

DM
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SERVICE MANUAL

Schematic Diagrams



CODE : 270201



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

← Soldering point.

• Male connector.

○ Female connector.

⊢ M/F faston connector.

⊞ Test point.

⬭ Flag joined with one or more flags with the same signal name inscribed.

⬆ Supply voltage.

⬇ Logic supply ground.

⬇ Analog supply ground.

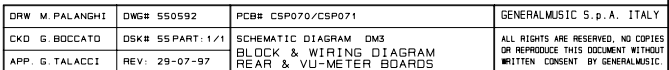
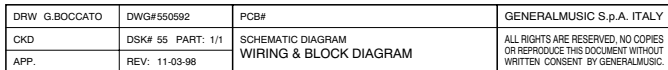
⬇ Signal ground.

⬇ Chassis ground.



ATTENTION

Observe precautions when handling electrostatic sensitive devices



SPARE PART LIST

ACCESSORIES

<i>Code</i>	<i>Ref.</i>	<i>Description</i>
951086		AC/AC Adapter 230Vac (Europe Version)
951100		AC/AC Adapter 115Vac (US Version)

MAIN BOARD

<i>Code</i>	<i>Ref.</i>	<i>Description</i>
768171	CMO121	MASTER BOARD (CSP071)
	* POT008	RV142-40 100KB GM POT.
	* POT009	RV142-40 100KB GM CENTER CLICK POT.
	* POT028	RA60-20 10KA GM POT.
100061	* ICS011	TL072 DUAL OP. AMPL.
100084	* ICS012	TL074 QUAD. OP. AMPL.
	* ICS023	TDA2822M DUAL POWER AMPL.
	* DEV007	2V 2P SMK PUSH SWITCH
	* DEV014	4V 2P SMK PUSH SWITCH
	* TRN028	JFET BF254
090194	* TRN011	PNP TO92 BC560C
	* CON053	6 Contacts Male Connector
	* CON131	10 Contacts Male Connector
080705	* LED014	RED LED (3mm)
	* CON034	Streo Jack
080293	* DIO065	15V 1/2W Zener
347355	*	Gray/Red Switch Cap
347357	*	Gray/Yellow Switch Cap
347354	*	Gray/Yellow Slider Knob
347365	*	Gray/Blu Knob
347363	*	Gray/Red Knob
347366	*	Gray/White Knob

REAR BOARD

<i>Code</i>	<i>Ref.</i>	<i>Description</i>
768172	CMO122	REAR BOARD (CSP072)
	* ICS001	LM7815 1.5A VOLTAGE REGULATOR
	* ICS002	LM7915 1.5A VOLTAGE REGULATOR
100061	* ICS011	TL072 DUAL OP. AMPL.
	* CON017	VERTICAL RCx4
	* CON053	MICS6 Connector LUMBERG
	* CON131	10 Contacts Male Connector
	* CON135	3 Contacts Male Connector
110113	* FUS001	5x20 FUSE CLIP
	* CON 151	5 Contacts DIN Socket
	* DIO099	1N4148 SIGNAL DIODE
080168	* DIO010	W02M 1.5A BRIDGE DIODE

VU-METER BOARD

<i>Code</i>	<i>Ref.</i>	<i>Description</i>
768156	CMO106	VU-METER BOARD (CSP070)
	*	TRIMMER 22K OR P10
080706	* LED016	GREEN LED
080710	* LED015	YELLOW LED
080705	* LED014	RED LED
100927	* ICS024	LB1412
	* DEV007	2V 2P SMK Switch [1/2]
	* CON135	MX254W03 Vertical Connector
	* CON053	MICS6 Connector LUMBERG

CROSSFADER BOARD

<i>Code</i>	<i>Ref.</i>	<i>Description</i>
768158	CMO108	CROSSFADER BOARD
	* CON053	MICS6 Connector LUMBERG
	* POT029	60mm 2x100kW Slider Pot.
347354	*	Gray/YellowSlider Knob