

SERVICE MANUAL



▲ CODE: 270221 ▼

Technical Specifications

			K 3	K 6	K L
COMPONENTS	High Low		1" driver coaxial 12" woofer	1.5" driver coaxial 15" woofer	15" woofer
POWER (EIA RS-426A)	High Low Full range	W continuous / W peak	50 / 100 300 / 600 300 / 600	75 / 150 600 / 1200 600 / 1200	600 / 1200 600 / 1200
IMPEDANCE	High Low Full range	Ohms (nominal)	8 8 8	8 8 8	8
SENSITIVITY (SPL 1W/1m)	High Low Full range	dB	102 100 100	104 100 100	98
MAX SPL continous	High Low Full range	dB	114 120 121	120 123 124	115
MAX SPL peak	High Low Full range	dB	117 123 124	123 126 127	118
FREQUENCY RESPONSE		Hz (-10dB)	60-20000	50-20000	40-250
DISPERSION HxV		°	60x60	60x60	
Internal PASSIVE CROSSOVER		Hz	1,8kHz at 12-18dB/oct.	1,4kHz at 12-18dB/oct.	250 at 12dB/oct.
CONSTRUCTION			12-ply plywood enclosure with scratch-resistant paint. Metal grid with polyurethane protection panel. 2 hanging points for M8 threaded hardware. K6 PRO e KL PRO: 4 six-position flying bars.		
CONNECTIONS			2 4-way SPEAKON (input + link)		
DIMENSION		mm (WxHxD)	542x496x537	542x656x537	542x656x537
WEIGHT		kg	24	35 (37 K 6 Pro)	30 (32 K L Pro)

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

⊥ Chassis ground.

⊔ M/F faston connector.

with the same signal name inscribed.

⊥ 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 - tel. 0541/959511 - fax 0541/957404
GENERALMUSIC on the NET: <http://www.generalmusic.com>

Spare Parts List

Code	Description
Accessories	
277327	Owner's Manual
190137	5mm Hexagonal Rod Spanner
120142	M6x35mm Screw with hex-head

K3

778135	Cables & Sockets Assembly
313015	* Socket Board (Pcb#313015)
141200	* Speakon Socket
110364	* 8sw 2pos Power Rotary Switch
768183	Filter Board (PCB#313051) The service is made only by replacement the entire board.
717059	Wooden Cabinet
667677	Metal Grid
347377	Front Panel
227053	12" Coaxial Speaker
190181	Pedals Clog
177676	Metal Grid Fixing

K6

778135	Cables & Sockets Assembly
313015	* Socket Board (Pcb#313015)
141200	* Speakon Socket
110364	* 8sw 2pos Power Rotary Switch
768184	Filter Board (PCB#313052) The service is made only by replacement the entire board.
717060	Wooden Cabinet
667678	Metal Grid
347378	Front Panel
227054	15" Coaxial Speaker
190181	Pedals Clog
177676	Metal Grid Fixing

KL

778137	Cables & Sockets Assembly
313015	* Socket Board (Pcb#313015)
141200	* Speakon Socket
110364	* 8sw 2pos Power Rotary Switch
768185	Filter Board (PCB#313053) The service is made only by replacement the entire board.
717061	Wooden Cabinet
667682	Metal Grid
347378	Front Panel
227055	15" Speaker
190181	Pedals Clog
177676	Metal Grid Fixing
177325	Bespeco Flange

K6 PRO

778135	Cables & Sockets Assembly
313015	* Socket Board (Pcb#313015)
141200	* Speakon Socket
110364	* 8sw 2pos Power Rotary Switch
768184	Filter Board (PCB#313052) The service is made only by replacement the entire board.
717064	Wooden Cabinet
667678	Metal Grid
347378	Front Panel
227054	15" Coaxial Speaker
190181	Pedals Clog
177673	Left Reinforcement Support for Flying Track
177672	Right Reinforcement Support for Flying Track
177671	Flying Track Support
177498	Anchor Bar
177325	Bespeco Flange
171221	Flying Track
171215	Flying Track Anchor

KL PRO

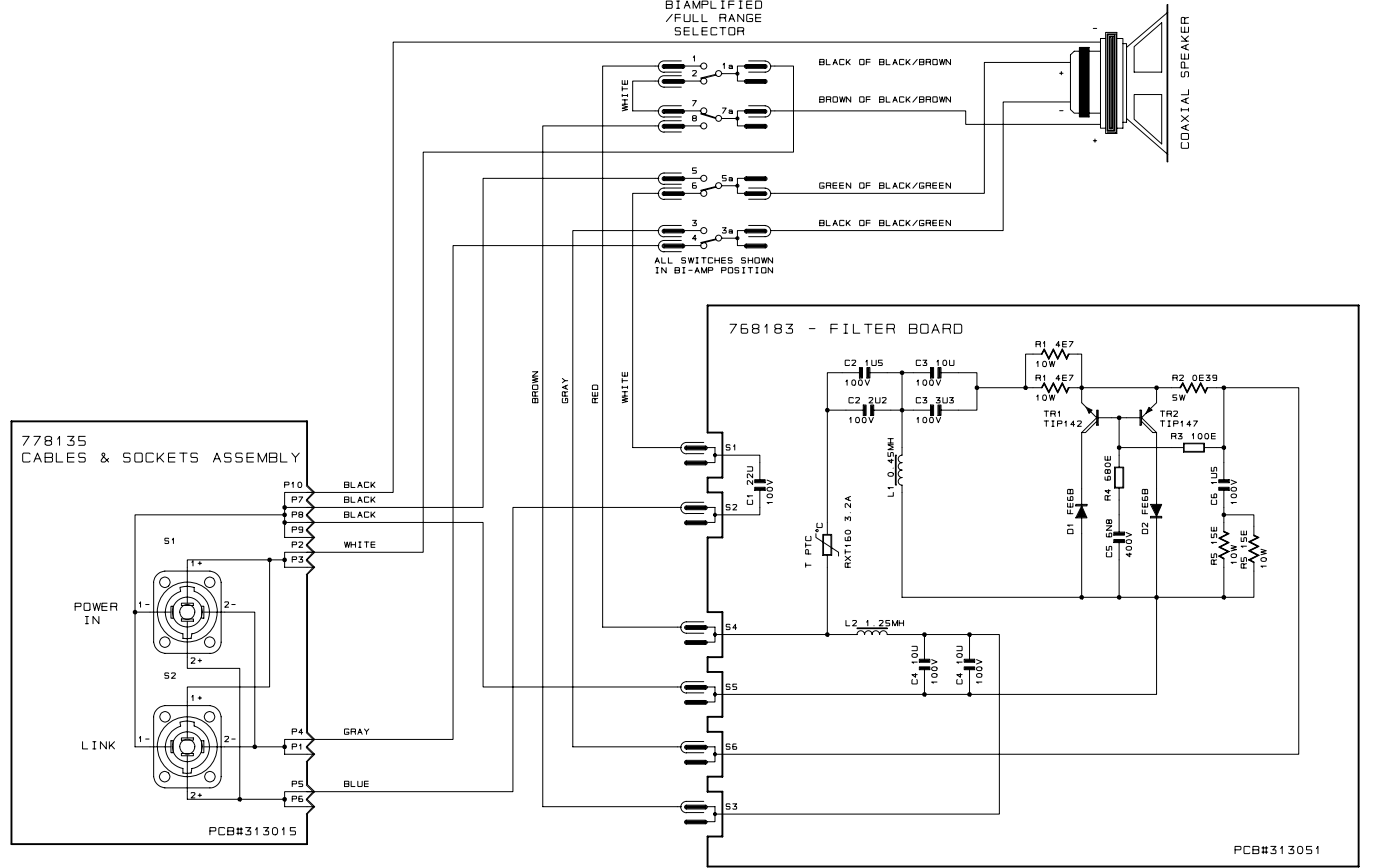
778137	Cables & Sockets Assembly
313015	* Socket Board (Pcb#313015)
141200	* Speakon Socket
110364	* 8sw 2pos Power Rotary Switch
768185	Filter Board (PCB#313053) The service is made only by replacement the entire board.
667682	Metal Grid

347378	Front Panel
227055	15" Speaker
210215	Adhesive Rubber Foam 10x1.9mm (Specify mt)
190181	Pedals Clog
177676	Metal Grid Fixing
177673	Left Reinforcement Support for Flying Track
177672	Right Reinforcement Support for Flying Track
177671	Flying Track Support
177498	Anchor Bar
177325	Bespeco Flange
171221	Flying Track
171215	Flying Track Anchor

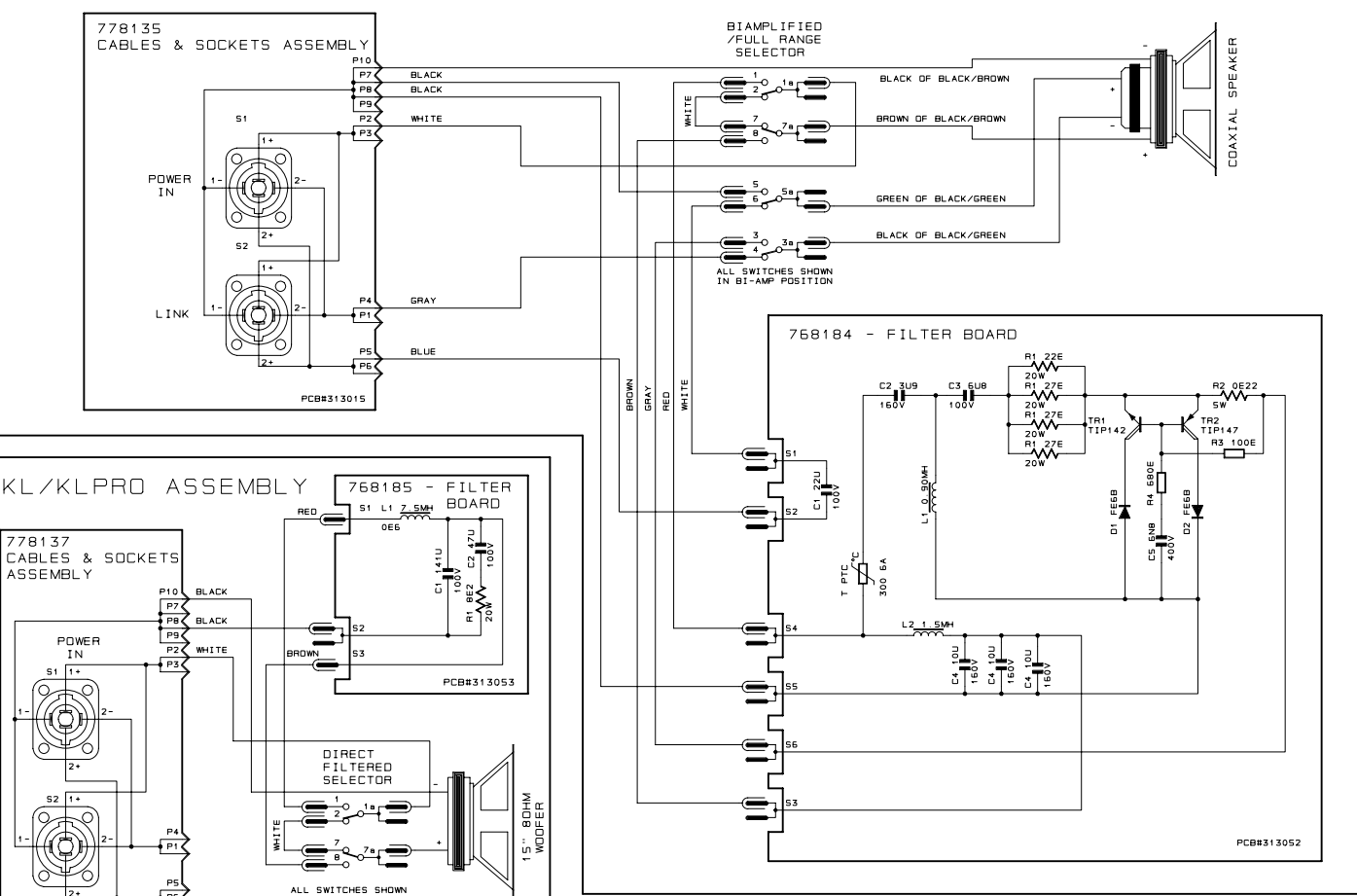
Note:

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 name,
3) Module code,
4) Reference name,
5) Quantity number.

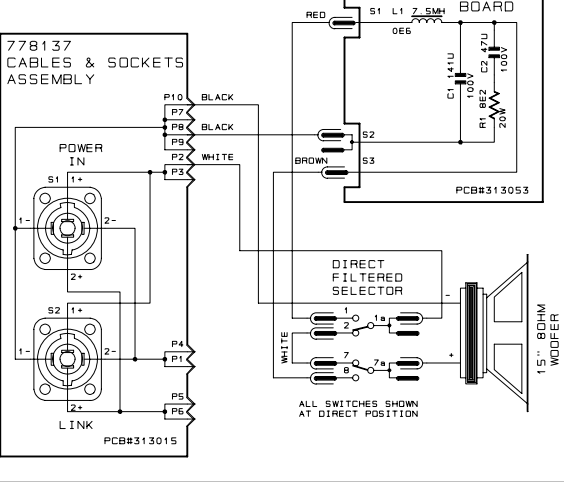
K3 ASSEMBLY



K6/K6PRO ASSEMBLY



KL/KLPRO ASSEMBLY



DRW G. RICCI	DWG# 550518	PCB#	GENERALMUSIC S.p.A. ITALY
CKDR MAGALOTTI	DSK# PART:	SCHEMATIC DIAGRAM K6 (Bohm)	ALL RIGHTS ARE RESERVED. NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APPC. ZUCCATTI	REV: 28/04/98	UNIVERSAL SPEAKER CABINET	