



service manual

schematic diagrams



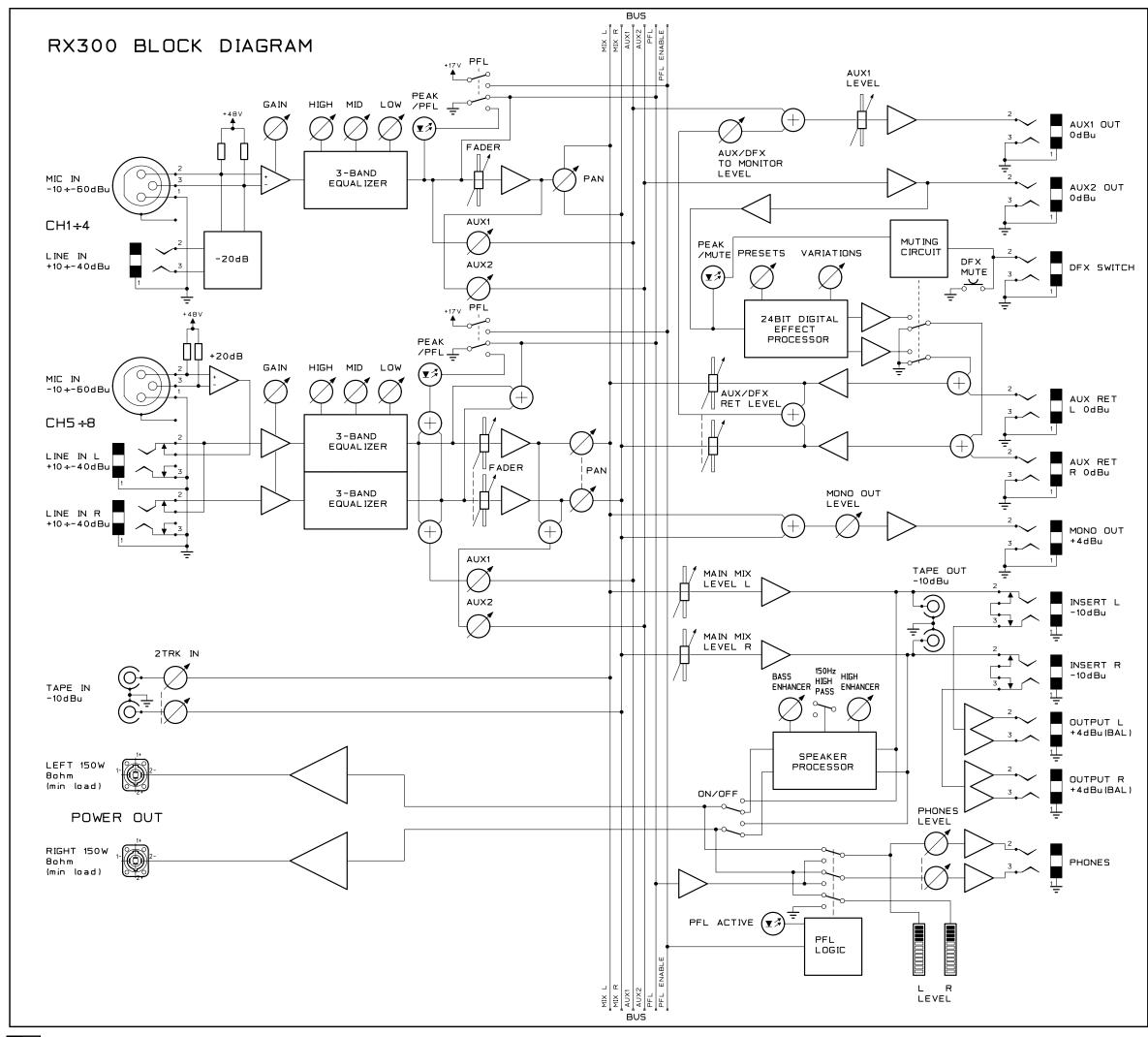
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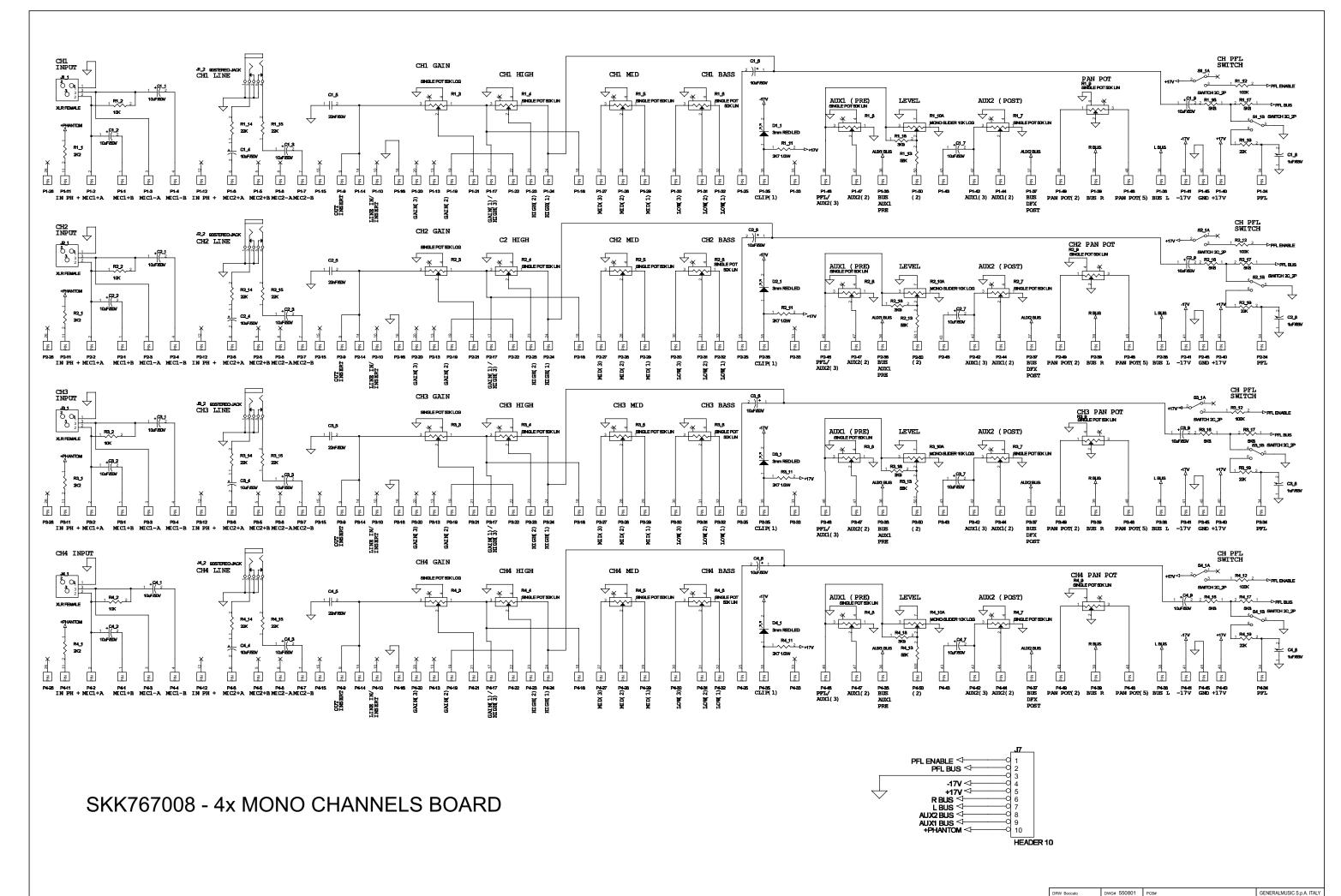
- 2 Block diagram.
- 3 4x mono channels board.
- 4 Stereo channels & master board (part 1 of 3) "stereo channels".
- 5 Stereo channels & master board (part 2 of 3) "supply, aux, dfx".
- 6 Stereo channels & master board (part 3 of 3) "pfl, meter, phones, master".
- 7 2x 150W power amplifier board.
- Mains & transformer circuit Digital effect dual control board.
- 9 Mono channel board Half stereo channel board.
- Summing amplifier board 8led v-meter driver board.
- Stereo output board Spare Part List.

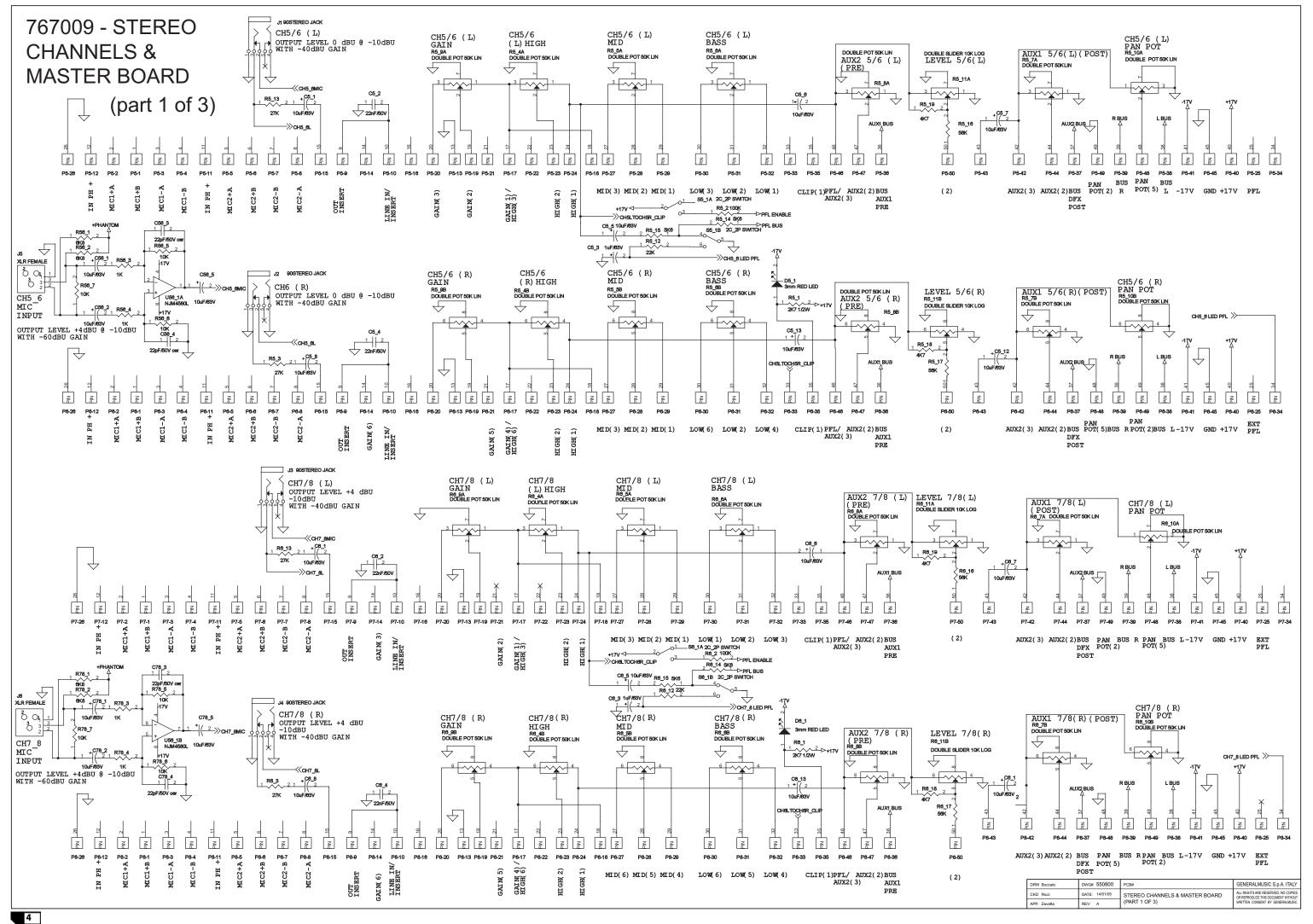
Notice Service must be carried out by qualified personnel only. Any tampering carried out by unqualified personnel during the guarantee period For a correct operation of the instrument, after having switched off, be careful to wait at least 3 seconds before switching on again. To improve the device's 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. ◆ Supply voltage. ← Soldering point. ▲ Logic supply ground. Test point. _ Analog supply ground. Male connector. 5- Female connector. Flag joined with one or more flags M/F faston connector. with the same signal name inscribed Earth ground. **ATTENTION** Observe precautions when handling electrostatic sensitive devices.

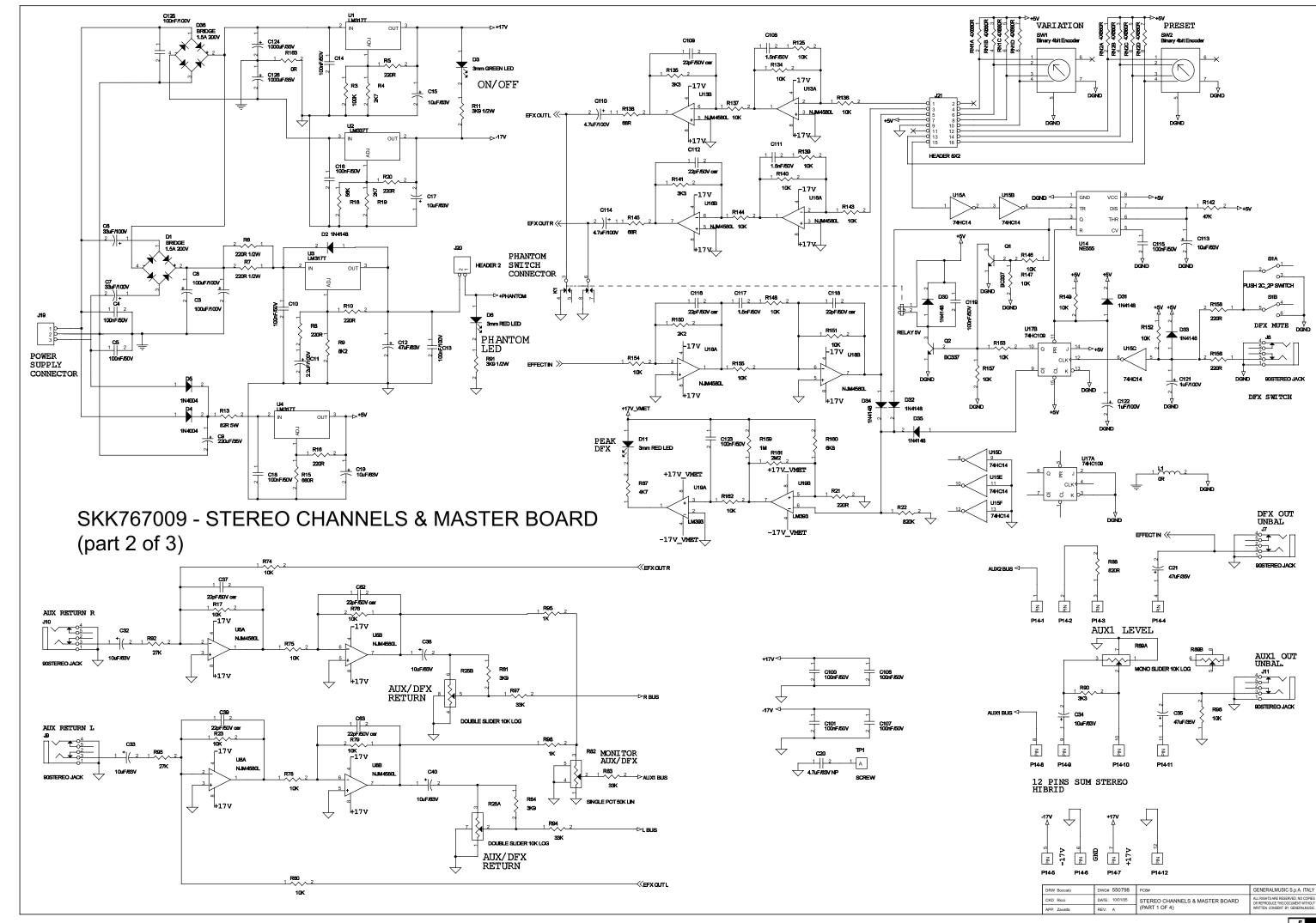
GENERALMUSIC S.p.A. Sales Division: 47842 S.Giovanni in Marignano (RN) ITALY - Via delle Rose, 12
Phone +39(0)541/959511 - Fax +39(0)541/957404 - Internet: www.generalmusic.com

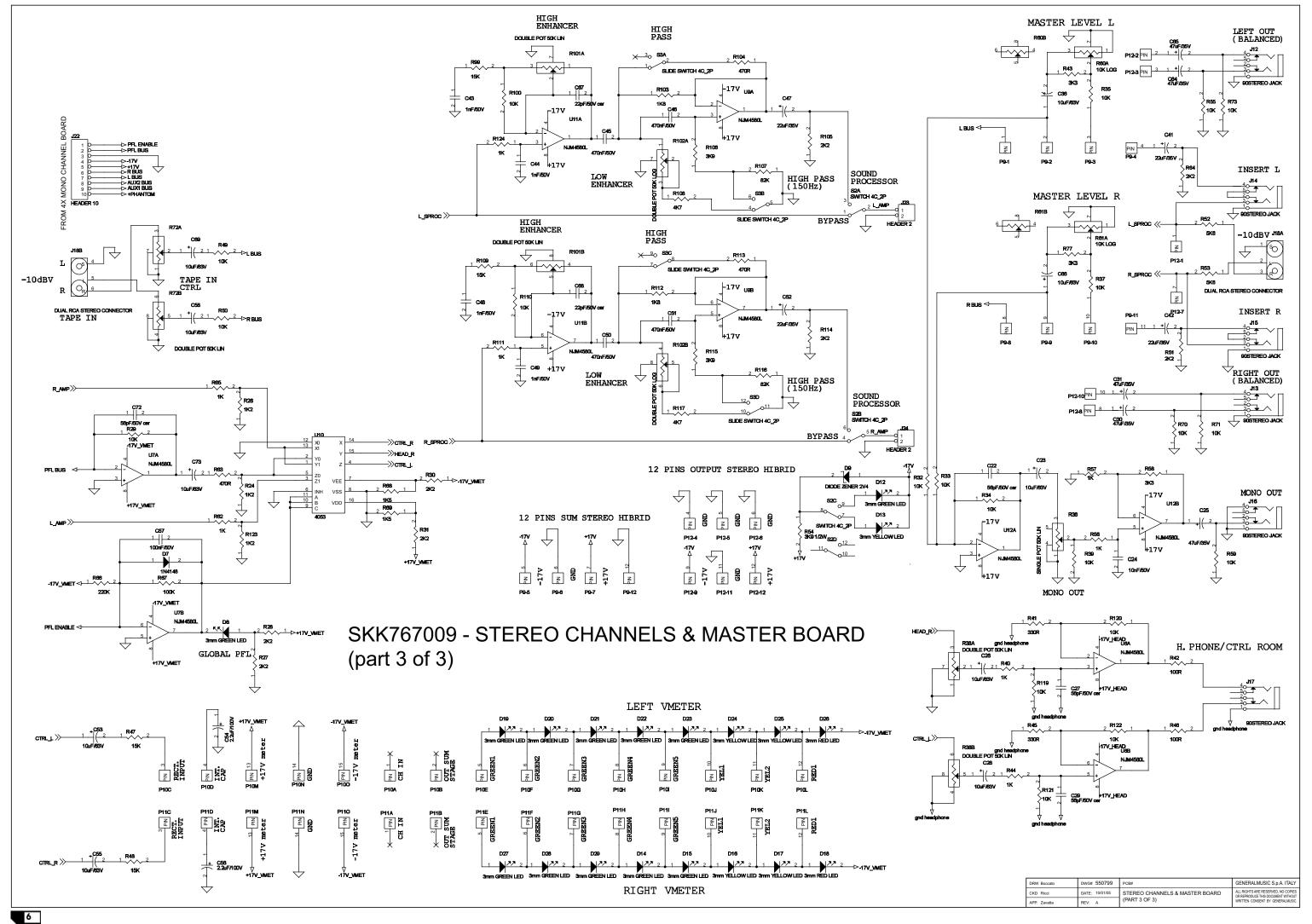
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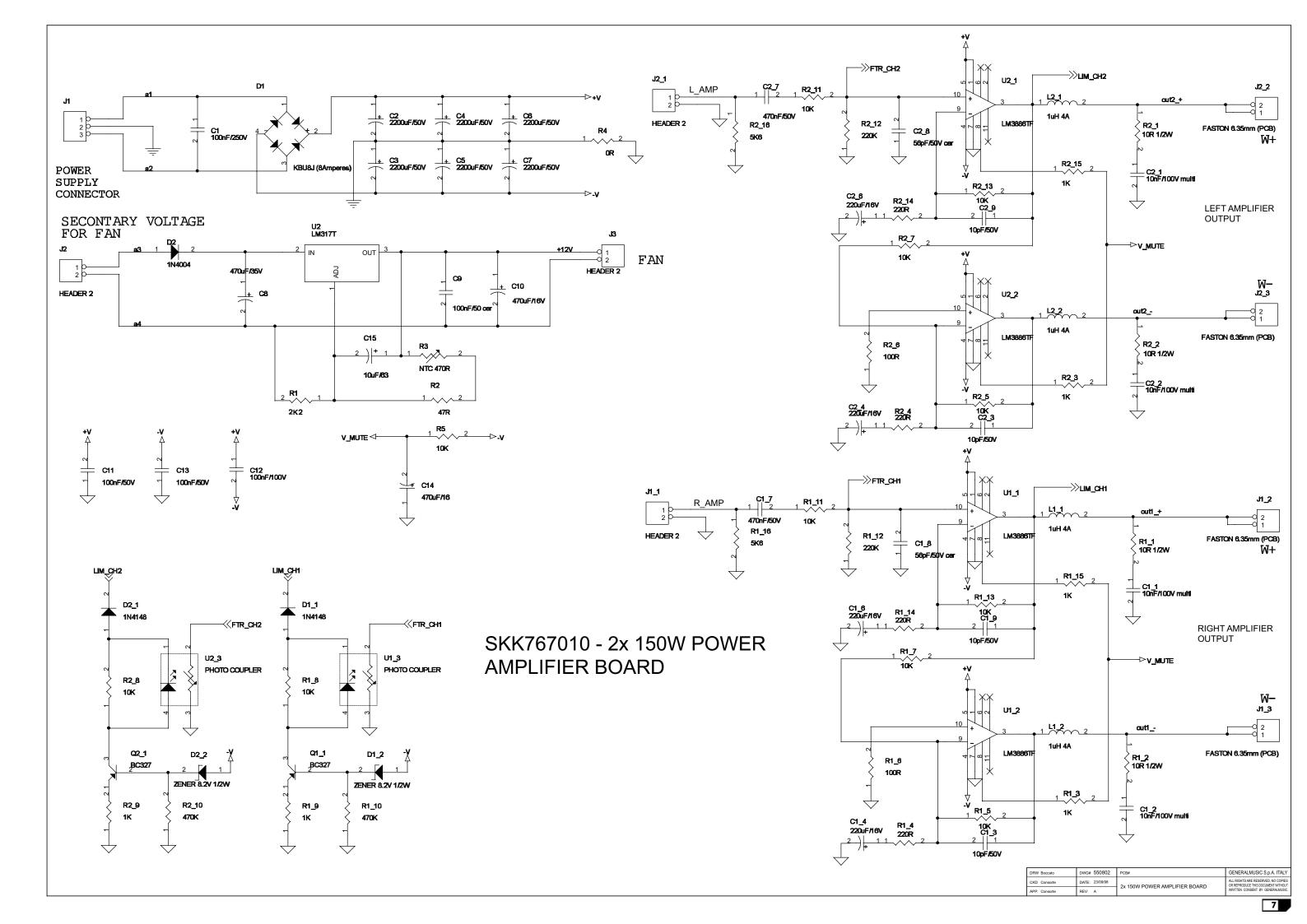


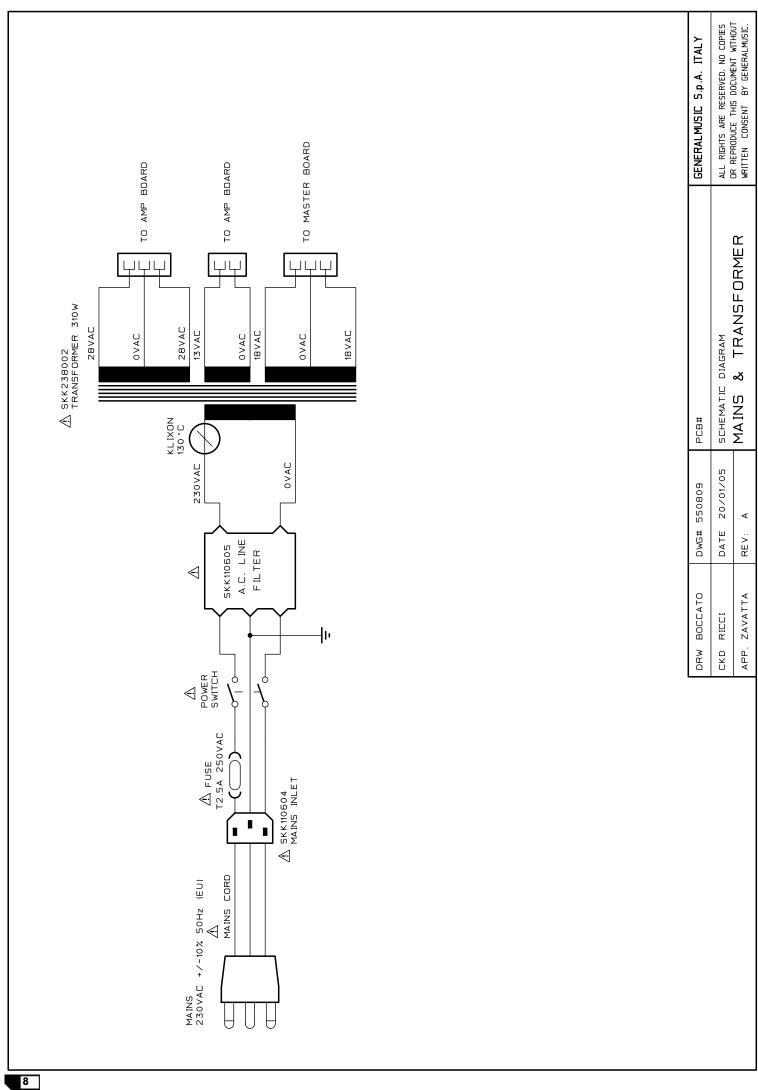


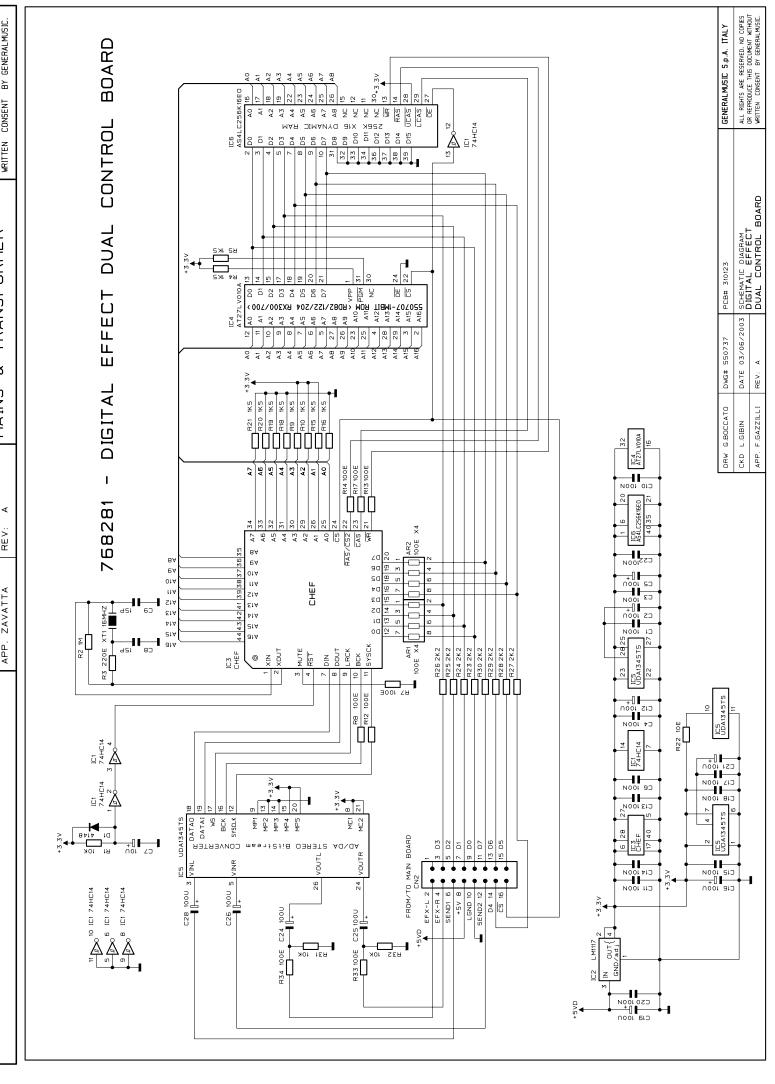


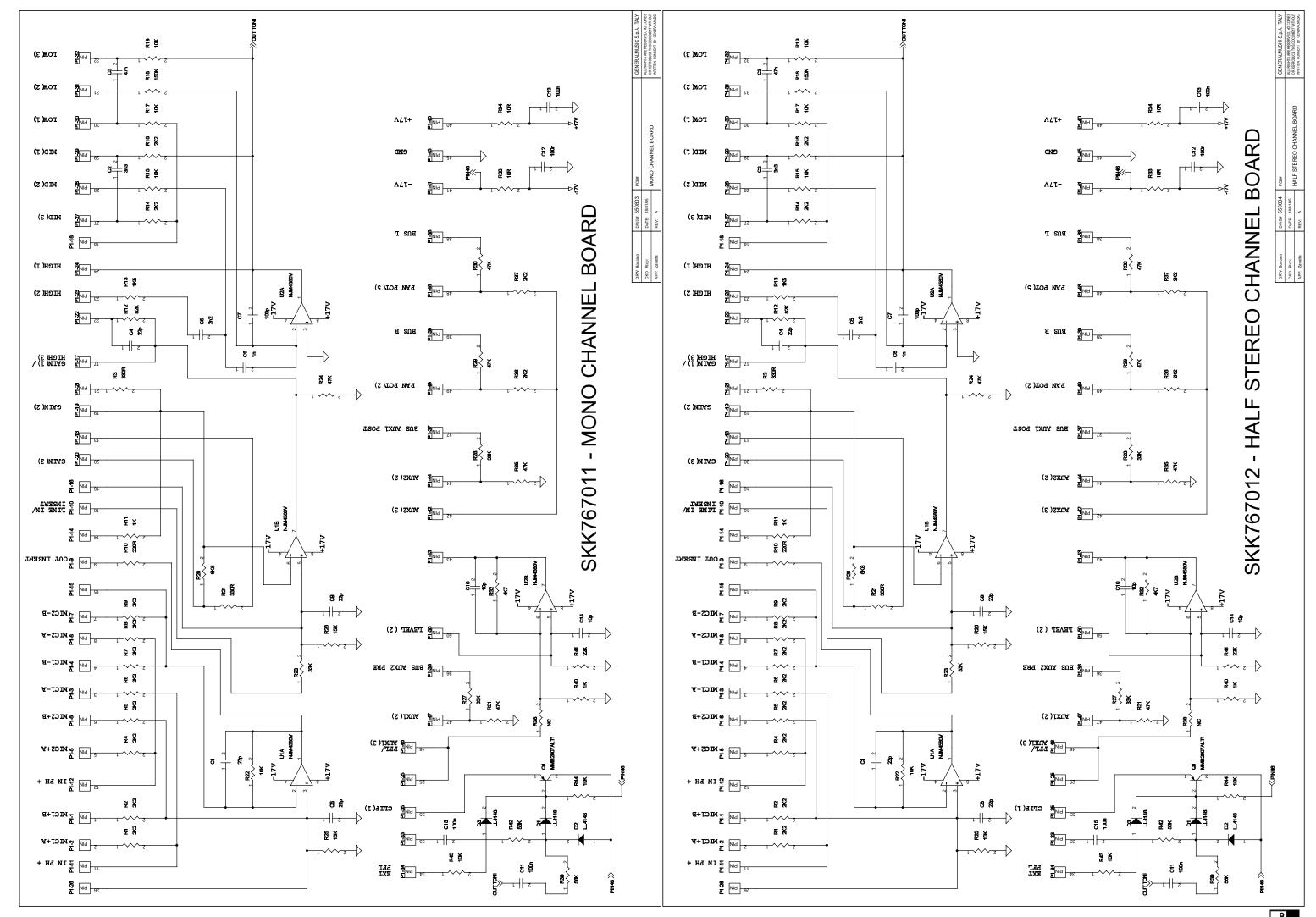


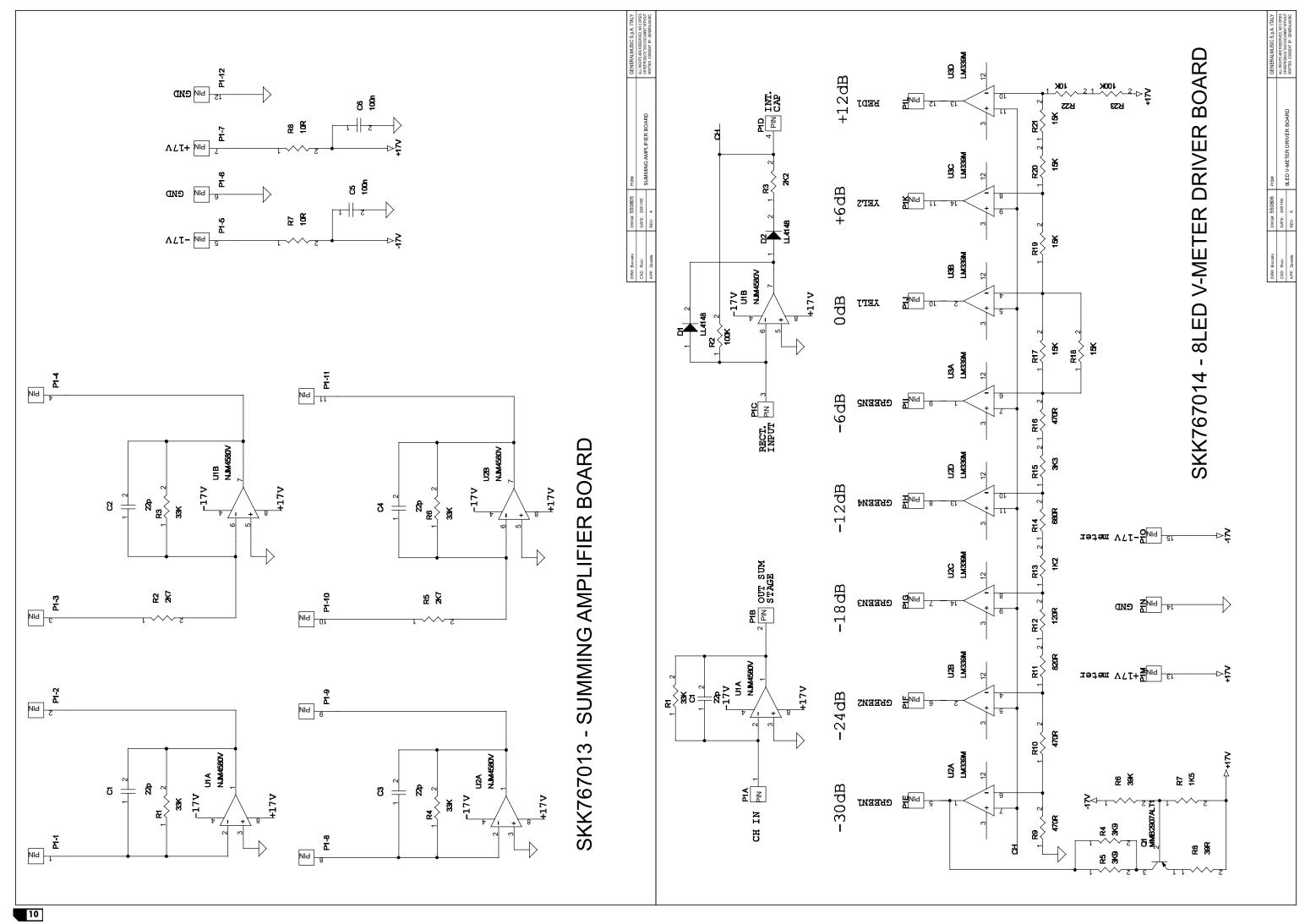


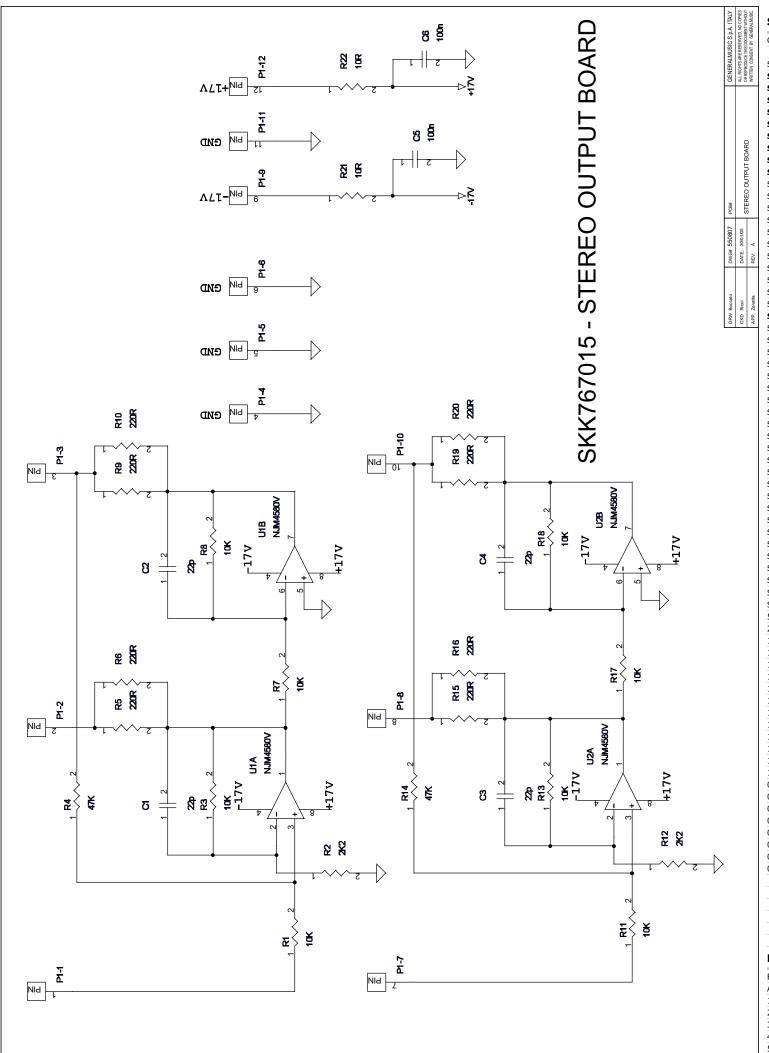












Spare Part List

	RX300 Carrying Bag
	Digital Effect Dual Control Board (pcb#313123)
	Stereo Output Board
	8led V-meter Driver Board Summing Amplifier Board
	Half Stereo Channel Board
	Mono Channel Board
	2x150W Power Amplifier Board
	Stereo Channel & Master Board
	4x Mono Channel Board Right Plastic Handle
	Left Plastic Handle
KK347028	Circular Gray Button
KK347027	Red/White Slider Knob
KK347026 KK347021	Gray/White Slider Knob Black Potentiometer Knob
KK347021	Red Potentiometer Knob
KK347019	Blue Potentiometer Knob
KK347018	White Potentiometer Knob
KK347017	Elliptical Gray Button
KK347016	14mm Gray/White Rotary Knob 310W 230V Transformer
KK141200	Speakon Socket
KK140010	Jack Vertical Stereo Socket
KK140008	Quad Vertical Female RCA Socket
KK140007	Vert Female XLR Socket
KK110605 KK110604	6A 250V YK06T1 Mains Filter 10A 250V Mains Socket with Fuse
KK110004	12Vdc 80x25mm Fan
KK110300	Relay 5V / 2 Switch 1A 120Vac
KK110010	6A 250Vac Unipolar Power Switch (Phantom)
KK110008	4 Pole Vert Latching Push Switch
KK110007 KK110006	2 Pole Vert Latching Push Switch 2 Pole Vert Momentary Push Switch
KK110005	Hex Binary Encoder
KK100008	NJM4580L LN Dual Op.Amp. SIP8
KK080801	NTC
KK080708	3mm Yellow Led
KK080707 KK080706	3mm Red Led 3mm Green Led
KK075005	2x50KA Vert Rotary Potentiometer (stereo gain)
KK075004	50KA Vert Rotary Potentiometer (mono gain)
KK074007	2x50KB Vert Rotary Potentiometer with Cclick (stereo pan/eq)
KK074005 KK073005	50KB Vert Rotary Potentiometer with Cclick (mono pan/eq)
KK073003	10KDX2 45mm Slider Potentiometer (stereo fader) 10KD 45mm Slider Potentiometer (mono fader)
	7LV010A-70JC 1MBit Otprom RX300
77410 Owr	
	250Vac Bipolar Power Switch
	886TF 68W Power Amplifier TF11B 93 Dual Comparator
	C109 Dual J-/K Flip-Flop
	C14 Hex Inverter Schmitt Trigger
	4053 3x2ch Analog Multiplex
	37T TO220 1.2-37V 1.5A Adjustable Regulator
	17T TO220 1.2-37V 1.5A Adjustable Regulator
	5 +15V 1A Voltage Regulator 5 +5V 1A Voltage Regulator
00059 780. 00057 NE5	
	5 -15V 1A Voltage Regulator
	27 TO92 Pnp Transistor
	37 TO92 Npn Transistor
	8D 8A Rectifier Diodes Bridge 02 4A 200V Rectifier Diode Bridge
	1W 5% Zener Diode
	M 1.5A Rectifier Diodes Bridge
	002 1A 100V Rectifier Diode
80103 1N4	148 100mA 75V Signal Diode

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

- 1) Model name,
- 2) Section name,
- 3) Module code,
- 4) Reference name,