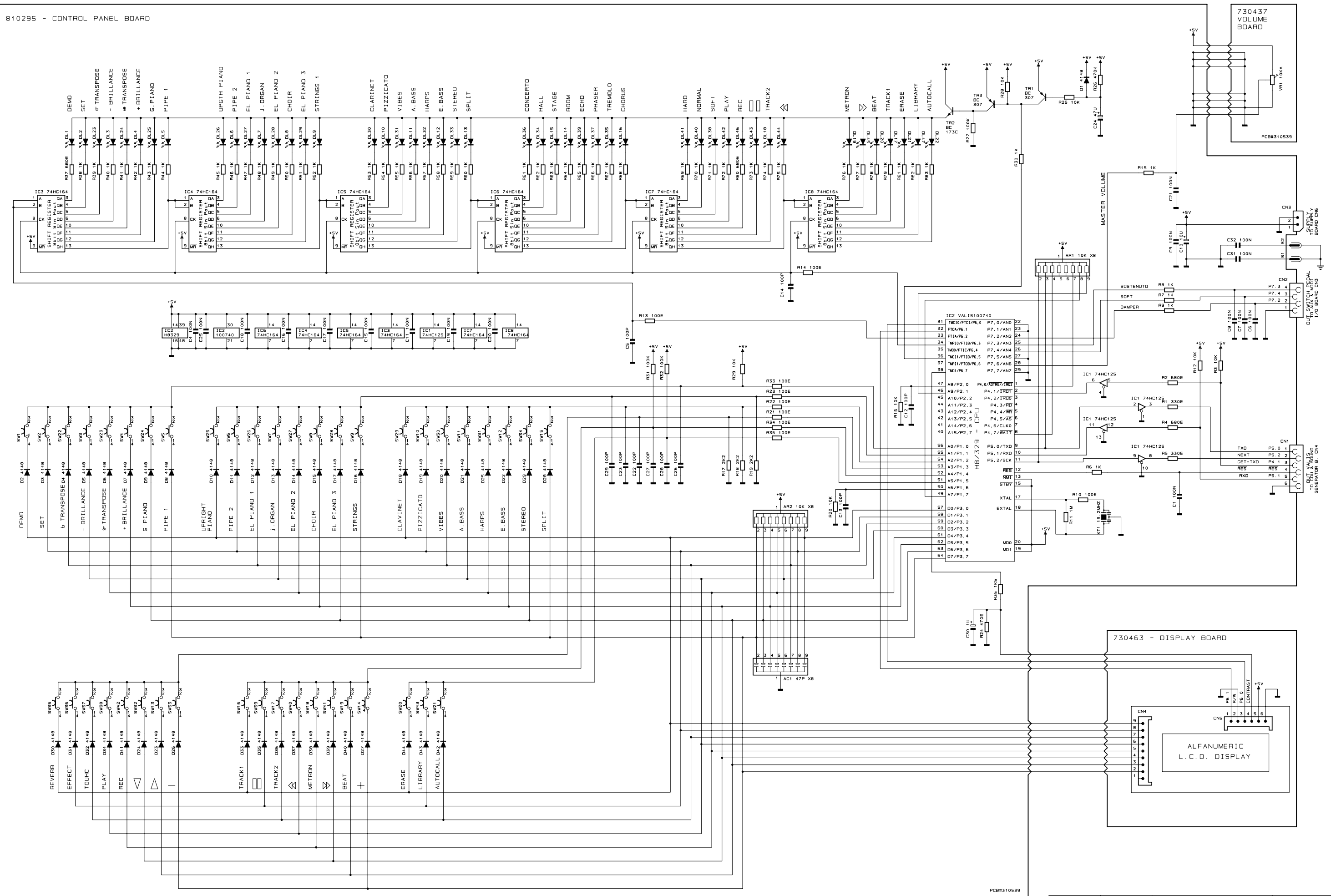
730441 - POWER AMPLIFIER & SUPPLY BOARD RP1/RP2 MODELS (EUROPE VERSION)
 730469 - POWER AMPLIFIER & SUPPLY BOARD RP1/RP2 MODELS (U.S. VERSION)
 730471 - POWER AMPLIFIER & SUPPLY BOARD RP3 MODEL (EUROPE VERSION)

730460 - AUX & MIDI I/O BOARD (RP1 MODEL)
 730462 - AUX & MIDI I/O BOARD (RP2/RP3 MODEL)



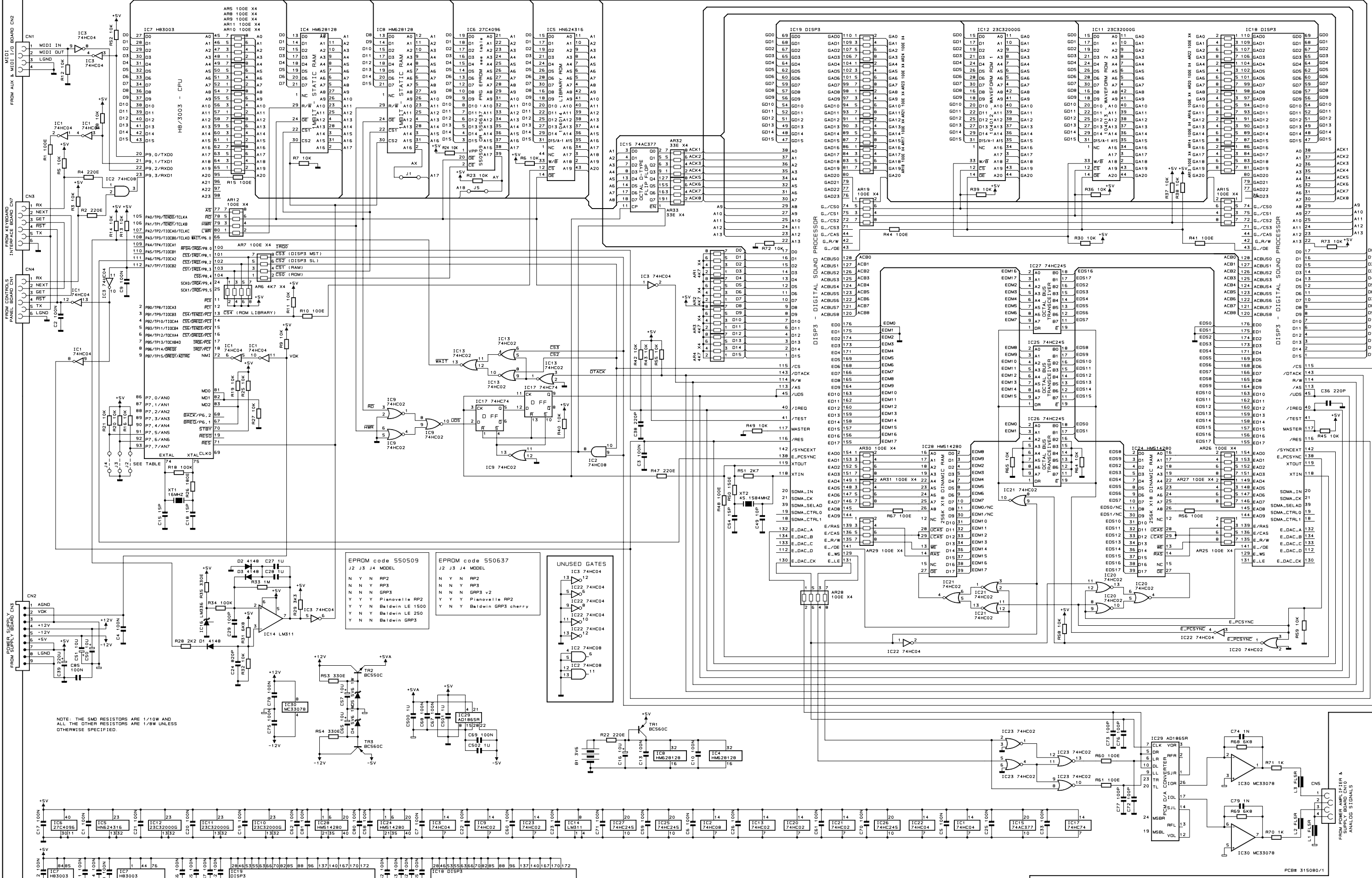


DRW BOCCATO	DWG# 500672	PCB# 310531 310530	GENERALMUSIC S.p.A. ITALY
CKD GIORGI	DSK# 14 PART: 1/1	SCHEMATIC DIAGRAM RP SERIES	ALL RIGHTS ARE RESERVED. NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. GALANTI	REV: 12/05/95	CONTACTS BOARD & KEYBOARD INTERFACE BOARD	



DRW. M. PALANGHI	DWG# 500674	PCB# 310539	GENERALMUSIC S.p.A. ITALY
CKD. P. FACCIN	DSK# -- PART. 1/1	SCHEMATIC DIAGRAM	ALL RIGHTS ARE RESERVED. NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC
APP. M. GALANTI	REV. 17-11-95	CONTROL PANEL BOARD	

761011 - CPU & SOUND GENERATOR BOARD



NOTE: THE SMD RESISTORS ARE 1/10W AND ALL THE OTHER RESISTORS ARE 1/8W UNLESS OTHERWISE SPECIFIED.

EPROM code 550509			
J2	J3	J4	MODEL
N	N	N	RP2
N	N	N	RP3
N	N	N	GRP3
Y	Y	Y	Pianovella RP2
Y	Y	Y	Baldwin LE 1500
Y	Y	Y	Baldwin LE 250
Y	N	N	Baldwin GRP3

EPROM code 550637			
J2	J3	J4	MODEL
N	N	N	RP2
N	N	N	RP3
N	N	N	GRP3 v2
Y	Y	Y	Pianovella RP2
Y	Y	Y	Baldwin LE 1500
Y	Y	Y	Baldwin LE 250
Y	N	N	Baldwin GRP3 cherry

UNUSED GATES			
IC3	74HC04	1	1
IC22	74HC04	1	1
IC22	74HC04	2	2
IC22	74HC04	3	3
IC22	74HC04	4	4
IC22	74HC04	5	5
IC22	74HC04	6	6
IC22	74HC04	7	7
IC22	74HC04	8	8
IC22	74HC04	9	9
IC22	74HC04	10	10
IC22	74HC04	11	11
IC22	74HC04	12	12
IC22	74HC04	13	13

SPARE PARTS

LEGEND

EU	=	SPECIFY EUROPE VERSION
US	=	SPECIFY U.S. VERSION
W	=	SPECIFY WALNUT VERSION
R	=	SPECIFY ROSEWOOD VERSION
B	=	SPECIFY BLACK GLOSS VERSION

ACCESSORIES

271042	RP 2 OWNER'S MANUAL (ALL LANGUAGES) (US)
271041	RP 2 / RP3 OWNER'S MANUAL (ALL LANGUAGES) (EU)

OPTIONAL ACCESSORIES

970204	STOOL (W)
970127	STOOL (B)
970046	STOOL (R)
340140	* PLASTIC FOOT
170758	* FIXING SQUARE
150618	* KNOB (6x19)
120685	* FIXING PIVOT
261046	* STOOL CUSHION (W)
261049	* STOOL CUSHION (B)
261040	* STOOL CUSHION (R)
261045	* CROSS BAR (W)
261048	* CROSS BAR (B)
2261041	* CROSS BAR (R)
61044	* LEG (W)
261047	* LEG (B)
261042	* LEG (R)

ASSEMBLY

RP2 WOODEN PARTS

830577	SPEAKER BOX (B)
830576	SPEAKER BOX (W)
830575	SPEAKER BOX (R)
660409	* SPEAKER GRID
220083	* 6" WOOFER SPEAKER

WOODEN PARTS (B)

260974	* COVER (US)
260960	* COVER (EU)
260958	* HEAD (US)
260955	* HEAD (EU)
260947	* MUSIC STAND
260964	* PEDAL BAR
260951	* RIGHT SIDE
260949	* LEFT SIDE
260862	* KEYBOARD COVER

WOODEN PARTS (W)

260973	* COVER (US)
260959	* COVER (EU)
260957	* HEAD (US)
260954	* HEAD (EU)
260948	* MUSIC STAND
260963	* PEDAL BAR
260861	* KEYBOARD COVER
260950	* RIGHT SIDE
260855	* LEFT SIDE

WOODEN PARTS (R)

260972	* COVER (US)
260871	* COVER (EU)
260956	* HEAD (US)
260864	* HEAD (EU)
260853	* MUSIC STAND
260946	* PEDAL BAR
260864	* KEYBOARD COVER
260860	* RIGHT SIDE
260859	* LEFT SIDE

RP3 WOODEN PARTS

WOODEN PARTS (R)

261022	* TWEETER UPPER PANEL
261019	* COVER
260869	* CHASSIS
260864	* KEYBOARD COVER
260863	* UPPER FRONTAL PANEL
260856	* MUSIC STAND

WOODEN PARTS (B)

261022	* TWEETER UPPER PANEL
260872	* COVER
260873	* CHASSIS
260862	* KEYBOARD COVER
261021	* MUSIC STAND
261020	* UPPER FRONT PANEL

VARIOUS

720408	TRIPLE BRASSED PEDAL
660410	SPEAKER GRID (RP 3 VERSION)
660408	HEAD FIXING PLATE
660407	CABINET FIXING PLATE
660406	MUSIC STAND SUPPORT
660405	HEAT SINK PROTECTION GRID
660403	MUSIC STAND HINGE
660391	KEYBOARD COVER FRONTAL BAR (B)
660390	KEYBOARD COVER FRONTAL BAR (R) (W)
652853	KEYBOARD PLASTIC LEFT SIDE
652852	KEYBOARD PLASTIC LEFT SIDE
340821	MUSIC STAND RUBBER FOOT
340811	TOOTHED WHEEL
340810	WHEEL SUPPORT
324414	BRASSED HINGE (cm40x79)(RP3 VERSION)
323029	BLACK POLE (RP3 VERSION)
220087	8E TWEETER SPEAKER
210101	GREEN ADHESIVE FELT
210021	RED ADHESIVE FELT
171352	TWEETER SUPPORT
171331	LEFT COVER FIXING
171330	RIGHT COVER FIXING
170585	METAL FOOT (20mm)

MAINS ASSEMBLY

130294	MAINS SUPPLY CABLE (EU)
130277	MAINS SUPPLY CABLE (US)
110362	4A 250V MAIN SWITCH
110083	T 2A 6,3x32 FUSE (US)
110011	T 1A 5x20 FUSE (EU)
020493	100NF 10% 250VAC CAPACITOR
768005	3A 115V MAINS FILTER BOARD (US)
767987	3A 230V MAINS FILTER BOARD (EU)

TRANSFORMER ASSEMBLY

730470	TRANSFORMER ASSEMBLY 115V (US)
730453	TRANSFORMER ASSEMBLY 230V (EU)
230131	* TRANSFORMER 220W 115V (US)
230130	* TRANSFORMER 220W 230V (EU)

KEYBOARD INTERFACE BOARD

760995	KEYBOARD INTERFACE BOARD (PCB#315024)
141018	* 20 CONTACTS FEMALE CONNECTOR
141011	* 6 CONTACTS FEMALE CONNECTOR
140918	* 2 CONTACTS MALE CONNECTOR
100738	* 100740 VALIS CPU
100605	* 74HC125 QUAD 3 STATE NON INVERTING BUFFER
010726	* 19.2MHZ CERAMIC RESONATOR WITH CAP.

KEYBOARD ASSEMBLY

720417	KEYBOARD ASSEMBLY (EU)
810552	* 39 CONTACTS LEFT BOARD FOR DYNAMIC KEYBOARD (PCB#310531)
340764	** 3 DUAL CONTACTS RUBBER STRIP
340211	** 12 DUAL CONTACTS RUBBER STRIP
141018	** 2 CONTACTS MALE CONNECTOR
141010	** 4 CONTACTS FEMALE CONNECTOR
080103	** 1N4148 100mA 75V SIGNAL DIODE
810551	* 49 CONTACTS LEFT BOARD FOR DYNAMIC KEYBOARD (PCB#310530)
340212	** 13 CONTACTS RUBBER STRIP
340211	** 12 CONTACTS RUBBER STRIP
141018	** 20 CONTACTS FEMALE CONNECTOR
141010	** 4 CONTACTS FEMALE CONNECTOR
080103	** 1N4148 100mA 75V SIGNAL DIODE
500065	* MECCANICAL KEYBOARD ASSEMBLY
151119	** C KEY
151120	** D KEY
151121	** E KEY
151122	** F KEY
151123	** G KEY
151124	** A KEY
151125	** B KEY
151126	** SHARP KEY
151127	** FIRST A KEY
151128	** LAST C KEY
160201	** NATURAL KEYS RETURN SPRING
160202	** SHARP KEYS RETURN SPRING
150160	** 12 KEYS SNAP STRIP
150161	** 13 KEYS SNAP STRIP
150162	** SNAP ACTING FOR KEY

PHONES ASSEMBLY

730459	PHONES ASSEMBLY
652854	* HEAD-PHONE SOCKET BOX

171327	* BOX FIXING
730440	* PHONES BOARD (PCB# 310513)
140327	** 6 CONTACT VERTICAL MALE CONNECTOR
140217	** STEREO JACK SLIM SOCKET
140207	** STEREO JACK SOCKET

POWER AMPLIFIER & SUPPLY ASSEMBLY

730471	POWER AMPLIFIER & SUPPLY BOARD (EU) (RP3 VERSION)
730469	POWER AMPLIFIER & SUPPLY BOARD (US) (RP2 VERSION)
730441	POWER AMPLIFIER & SUPPLY BOARD (EU) (RP2 VERSION)
171342	* LEFT AMPLIFIER BOARD SUPPORT
171341	* RIGHT AMPLIFIER BOARD SUPPORT
141010	* 4 CONTACTS FEMALE VERTICAL CONNECTOR
140917	* 4 CONTACTS MALE VERTICAL CONNECTOR
140352	* 9 CONTACTS MALE VERTICAL CONNECTOR
140351	* 6 CONTACTS MALE VERTICAL CONNECTOR
140323	* 6 CONTACTS MALE CONNECTOR
110304	* 2 WAYS 12V 5A RELAY
110119	* FUSE CLIP
110083	* FUSE T 2A 6,3x32 (U.S. VERSION)
110061	* FUSE T 3,15A 6,3x32 (U.S. VERSION)
110010	* FUSE T 2A 5x20 (EUROPE VERSION)
110003	* FUSE T 3,15A 5x20 (EUROPE VERSION)
100956	* STK 4181V POWER AMP HYBRID 50+50W (RP3 VERSION)
100919	* MC33078P LOW NOISE DUAL OP. AMP.
100900	* L4960 SWITC.REGUL.POS 2,5A PENTAWATT PROG
100045	* 7812 REG.TENS. 12V 1A TO220
100043	* 7912 REG.TENS.-12V 1A TO220
100039	* HYBRID STEREO POW.AMP.2X40W STK4151 (RP2 VERSION)
090856	* J-FET BSY 176 TRANSISTOR
090182	* BC173C NPN TO92 25V 0,1A TRANSISTOR
080605	* 4A 200V KBL02 RECTIFIER BRIDGE
080171	* 100V 6A RECTIFIER DIODE
080156	* 1N4002 1A 100V RECTIFIER DIODE
080103	* 1N4148 100mA 75V SIGNAL DIODE

CPU & SOUND GENERATOR BOARD

761011	CPU & SOUND GENERATOR BOARD (PCB#315080/1)
141011	** 6 CONTACTS FEMALE CONNECTOR
141010	** 4 CONTACTS FEMALE CONNECTOR
140889	** 2x36 CONTACTS MALE RUBBER STRIP
140352	** 9 CONTACTS MALE CONNECTOR
105006	** UP H8/3003 CPU SMD FC=16MHZ
105009	** DISP3 FC=50MHZ QFLAT 176PIN
104014	** CMOS 16MBIT MASK ROM LIBRARY
104013	** CMOS 32MBIT MASK ROM WAVE 2
104012	** CMOS 32MBIT MASK ROM WAVE 1
104010	** HM514280AJ-7 CMOS DRAM 256KX18SOJ
104000	** HM628128LPP SOP STATIC RAM 1MB 70NS
103010	** 74HC04 HEX INVERTER IN SMD SOP14 P=3,81
103009	** 74HC02 QUAD 2 INPUT NOR GATE SOP14 P=3,81
103007	** 74HC74 DUAL FLIP-FLOP
103004	** AD1865R SDP PCM D/A COUNVERT.
103002	** 74HC245 TRI-STATE OCTAL BUS TRANSCEIVER
103001	** 74HC08 QUAD 2-INPUT AND GATE
101501	** 74AC377 OCTAL D FLIP-FLOP
100920	** LM 336B 2,5 VOLTAGE REFERENCE GEN.
100919	** MC33078P LOW NOISE DUAL OP. AMP.
100075	** LM311N LINEAR VOLTAGE COMPARATOR
090194	** BC560C PNP LN TO92 40V 0,1A TRANSISTOR
090183	** BC550C NPN LN TO92 40V 0,1A TRANSISTOR
080241	** 5,6V 1W 5% ZENER
010727	** 45.1584MHZ QUARTZ
010704	** 16 MHZ QUARTZ
550509	* 27C4002 PROGRAM EPROM
140877	* JUMPER
110282	* 3.6V 60MAH RECHARGEABLE BATTERY

CONTROL PANEL ASSEMBLY

820434	FRONT PANEL (RP3 VERSION)
820430	FRONT PANEL (B) (R) (US) (RP2 VERSION)
820427	FRONT PANEL (B) (R) (EU) (RP2 VERSION)
820463	FRONT PANEL (W) (US) (RP2 VERSION)
820462	FRONT PANEL (W) (EU) (RP2 VERSION)
810295	* CONTROL PANEL BOARD (PCB#310539)
730437	** VOLUME BOARD (PCB#310507)
140874	** 36 CONTACTS MALE STRIP
070551	** 10KE LIN 30mm POTENTIOMETER
90192	** BC307 PNP TO92 40V 0,1A TRANSISTOR
90182	** BC173C NPN TO92 25V 0,1A TRANSISTOR
80748	** GREEN LED
80747	** RED LED
80103	** 1N4148 100MA 75V SIGNAL DIODE
141011	** 6 CONTACT FEMALE CONNECTOR
141010	** 4 CONTACT FEMALE CONNECTOR

140918	** 2 CONTACT MALE CONNECTOR
140520	** 15V 20mA MICROSWITCH
140362	** 9 CONTACT MALE CONNECTOR
140361	** 6 CONTACT MALE CONNECTOR
10726	** 19.2 MHz RESONATOR
100738	** 100740 VALIS CPU (STARTS FROM 01/96)
100607	** 74HC164 8BIT SIPO SHIFT REGISTER
100605	** 74HC125 QUAD 3 STATE NON INVERTING BUFFER
730463	* DISPLAY BOARD
080745	** DISPLAY (2x16cm)
660396	* FRONT PANEL (RP3 VERSION)
660395	* FRONT PANEL (U.S. VERSION)(RP2 VERSION)
660393	* FRONT PANEL (EUROPE VERSION)(RP2 VERSION)
652867	* DISPLAY PROTECTION GLASS
652849	* PAINTED CONTROLS PANEL BOARD
652240	* 5+5+2 KEYS RUBBER KEYPAD
652239	* 2 KEYS << >> RUBBER KEYPAD
652238	* 2 KEYS <+ -> RUBBER KEYPAD
652237	* 2+4+8+8 KEYS RUBBER KEYPAD
652236	* 4+1 KEYS RUBBER KEYPAD
340820	* SLIDER KNOB

AUX & MIDI I/O BOARD

730462	AUX & MIDI I/O BOARD (PCB#310538)
652856	* BOX FOR OUTPUT SIGNALS
141010	* 4 CONTACT FEMALE CONNECTOR
140918	* 2 CONTACT MALE CONNECTOR
140351	* 6 CONTACT MALE CONNECTOR
140323	* 6 CONTACT MALE CONNECTOR
140217	* STEREO JACK SOCKET
140216	* 6 PINS DIN SOCKET
140212	* 5 PINS DIN SOCKET
140207	* STEREO JACK SOCKET (6.3mm)
100602	* 74HC04 HEX INVERTER
100035	* 6N138 PHOTOCOUPLER
090192	* BC307 PNP TO92 40V 0,1A TRANSISTOR
080103	* 1N4148 100MA 75V SIGNAL DIODE

WIRING CONNECTIONS

840901	9 Wires x 7,5cm FLAT CABLE (from POWER AMPLIFIER to CPU B.)
840850	6 Wires x 5 cm FLAT CABLE (from I/O BOARD to PWR AMPLIFIER B.)
840799	4 Wires x 7,5 cm FLAT CABLE (from POWER AMPLIFIER to CPU B.)
840791	2 Wires x 40cm FLAT CABLE (from PWR AMPLIFIER to KEYBOARD B.)
840782	6 Wires x 35cm FLAT CABLE (from KEYBOARD B. to CPU BOARD)
840781	6 Wires x 30cm FLAT CABLE (from CPU B. to CONTROL PANEL B.)
840776	2 Wires x 25cm FLAT CABLE (from PWR AMPLIFIER B. to CONTROL PANEL B.)
840769	4 Wires x 40cm FLAT CABLE (from I/O B. to CONTROL PANEL B.)(RP2 VER.)
840768	4 Wires x 10cm FLAT CABLE (from I/O BOARD to CPU BOARD)
840765	2 Wires x 20cm FLAT CABLE (from PWR AMPLIFIER to I/O BOARD)
840762	20 Wires x 25cm FLAT CABLE (from RIGHT KEYB. to CN2 of KEYB. INTERF. B.)
840761	20 Wires x 12,5cm FLAT CABLE (from LEFT KEYB to CN4 of KEYB. INTERF. B.)
840758	4 Wires x 45cm FLAT CABLE (from I/O B. to CONTROL PANEL B.)(RP3 VER.)
840740	9 Wires x 10cm FLAT CABLE (DISPLAY MODULE)
840739	6 Wires x 10cm FLAT CABLE (DISPLAY MODULE)
840738	4 Wires x 5cm FLAT CABLE (from RIGHT KEYBOARD to LEFT KEYBOARD)
840168	6 Wires x 180cm FLAT CABLE (from PWR AMPLIFIER to PHONES BOARD)

Note:

Each spare part is single quantity unless otherwise specified

Asterisk prefix explanation:

Omitted = First level spare part.

One asterisk = Second level, part of previous listed first level part.

Two asterisk = Third level, part of previous listed second level part.

Three asterisk =,,,,,,,,,,,,,,,,,,,,,

Any request for not above mentioned part must encompass specific description including:

- 1) Model name,
- 2) Section,
- 3) Module code,
- 4) Reference name,
- 5) Quantity number.