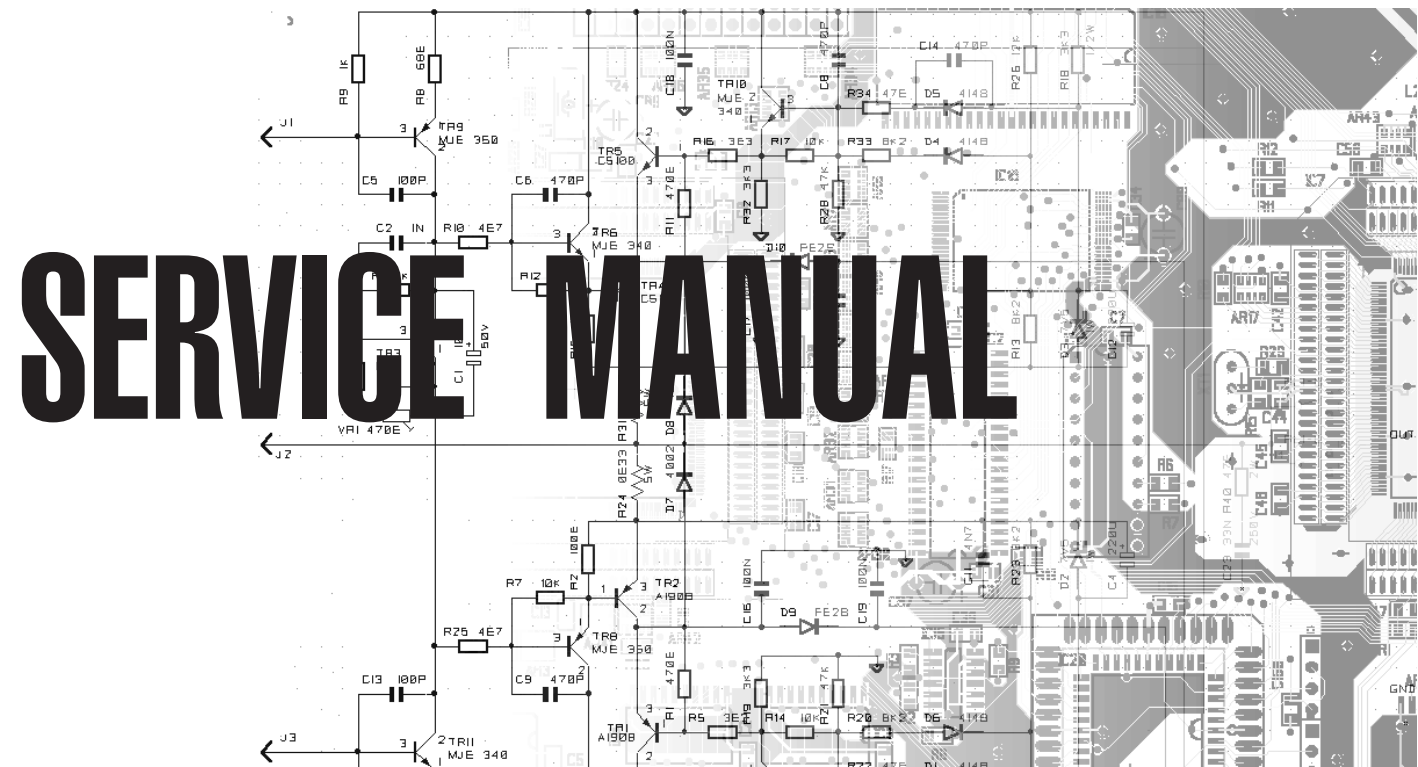




SWING32




32 INPUT LIVE MIXER



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Warnings



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.

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.

All switches shown in the "OFF" position. All DC voltages measured to ground with a voltmeter 20KOhm/V.

← Soldering point.	⬆ Supply voltage.	⬇ Logic supply ground.
• Male connector.	⬆ Test point.	⬇ Analog supply ground.
○ Female connector.	⬆ Flag joined with one or more flags with the same signal name inscribed.	⬇ Chassis ground.
⬆ M/F faston connector.		⬇ Earth ground.

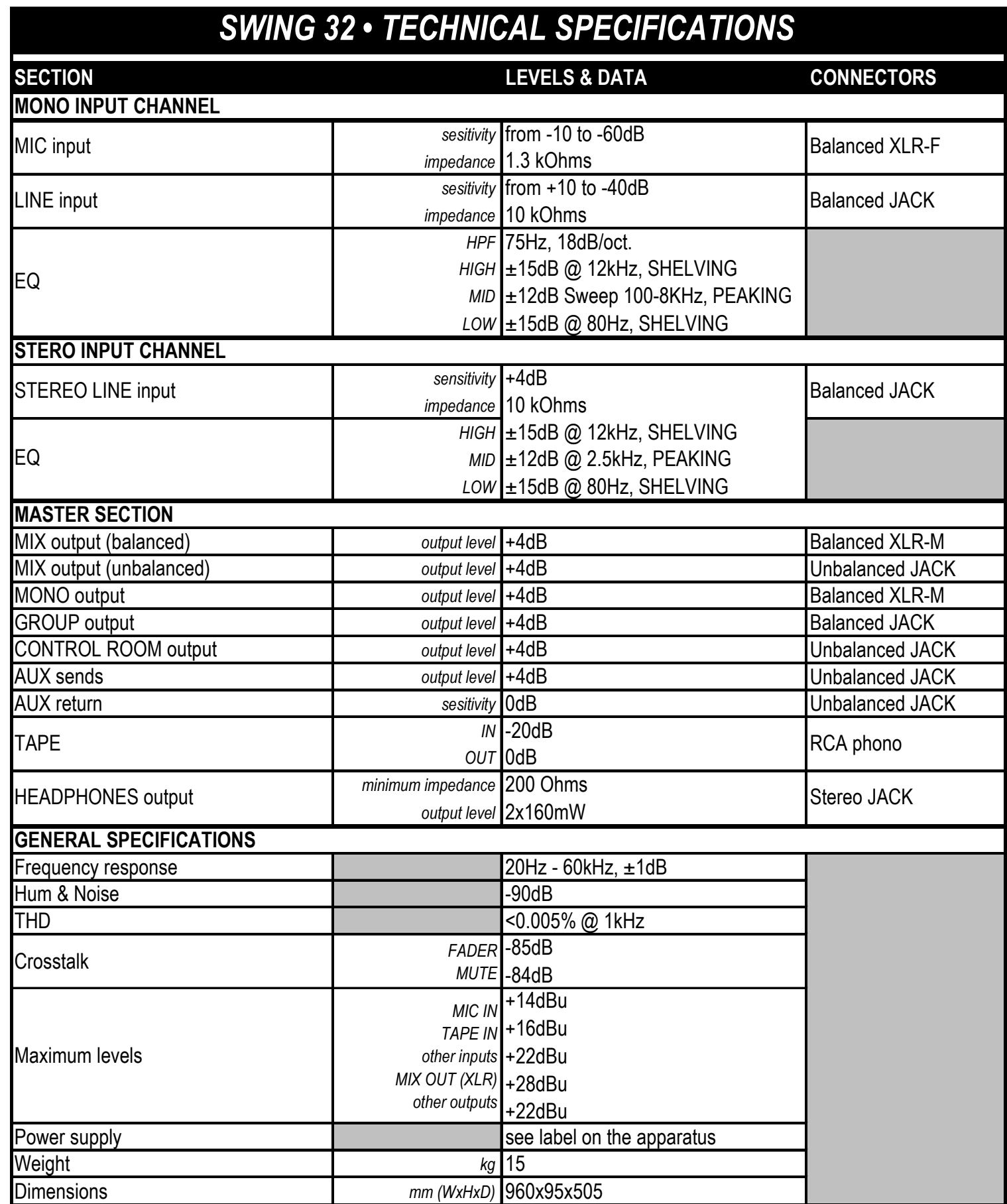
ATTENTION

Observe precautions when handling electrostatic sensitive devices.

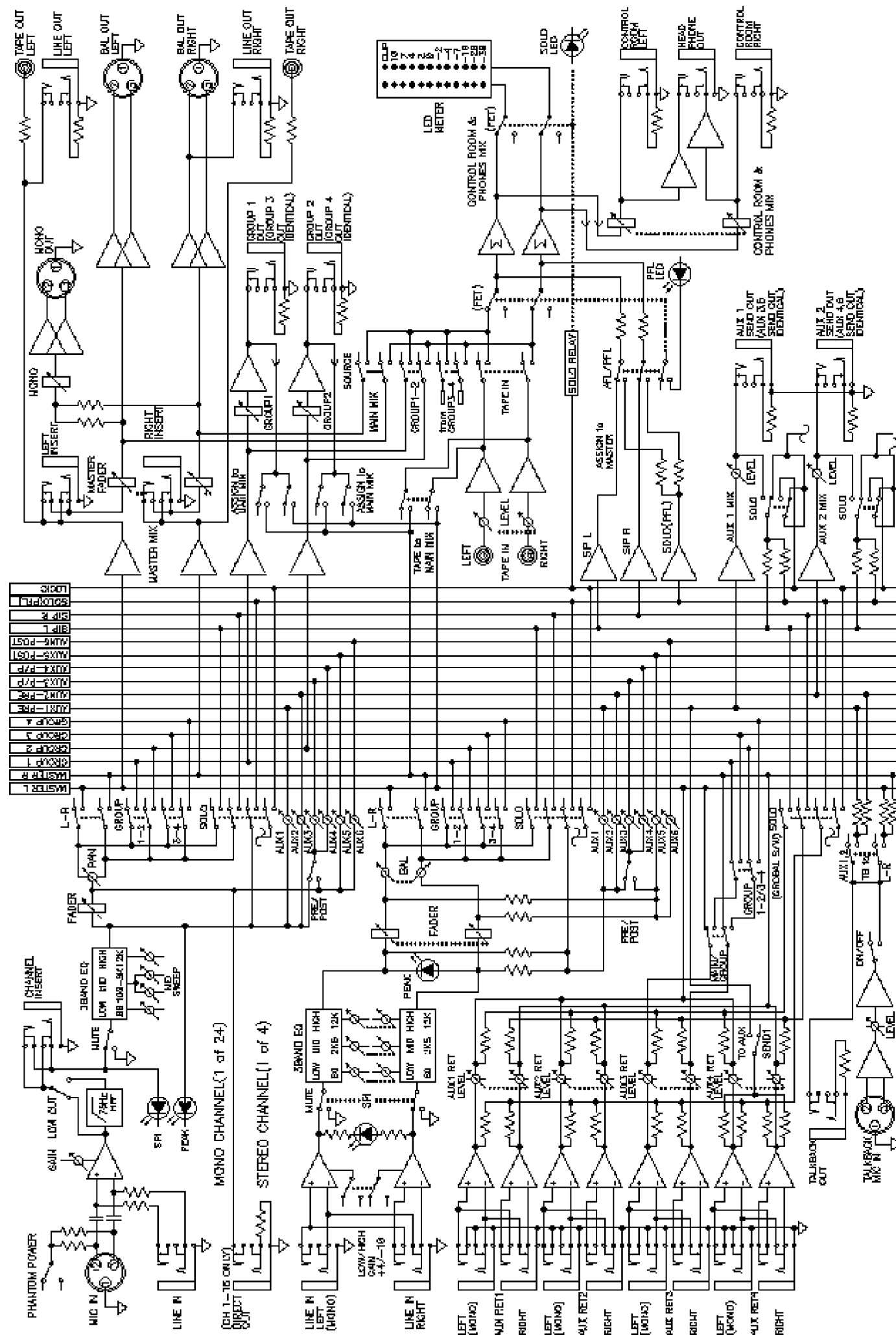
Address

 **GENERALMUSIC S.p.A. Sales Division: 47842 S.Giovanni in Marignano (RN) ITALY - Via delle Rose, 12**

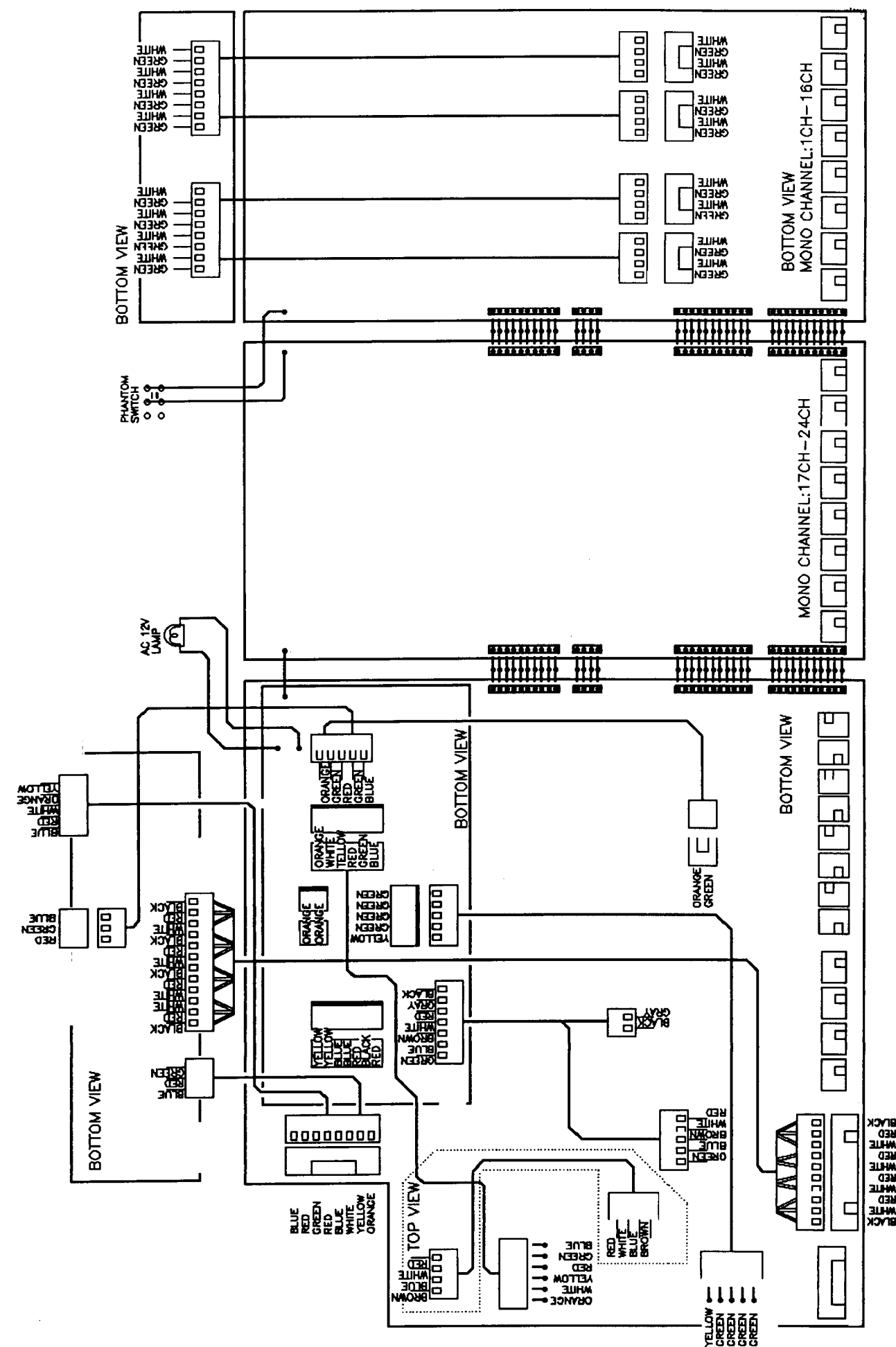
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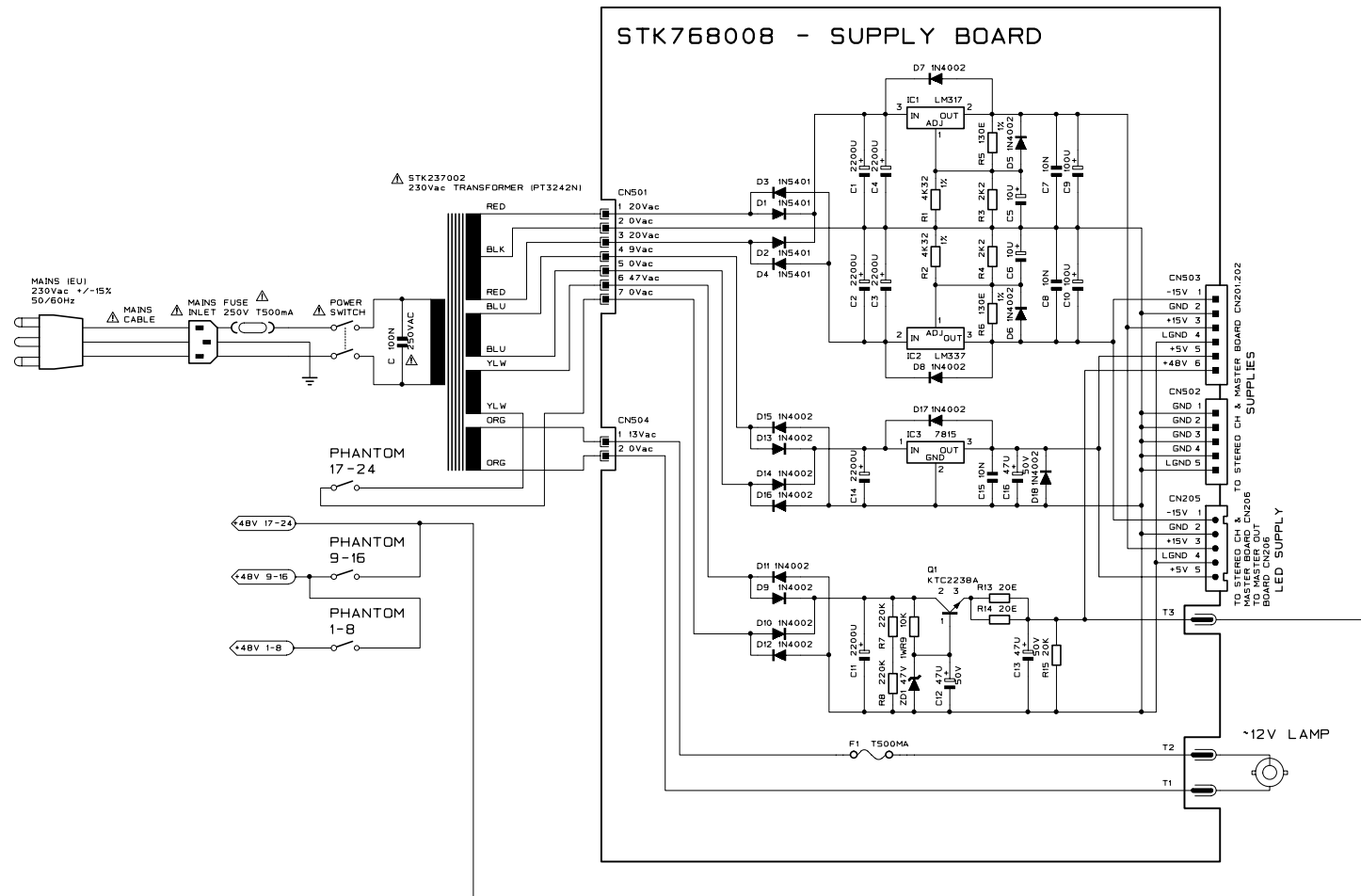


BLOCK DIAGRAM

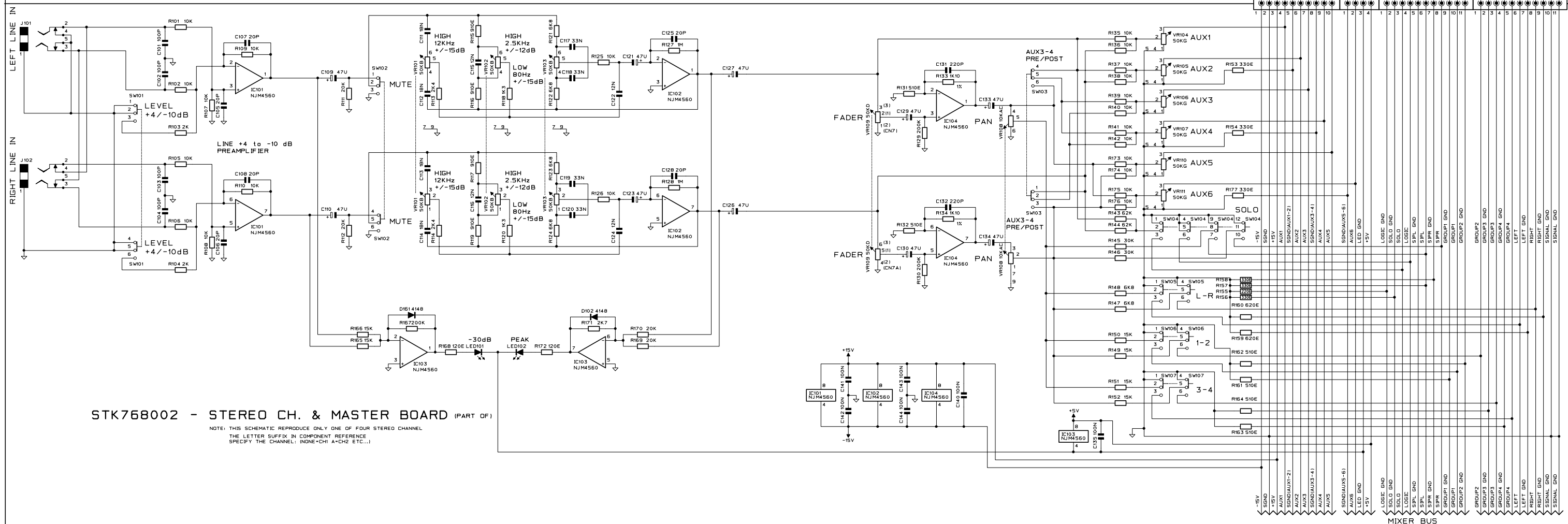
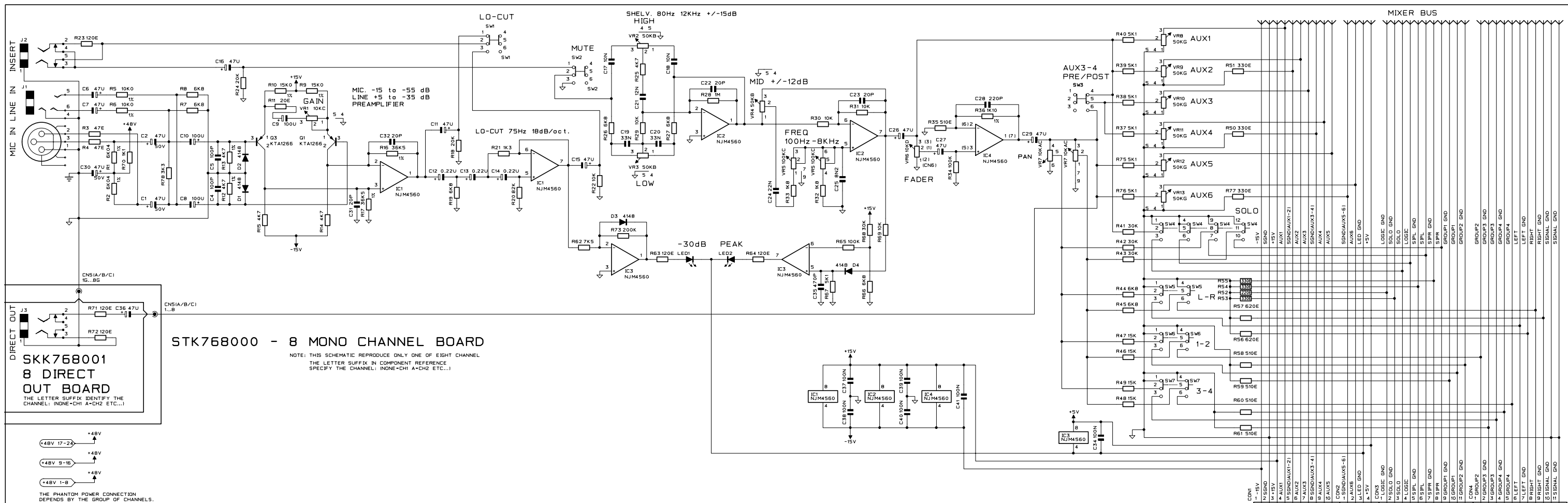


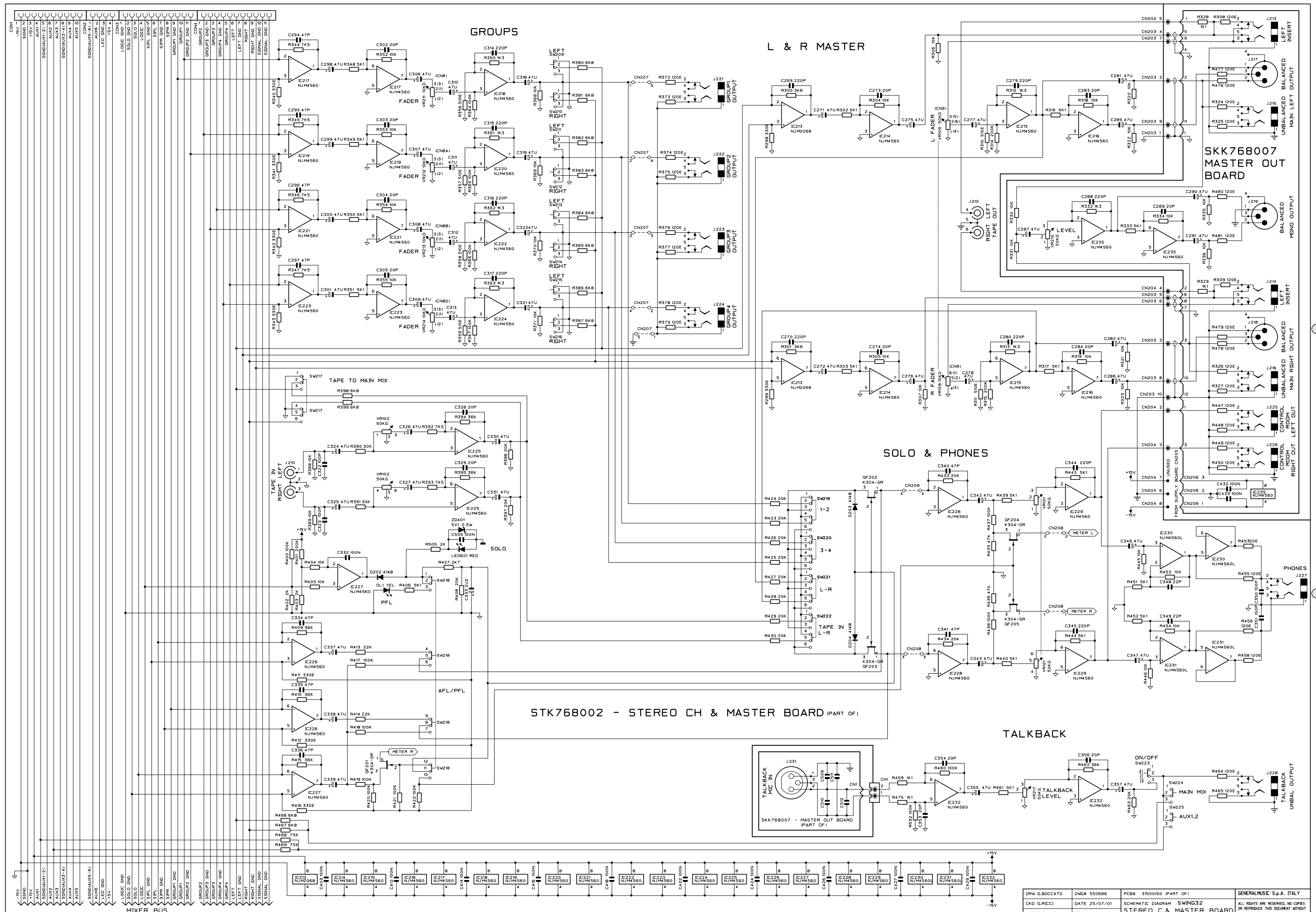
WIRING DIAGRAM



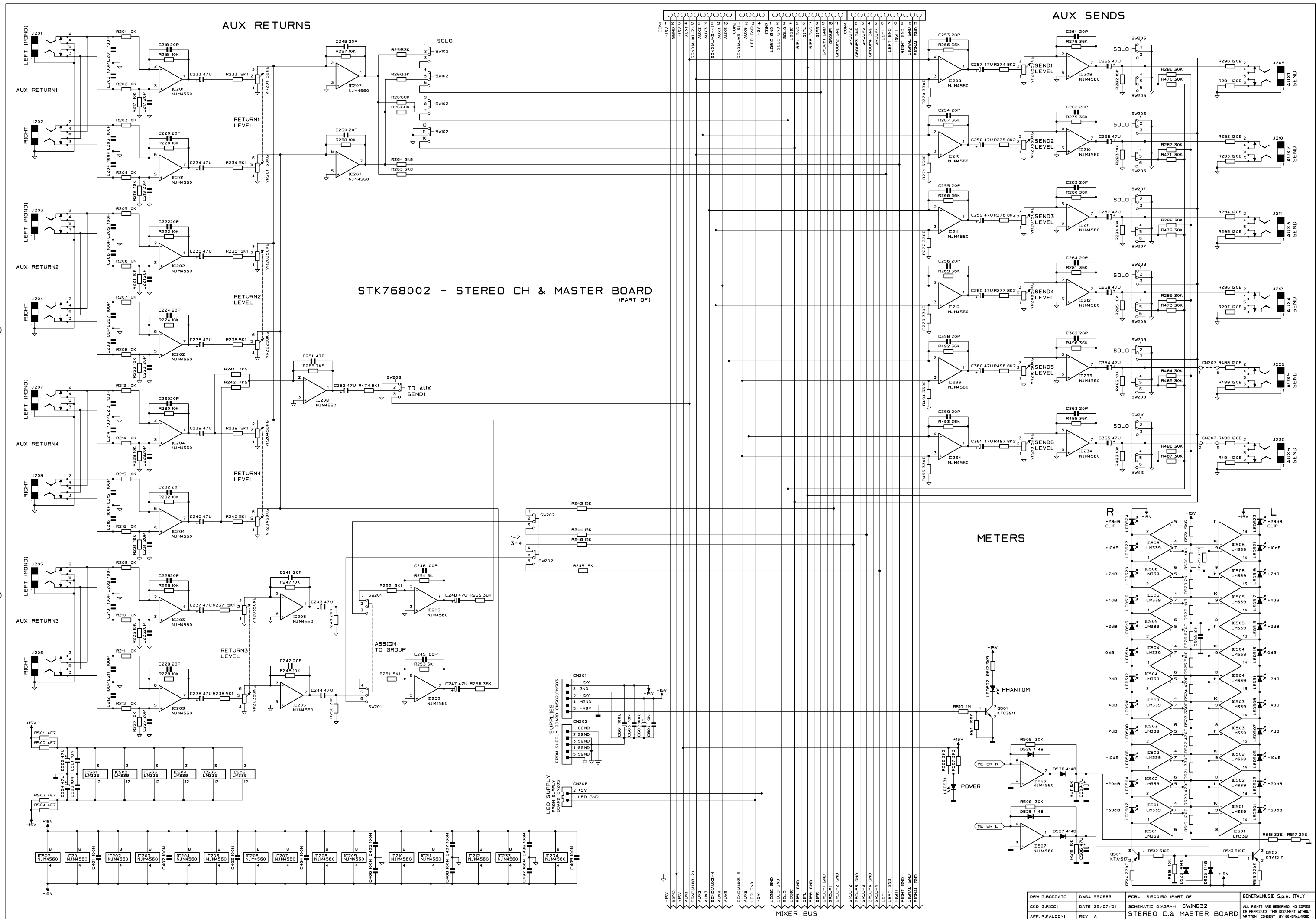


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SWING32 SPARE PART LIST

Code	Ref	Description
Accessories		
277381		Owner's Manual (English-Italian)
130297		Mains Cable (EU)
Mechanical Parts		
STK667016	29	Bottom Chassis
STK667015	8	Rear Top Chassis
STK667014	3	Front Top Chassis
STK657001	34	Left Side
STK657002	31	Right Side
STK657000	1	Front Bar
STK340008	27	Adhesive Rubber Foot
STK340000	5A	High Switch Actuator
STK340001	5B	Low Switch Actuator
STK340002	6A	Red Knob
STK340003	6B	Blue Knob
STK340004	6C	Gray Knob
STK340005	6D	Yellow Knob
STK340006	6E	White Knob
STK340011	4	Slider Knob for 100mm Slider Pot
STK140001		U Contact Strip (Specify contacts)
Mains Assembly		
STK110600	10	Mains Inlet with 5x20mm Fuse Holder
110017		T500mA Fuse 5x20mm (EU)
STK110285	9	4A 250Vac Bipolar Power Switch
STK110203	12	Black Bipolar Switch
STK237002	17	Shielded Transformer (PT3242N) 230Vac/20+20/8/47Vac
Supply Board		
STK768008	25	Supply Board (pcb#31500140)
STK030653	*	470u 63V 20% Vert Electrolytic Capacitor
STK030805	*	2200u 25V 20% Vert Electrolytic Capacitor
STK100066	*	LM317 1.2-37V 1.5A Adjustable Regulator
STK100067	*	LM337 1.2-37V 1.5A Adjustable Regulator
STK100059	*	7805 +5V 1A Voltage Regulator
STK090002	*	KTC2238AY Npn Transistor
340079	*	TO220 Mica Washer
STK080156	*	1N4002 1A 100V Rectifier Diode
STK080167	*	1N5403 3A 300V Rectifier Diode
STK080201	*	1N4756A 47V 1W 5% Zener Diode
8 Mono Channel Board		
STK768000	30	8 Mono Channel Board (Pcb#31500110)
STK140000	*	Vertical Jack Stereo Female Socket
STK141001	*	Vertical Female XLR-Jack Combo Socket
STK075001	*	10KC Rotary Potentiometer with Central Click
STK074000	*	50KB Rotary Potentiometer with Central Click
STK075002	*	10KA+10KC Rotary Potentiometer with Central Click
STK074001	*	50KG Rotary Potentiometer with Central Click
STK073000	*	10KD 100mm Slider Potentiometer
STK090000	*	KTA1266Y TO92 LN Pnp Transistor
STK110200	*	4sw 2pos Vertical Slider Switch
STK110201	*	2sw 2pos Vertical Slider Switch
STK110202	*	2sw 2pos Vertical Slider Switch (SW1)
080103	*	1N4148 100mA 75V Signal Diode
STK081000	*	PMLL4148 Smd 100mA 75V Signal Diode
STK080700	*	3mm Diffused Red Led
STK080701	*	3mm Diffused Green Led
STK106000	*	NJM4560M SOIC Dual Operational Amplifier
8 Direct Out Board		
STK768001	19	8 Direct Out Board (Pcb#31500150)
STK140000	*	Vertical Jack Stereo Female Socket
Stereo & Master Board		
STK768002	26	Stereo & Master Board (Pcb#31500120)
STK140000	*	Vertical Jack Stereo Female Socket
STK140201	*	Vertical Rca Quad Female Socket
STK074004	*	2x50KB Rotary Potentiometer with Central Click
STK074000	*	50KB Rotary Potentiometer with Central Click
STK075002	*	10KA+10KC Rotary Potentiometer with Central Click
STK074001	*	50KG Rotary Potentiometer with Central Click
STK073000	*	10KD 100mm Slider Potentiometer
STK073005	*	2x50KD 100mm Slider Potentiometer
STK110200	*	4sw 2pos Vertical Slider Switch
STK110201	*	2sw 2pos Vertical Slider Switch
STK110202	*	2sw 2pos Vertical Slider Switch (SW1)
STK110204	*	Vertical Push Button (Talkback)
STK090001	*	2SK30AGR TO92 LN N-Channel Jfet
STK080232	*	5V1 0.5W 5% Zener Diode
STK081000	*	1N4148 100mA 75V Signal Diode

STK080700	*	3mm Diffused Red Led
STK080701	*	3mm Diffused Green Led
STK080702	*	3mm Diffused Yellow Led
STK080703	*	5mm Diffused Red Led
STK106000	*	NJM4560M SOIC Dual Operational Amplifier
STK106001	*	NJM2068M SOIC LN Dual Operational Amplifier
STK106002	*	LM339 SOIC Quad Comparator
STK100000	*	NJM4560L SIP8 Dual Operational Amplifier

Master Out Board		
STK768007	18	Master Out Board (Pcb#31500130)
STK140000	*	Vertical Jack Stereo Female Socket
STK141002	*	Vertical Male XLR Socket
STK074001	*	50KG Rotary Potentiometer with Central Click
STK106000	*	NJM4560M SOIC Dual Operational Amplifier

Note:	
-	All dimensions are in mm unless otherwise specified.
-	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 name, 3) Module code, 4) Reference name, 5) Quantity number.