DM otto 8

DM sei 6

SERVICE MANUAL

Schematic Diagrams

GENERALMUSIC

CODE : 270202

Block Diagram 3

Spare Part List 12

DM8

Master Board, VU-Meter PFL Module 4

Out-Balance Boards 5

Phono-Line Board, Mic-Line Board 6

Mic-Line DJ Board, VU-Meter Module 7

DM6

8

Mic-Line Boards 9

Phono-Line Boards 10

Out-Balance Boards 11

⚠ Notice

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

Schematic Notes

⚠ manufacturer's specified parts.

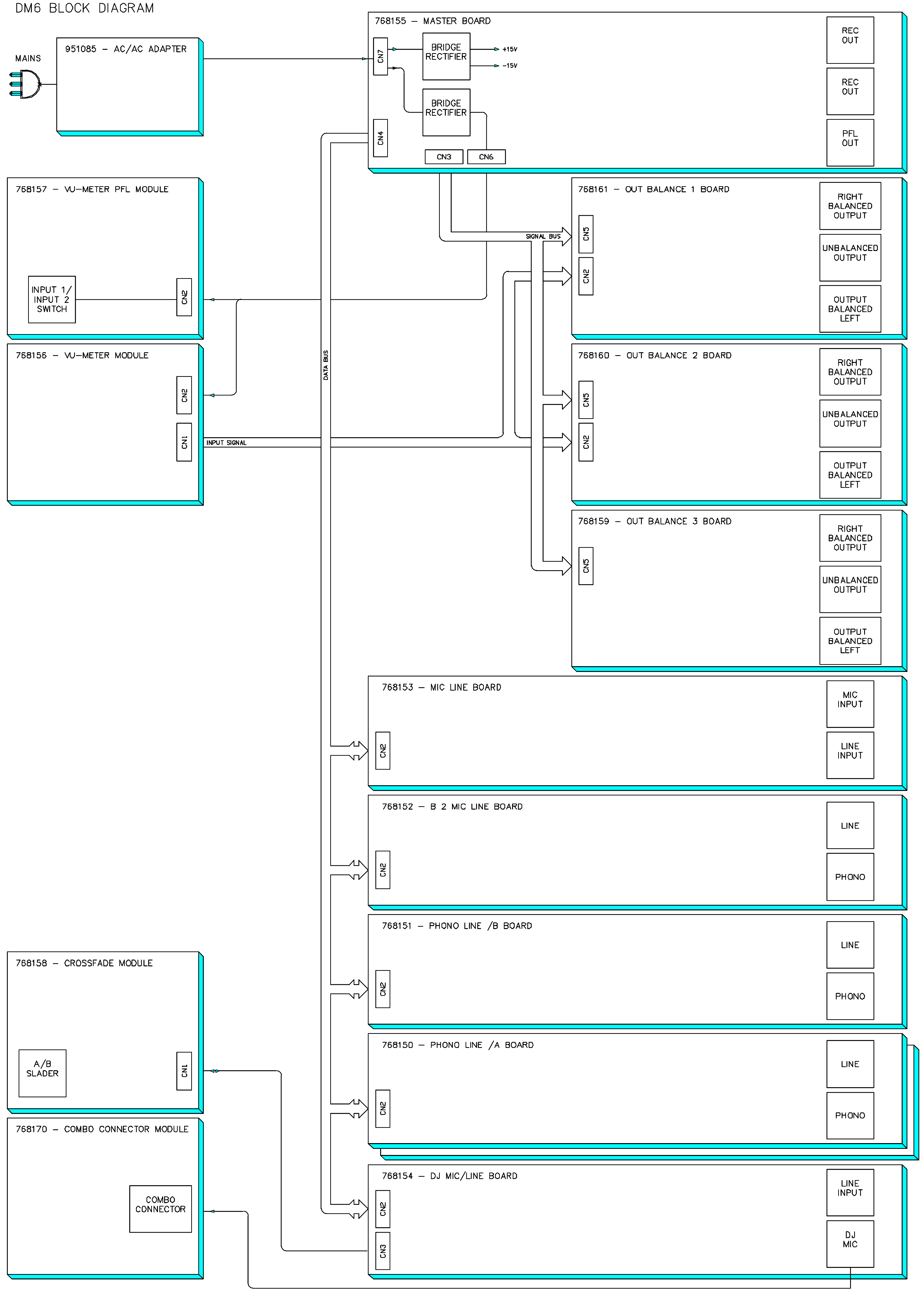
µ Ω

- ← Soldering point.
- •– Male connector.
- ⊃– Female connector.
- M/F faston connector.
- ▣ Test point.
- Supply voltage.
- ⊥ Logic supply ground.
- ⊥ Analog supply ground.
- ⏚ Signal ground.
- ⏚ Chassis ground.
- Flag joined with one or more flags with the same signal name inscribed.

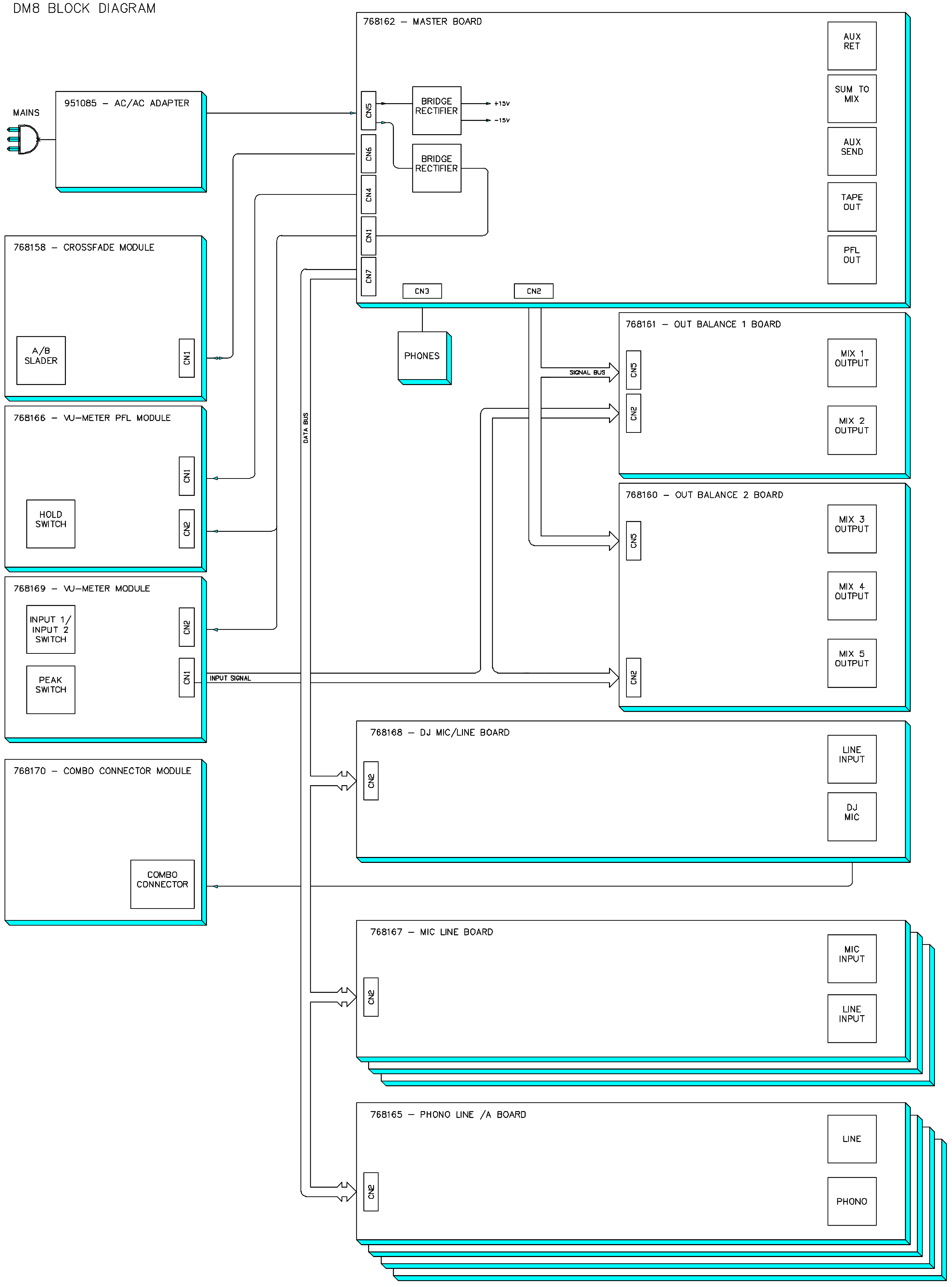
ATTENTION

Observe precautions when handling electrostatic sensitive devices

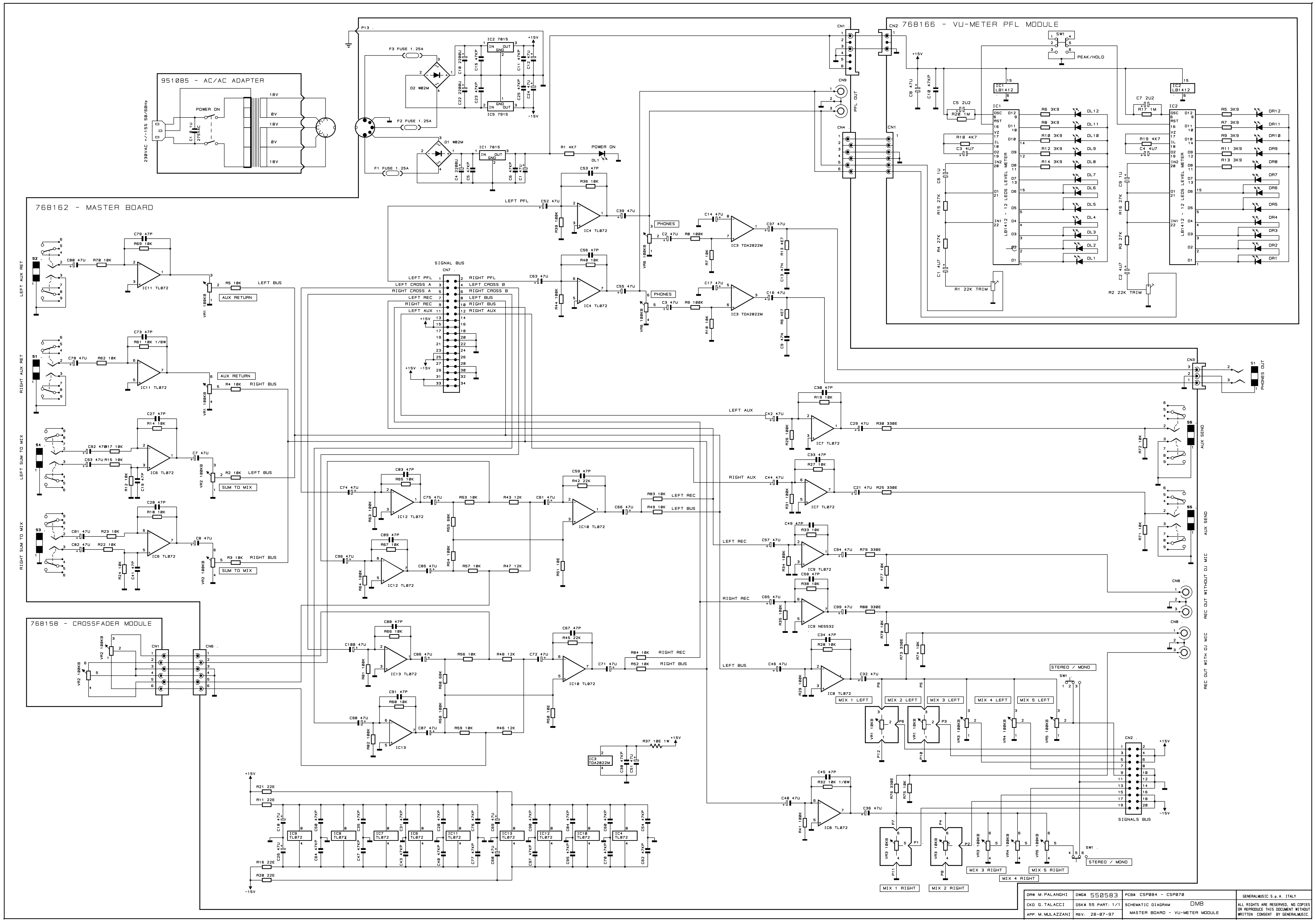
DM6 BLOCK DIAGRAM


MAINS
951085 – AC/AC ADAPTER
768155 – MASTER BOARD
CN7
BRIDGE RECTIFIER
+15V
-15V
BRIDGE RECTIFIER
CN4
CN3
CN6
REC OUT
REC OUT
PFL OUT
768157 – VU-METER PFL MODULE
INPUT 1/ INPUT 2 SWITCH
CN2
768161 – OUT BALANCE 1 BOARD
SIGNAL BUS
CN5
CN2
RIGHT BALANCED OUTPUT
UNBALANCED OUTPUT
OUTPUT BALANCED LEFT
768156 – VU-METER MODULE
CN2
CN1
INPUT SIGNAL
DATA BUS
768160 – OUT BALANCE 2 BOARD
CN5
CN2
RIGHT BALANCED OUTPUT
UNBALANCED OUTPUT
OUTPUT BALANCED LEFT
768159 – OUT BALANCE 3 BOARD
CN5
RIGHT BALANCED OUTPUT
UNBALANCED OUTPUT
OUTPUT BALANCED LEFT
768153 – MIC LINE BOARD
CN2
MIC INPUT
LINE INPUT
768152 – B 2 MIC LINE BOARD
CN2
LINE
PHONO
768151 – PHONO LINE /B BOARD
CN2
LINE
PHONO
768158 – CROSSFADE MODULE
A/B SLADER
CN1
768150 – PHONO LINE /A BOARD
CN2
LINE
PHONO
768170 – COMBO CONNECTOR MODULE
COMBO CONNECTOR
768154 – DJ MIC/LINE BOARD
CN2
CN3
LINE INPUT
DJ MIC

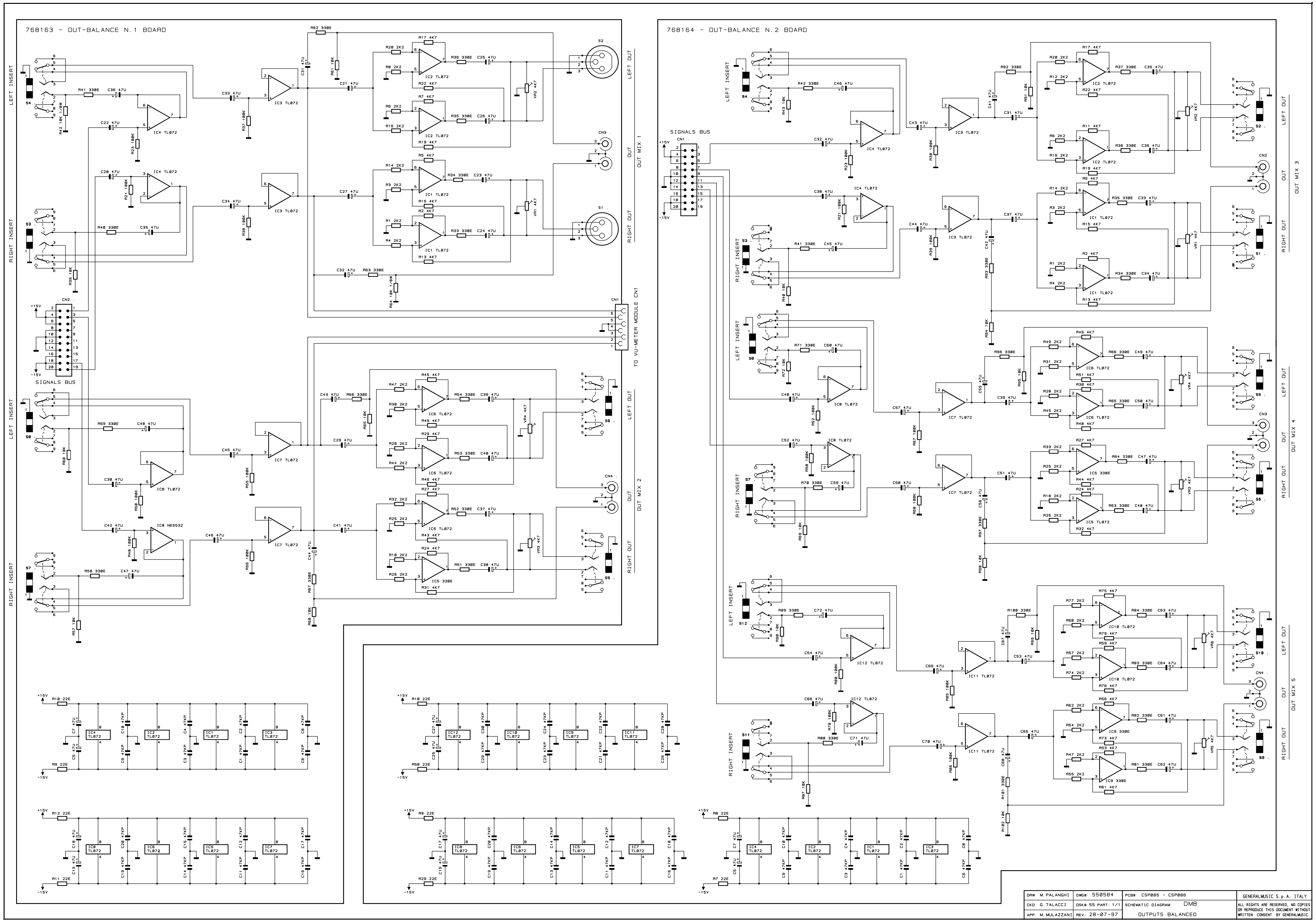
DM8 BLOCK DIAGRAM


768162 – MASTER BOARD
MAINS
951085 – AC/AC ADAPTER
CN5
BRIDGE RECTIFIER
+15V
-15V
CN6
BRIDGE RECTIFIER
CN4
CN1
CN7
CN3
CN2
AUX RET
SUM TO MIX
AUX SEND
TAPE OUT
PFL OUT
768158 – CROSSFADE MODULE
A/B SLADER
CN1
PHONES
768161 – OUT BALANCE 1 BOARD
SIGNAL BUS
CN5
CN2
MIX 1 OUTPUT
MIX 2 OUTPUT
768166 – VU-METER PFL MODULE
CN1
HOLD SWITCH
CN2
DATA BUS
768160 – OUT BALANCE 2 BOARD
CN5
MIX 3 OUTPUT
MIX 4 OUTPUT
MIX 5 OUTPUT
CN2
768169 – VU-METER MODULE
INPUT 1/ INPUT 2 SWITCH
CN2
PEAK SWITCH
CN1
INPUT SIGNAL
768168 – DJ MIC/LINE BOARD
CN2
LINE INPUT
DJ MIC
768170 – COMBO CONNECTOR MODULE
COMBO CONNECTOR
768167 – MIC LINE BOARD
CN2
MIC INPUT
LINE INPUT
768165 – PHONO LINE /A BOARD
CN2
LINE
PHONO

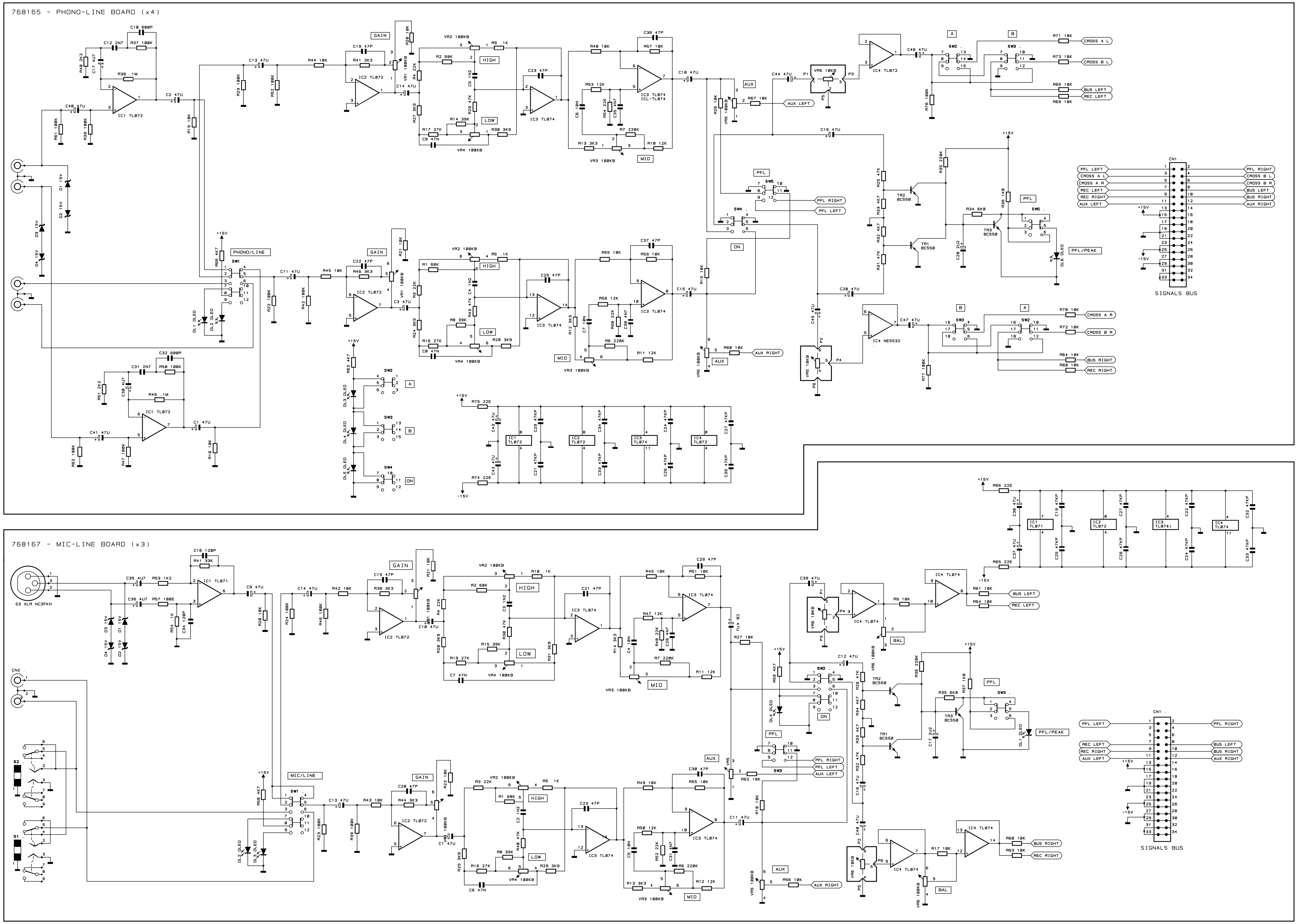
DRW M.PALANGHI	DWG# 550582	PCB#	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DISK: 55 PART: 1/1	DM8 - DM6 WIRING & BLOCK DIAGRAM	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 25-07-97		


951085 - AC/AC ADAPTER
230VAC +/-15% 50/60Hz
POWER ON
18V
0V
18V
0V
18V
P13
F3 FUSE 1.25A
F2 FUSE 1.25A
F1 FUSE 1.25A
D2 W02M
D1 W02M
IC2 7815
IC5 7915
IC1 7815
+15V
-15V
R1 4K7
POWER ON
DL1
768162 - MASTER BOARD
768166 - VU-METER PFL MODULE
768158 - CROSSFADER MODULE
LEFT AUX RET
RIGHT AUX RET
LEFT SUM TO MIX
RIGHT SUM TO MIX
AUX RETURN
SUM TO MIX
LEFT BUS
RIGHT BUS
LEFT PFL
RIGHT PFL
LEFT CROSS A
RIGHT CROSS A
LEFT CROSS B
RIGHT CROSS B
LEFT REC
RIGHT REC
LEFT AUX
RIGHT AUX
SIGNAL BUS
CN7
PHONES
PFL OUT
PHONES OUT
IC3 TDA2022M
IC4 TL072
IC6 TL072
IC7 TL072
IC8 TL072
IC9 NE5532
IC10 TL072
IC11 TL072
IC12 TL072
IC13 TL072
IC1 LB1412
IC2 LB1412
LB1412 - 12 LEDS LEVEL METER
SW1
PEAK/HOLD
R1 22K TRIM
R2 22K TRIM
DL1 ... DL12
DR1 ... DR12
AUX SEND
REC OUT WITHOUT DJ MIC
REC OUT WITH DJ MIC
STEREO / MONO
MIX 1 LEFT
MIX 2 LEFT
MIX 3 LEFT
MIX 4 LEFT
MIX 5 LEFT
MIX 1 RIGHT
MIX 2 RIGHT
MIX 3 RIGHT
MIX 4 RIGHT
MIX 5 RIGHT
SIGNALS BUS
CN2
CN1
CN3
CN4
CN6
CN8
CN9

DRW M.PALANGHI	DWG# 550583	PCB# CSP084 - CSP070	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM8 MASTER BOARD - VU-METER MODULE	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28-07-97		


768163 - OUT-BALANCE N.1 BOARD
768164 - OUT-BALANCE N.2 BOARD
LEFT INSERT
RIGHT INSERT
LEFT OUT
RIGHT OUT
OUT
OUT MIX 1
OUT MIX 2
OUT MIX 3
OUT MIX 4
OUT MIX 5
SIGNALS BUS
TO VU-METER MODULE CN1
CN1
CN2
CN3
CN4
+15V
-15V
IC1 TL072
IC2 TL072
IC3 TL072
IC4 TL072
IC5 TL072
IC6 TL072
IC7 TL072
IC8 NE5532
IC9 TL072
IC10 TL072
IC11 TL072
IC12 TL072

DRW M.PALANGHI	DWG# 550584	PCB# CSP085 - CSP086	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM8 OUTPUTS BALANCED	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28-07-97		


768165 - PHONO-LINE BOARD (x4)
PHONO
LINE
PHONO/LINE
GAIN
HIGH
LOW
MID
AUX
PFL
ON
A
B
IC1 TL072
IC2 TL072
IC3 TL074
IC4 TL072
IC4 NE5532
PFL/PEAK
PFL LEFT
PFL RIGHT
CROSS A L
CROSS B L
CROSS A R
CROSS B R
BUS LEFT
BUS RIGHT
REC LEFT
REC RIGHT
AUX LEFT
AUX RIGHT
CN1
SIGNALS BUS
+15V
-15V
768167 - MIC-LINE BOARD (x3)
MIC
LINE
LEFT/MONO
RIGHT
S3 XLR NC3FXH
MIC/LINE
IC1 TL071
BAL

DRW M.PALANGHI | DWG# 550585 | PCB# CSP087-1 / CSP088-1

CKD G.TALACCI | DSK# 55 PART: 1/1 | SCHEMATIC DIAGRAM DM8

APP. M.MULAZZANI | REV: 28-07-97

PHONO-LINE BOARD

MIC-LINE BOARD

GENERALMUSIC S.p.A. ITALY

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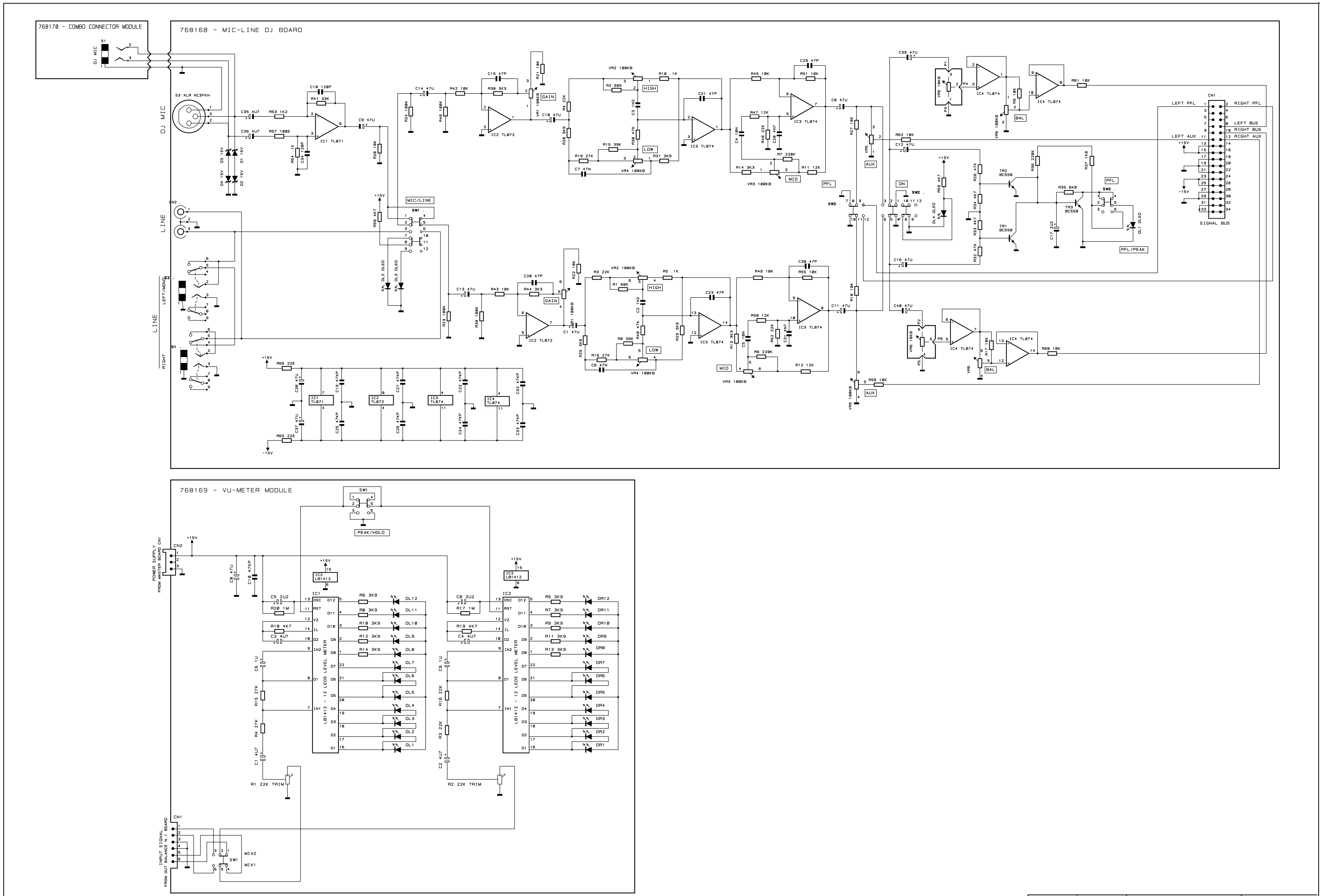
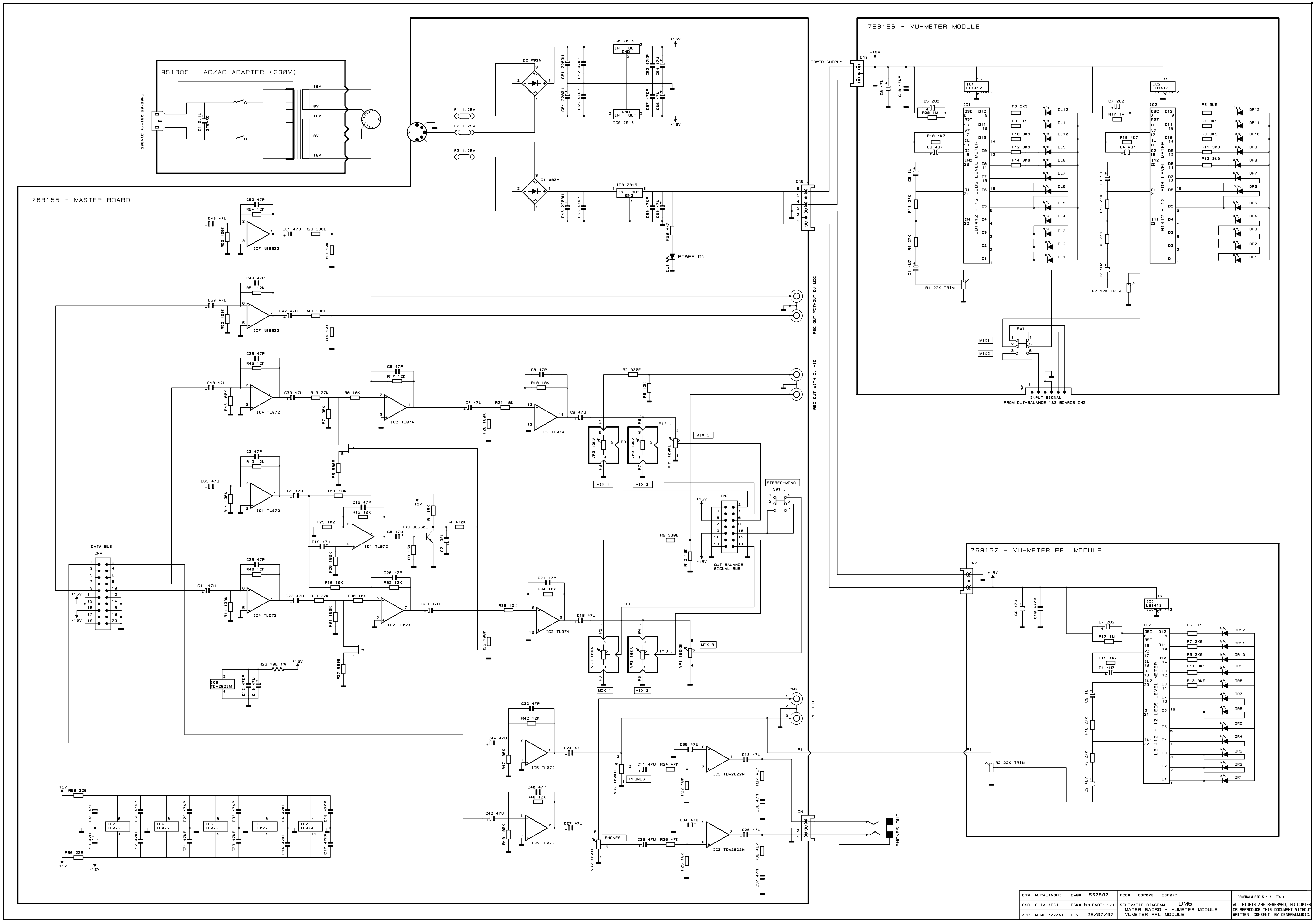
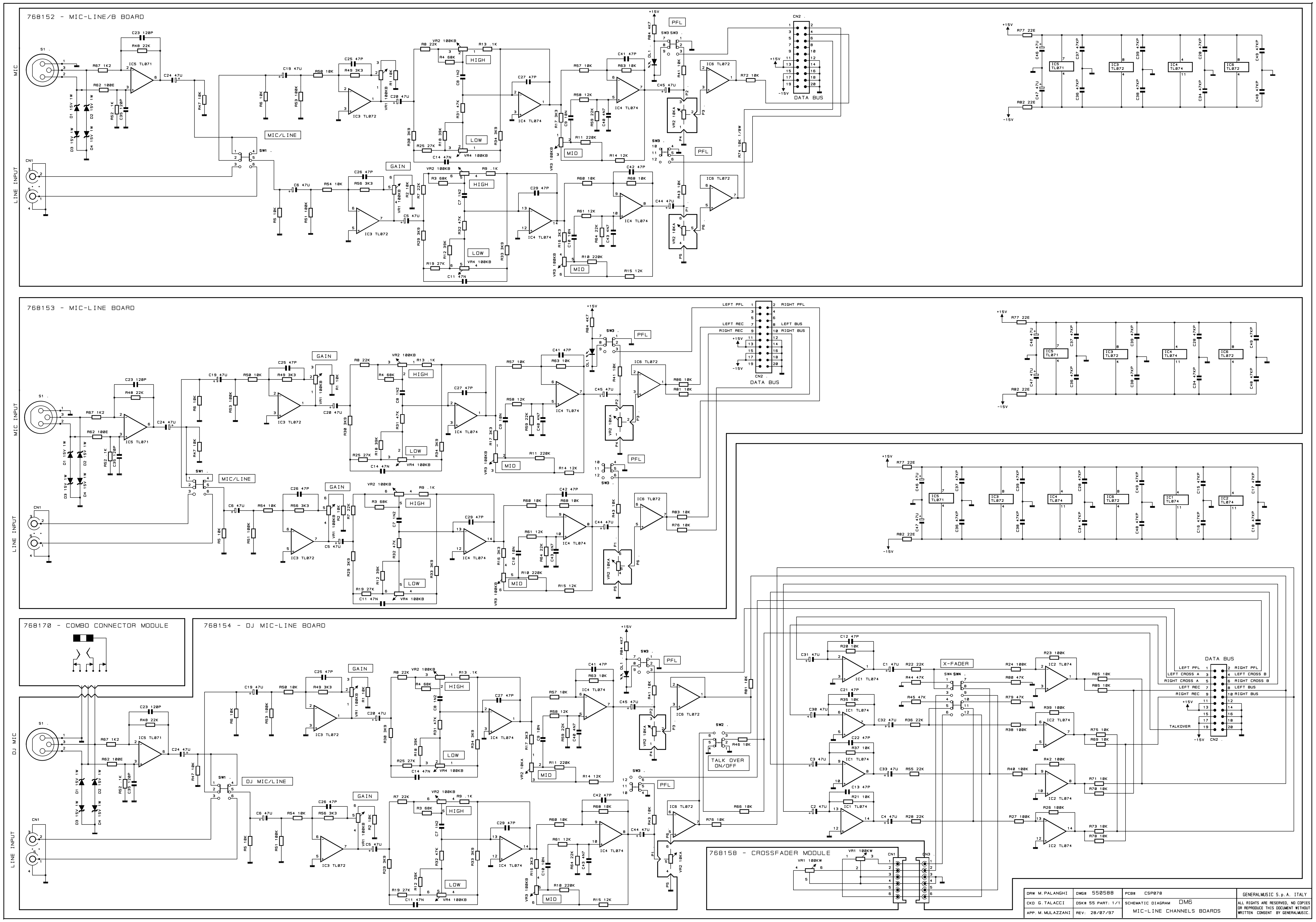

768170 - COMBO CONNECTOR MODULE
768168 - MIC-LINE DJ BOARD
768169 - VU-METER MODULE
DJ MIC
S3 XLR NC3FKH
LINE
LEFT/MONO
RIGHT
MIC/LINE
GAIN
HIGH
MID
LOW
AUX
PFL
ON
BAL
PFL/PEAK
LEFT PFL
RIGHT PFL
LEFT BUS
RIGHT BUS
LEFT AUX
RIGHT AUX
SIGNAL BUS
IC1 TL071
IC2 TL072
IC3 TL074
IC4 TL074
+15V
-15V
PEAK/HOLD
POWER SUPPLY FROM MASTER BOARD CN1
INPUT SIGNAL FROM OUT BALANCE N.1 BOARD
LB1412 - 12 LEDS LEVEL METER
R1 22K TRIM
R2 22K TRIM
MIX1
MIX2

DRW M.PALANGHI	DWG# 550586	PCB# CSP088 - CSP070	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM8 MIC-LINE DJ BOARD VU-METER MODULE	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28-07-97		

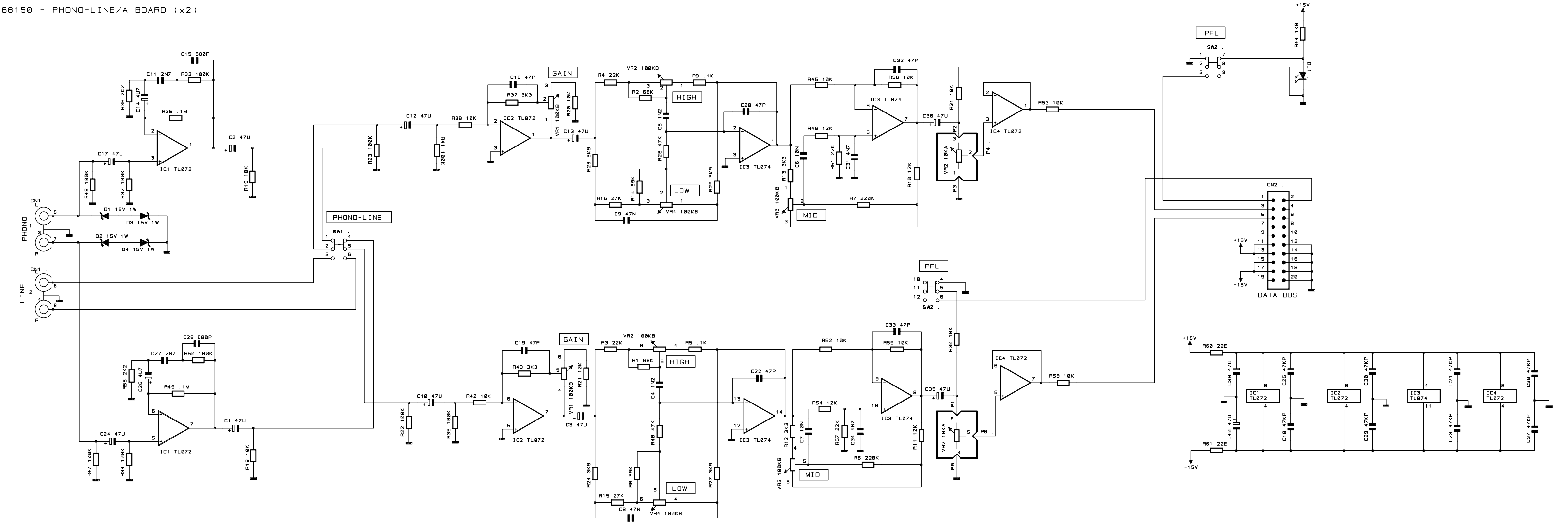

951085 - AC/AC ADAPTER (230V)
230VAC +/-15% 50-60Hz
C1 0.1U 275VAC
18V
0V
0V
18V
F1 1.25A
F2 1.25A
F3 1.25A
D2 W02M
D1 W02M
IC6 7815
IC9 7915
IC8 7815
C51 2200U
C64 2200U
C46 2200U
+15V
-15V
POWER ON
DL1
R50 4K7
768155 - MASTER BOARD
IC7 NE5532
IC4 TL072
IC1 TL072
IC2 TL074
IC5 TL072
IC3 TDA2822M
TR3 BC560C
DATA BUS
CN4
CN3
OUT BALANCE SIGNAL BUS
CN5
CN6
CN1
REC OUT WITHOUT DJ MIC
REC OUT WITH DJ MIC
PFL OUT
PHONES OUT
PHONES
MIX 1
MIX 2
MIX 3
STEREO-MONO
SW1
VR1 100KB
VR2 100KB
VR3 10KA
R23 10E 1W
R53 22E
R56 22E
+15V
-15V
-12V
768156 - VU-METER MODULE
POWER SUPPLY
CN2
CN1
IC1 LB1412
IC2 LB1412
LB1412 - 12 LEDS LEVEL METER
DL1 DL2 DL3 DL4 DL5 DL6 DL7 DL8 DL9 DL10 DL11 DL12
DR1 DR2 DR3 DR4 DR5 DR6 DR7 DR8 DR9 DR10 DR11 DR12
R1 22K TRIM
R2 22K TRIM
MIX1
MIX2
INPUT SIGNAL
FROM OUT-BALANCE 1&2 BOARDS CN2
768157 - VU-METER PFL MODULE
P11

DRW M.PALANGHI	DWG# 550587	PCB# CSP070 - CSP077	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM6 MATER BAORD - VUMETER MODULE VUMETER PFL MODULE	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28/07/97		

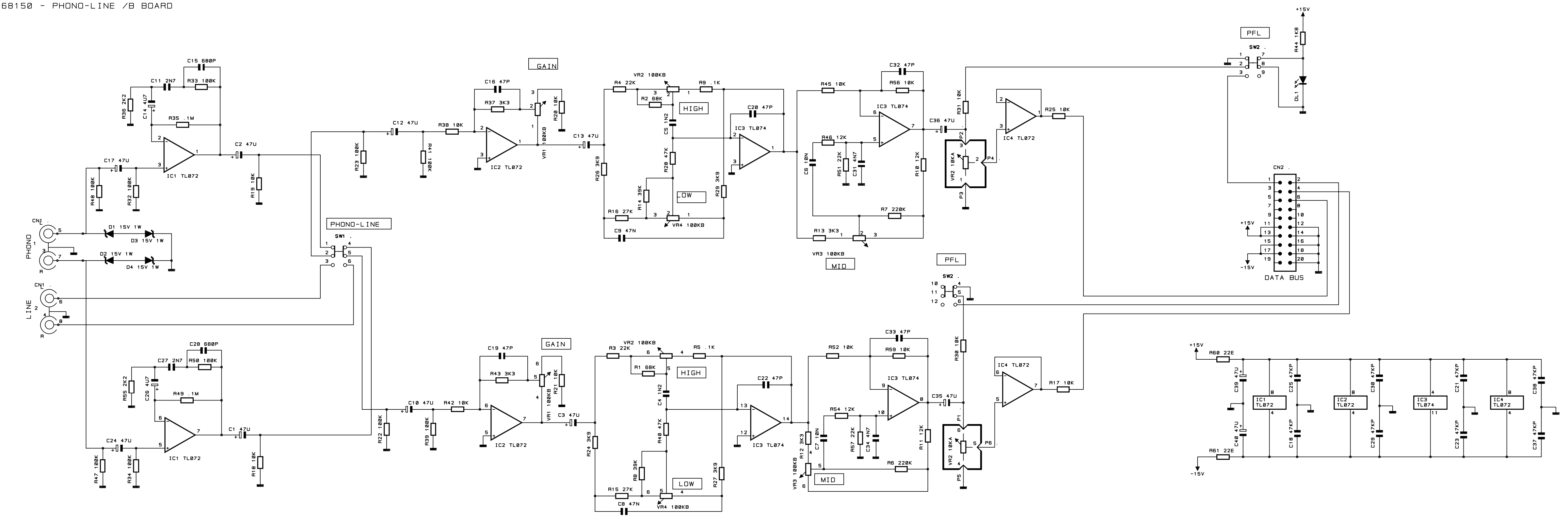

768152 - MIC-LINE/B BOARD
768153 - MIC-LINE BOARD
768170 - COMBO CONNECTOR MODULE
768154 - DJ MIC-LINE BOARD
768158 - CROSSFADER MODULE
MIC
LINE INPUT
MIC INPUT
DJ MIC
MIC/LINE
DJ MIC/LINE
GAIN
HIGH
MID
LOW
PFL
DATA BUS
X-FADER
TALK OVER ON/OFF
LEFT PFL
RIGHT PFL
LEFT REC
RIGHT REC
LEFT BUS
RIGHT BUS
LEFT CROSS A
LEFT CROSS B
RIGHT CROSS A
RIGHT CROSS B
TALKOVER
+15V
-15V

DRW M.PALANGHI	DWG# 550588	PCB# CSP078	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM6 MIC-LINE CHANNELS BOARDS	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28/07/97		

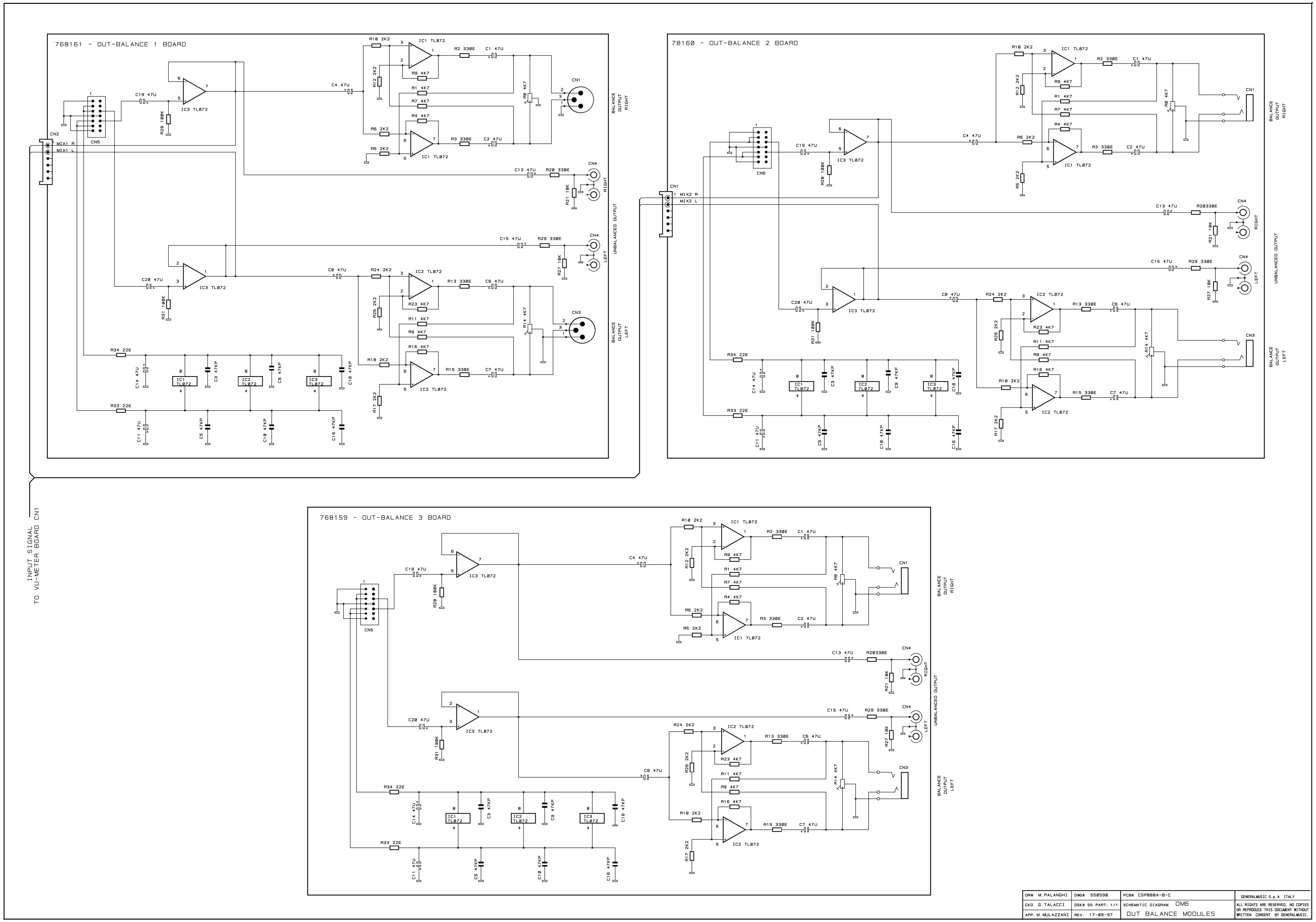
768150 - PHONO-LINE/A BOARD (x2)


PHONO
LINE
CN1
PHONO-LINE
SW1
GAIN
HIGH
LOW
MID
PFL
SW2
IC1 TL072
IC2 TL072
IC3 TL074
IC4 TL072
VR1 100KB
VR2 100KB
VR3 100KB
VR4 100KB
VR2 10KA
CN2
DATA BUS
+15V
-15V
D1 15V 1W
D2 15V 1W
D3 15V 1W
D4 15V 1W
R60 22E
R61 22E

768150 - PHONO-LINE /B BOARD


PHONO
LINE
CN1
PHONO-LINE
SW1
GAIN
HIGH
LOW
MID
PFL
SW2
IC1 TL072
IC2 TL072
IC3 TL074
IC4 TL072
VR1 100KB
VR2 100KB
VR3 100KB
VR4 100KB
VR2 10KA
CN2
DATA BUS
+15V
-15V
DL1
R44 1K8
R60 22E
R61 22E

DRW M.PALANGHI	DWG# 550589	PCB# CSP077	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM6 PHONO-LINE CHANNELS BOARDS	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 28-07-97		


768161 - OUT-BALANCE 1 BOARD
78160 - OUT-BALANCE 2 BOARD
768159 - OUT-BALANCE 3 BOARD
INPUT SIGNAL
TO VU-METER BOARD CN1
CN2
MIX1 R
MIX1 L
CN1
MIX2 R
MIX2 L
CN5
CN1
CN3
CN4
BALANCE OUTPUT RIGHT
BALANCE OUTPUT LEFT
UNBALANCED OUTPUT
RIGHT
LEFT
IC1 TL072
IC2 TL072
IC3 TL072
R10 2K2
R12 2K2
R9 4K7
R1 4K7
R7 4K7
R4 4K7
R6 2K2
R5 2K2
R2 330E
R3 330E
C1 47U
C2 47U
R8 4K7
C4 47U
C19 47U
R28 100K
C13 47U
R20 330E
R21 10K
C15 47U
R29 330E
R27 10K
C20 47U
R31 100K
C8 47U
R24 2K2
R26 2K2
R23 4K7
R11 4K7
R16 4K7
R18 2K2
R17 2K2
R13 330E
R15 330E
C6 47U
C7 47U
R14 4K7
R34 22E
R33 22E
C14 47U
C11 47U
C3 47KP
C9 47KP
C18 47KP
C5 47KP
C10 47KP
C16 47KP

DRW M.PALANGHI	DWG# 550590	PCB# CSP080A-B-C	GENERALMUSIC S.p.A. ITALY
CKD G.TALACCI	DSK# 55 PART: 1/1	SCHEMATIC DIAGRAM DM6	ALL RIGHTS ARE RESERVED, NO COPIES OR REPRODUCE THIS DOCUMENT WITHOUT WRITTEN CONSENT BY GENERALMUSIC.
APP. M.MULAZZANI	REV: 17-09-97	OUT BALANCE MODULES	

SPARE PARTS LIST

DM6

PHONO-LINE/A BOARD

Code		*Ref.*	*Description*	
768150		**CMO100**	**PHONO-LINE/A BOARD (CSP077)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
	*	POT011	100KBx2 Center Click Rotary Pot.	
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
	*	DEV010	2V 2P Switch	[PHONO/LINE]
	*	DEV011	4V 2P Switch	[PFL]
140242	*	CON016	Vertical RCAx2 Socket	
	*	CON076	20 Contacts Vertical Connector	
080710	*	LED015	Yellow LED	
080293	*	DIO065	15V 1W ZENER	
347355	*		Gray/Red Switch Cap	
347357	*		Gray/Yellow Switch Cap	
347354	*		Gray/Yellow Slider Knob	
347365	*		Gray/Blu Knob	
347363	*		Gray/Red Knob	

PHONO-LINE/B BOARD

Code		*Ref.*	*Description*	
768151		**CMO101**	**PHONO-LINE/B BOARD (CSPCSP077)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
	*	POT011	100KBx2 Center Click Rotary Pot.	
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
	*	DEV010	2V 2P Switch	[PHONO/LINE]
	*	DEV011	4V 2P Switch	[PFL]
	*	CON017	Vertical RCAx4 Socket	
	*	CON076	20 Contacts Vertical Connector	
080710	*	LED015	Yellow LED	
080293	*	DIO065	15V 1W ZENER	
347355	*		Gray/Red Switch Cap	
347357	*		Gray/Yellow Switch Cap	
347354	*		Gray/Yellow Slider Knob	
347365	*		Gray/Blu Knob	
347363	*		Gray/Red Knob	

MIC-LINE/B BOARD

Code		*Ref.*	*Description*	
768152		**CMO102**	**MIC-LINE/B BOARD (CSP078)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
	*	POT011	100KBx2 Center Click Rotary Pot.	
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
100019	*		TL071 OP. AMP.	
	*	DEV010	2V 2P Switch	[MIC/LINE]
	*	DEV011	4V 2P Switch	[PFL]
080710	*	LED015	Yellow LED	
140242	*	CON016	Vertical RCAx2 Socket	
	*	CON140	20 Contacts Vertical Connector	
141184	*	CON141	MC3FPR-H Female XLR	
080293	*	DIO065	ZENER 15V 1W	
347355	*		Gray/Red Switch Cap	
347357	*		Gray/Yellow Switch Cap	
347343	*		Gray/White Slider Knob	
347365	*		Gray/Blu Knob	
347363	*		Gray/Red Knob	

MIC-LINE BOARD

Code		*Ref.*	*Description*	
768153		**CMO103**	**MIC-LINE BOARD (CSP078)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
	*	POT011	100KBx2 Center Click Rotary Pot.	
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
100019	*		TL071 OP. AMP.	
	*	DEV010	2V 2P Switch	[MIC/LINE]
	*	DEV011	4V 2P Switch	[PFL]
080710	*	LED015	Yellow LED	
140242	*	CON016	Vertical RCAx2 Socket	
	*	CON140	20 Contacts Vertical Connector	
141184	*	CON141	MC3FPR-H Female XLR	
080293	*	DIO065	15V 1W Zener	
347355	*		Gray/Red Switch Cap	
347357	*		Gray/Yellow Switch Cap	
347343	*		Gray/White Slider Knob	
347365	*		Gray/Blu Knob	
347363	*		Gray/Red Knob	

MIC-LINE DJ BOARD

Code		*Ref.*	*Description*	
768154		**CMO104**	**MIC-LINE BOARD (CSP078)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
	*	POT011	100KBx2 Center Click Rotary Pot.	
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
100019	*		TL071 OP. AMP.	
	*	DEV010	2V 2P Switch	[MIC/LINE] [TALK OVER]
	*	DEV011	4V 2P Switch	[PFL] [X-FADER]
080710	*	LED015	Yellow LED	
140242	*	CON016	Vertical RCAx2 Socket	
	*	CON140	20 Contacts Vertical Connector	
141184	*	CON141	MC3FPR-H Female XLR	
080293	*	DIO065	ZENER 15V 1W	
	*	CON053	6 Contacts MICS6 LUMBERG	
347355	*		Gray/Red Switch Cap	
347357	*		Gray/Yellow Switch Cap	
347343	*		Gray/White Slider Knob	
347365	*		Gray/Blu Knob	
	*		Gray/Red Knob	

MASTER BOARD

Code		*Ref.*	*Description*	
768155		**CMO105**	**MASTER BOARD (CSP079)**	
	*	POT010	100KBx2 Rotary Pot.	[GAIN]
100061	*	ICS011	TL072 DUAL OP. AMP.	
100084	*	ICS012	TL074 QUAD. OP. AMP.	
100910	*	ICS023	TDA2822M	
100060	*	ICS001	LM7815 1.5A Voltage Regulator	
100049	*	ICS002	LM7915 1.5A Voltage Regulator	
	*	DEV010	2V 2PSwitch	
080705	*	LED014	Red LED	
	*	TRN018	BF244 Transistor	
	*	TRN028	BF244 Transistor	
90194	*	TRN011	BC561 Transistor	
	*	CON135	MX254-3 Vertical Connetor	
	*	CON017	Vertical RCAx4 Socket	
	*	CON073	14 Contacts P.1.27 Vertical Connector	
	*	CON076	20 Contacts Vertical Connector	
140242	*	CON016	Vertical RCAx2 Socket	
	*	CON136	MX254-6 Vertical Connector	
	*	CON110	MX508-6 Vertical Connector	
110113	*	FUS001	5x20 Fuseclip	
080168	*	DIO010	W02 Rectifier Bridge	
347356	*		Gray/White Switch Cap	
347363	*		Gray/Red Knob	
347342	*		Gray/Red Slider Knob	

VU-METER BOARD

Code		*Ref.*	*Description*
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 Connector

VU-METER PFL BOARD

Code		*Ref.*	*Description*
768157		**CMO107**	**VU-METER PFL BOARD (CSP070)**
	*		TRIMMER 22K OR P10
080706	*	LED016	Green LED
080710	*	LED015	Yellow LED
080705	*	LED014	Red LED
100927	*	ICS024	LB1412
	*	CON135	MX254W03 Vertical Connector

CROSSFADER BOARD

Code		*Ref.*	*Description*
768158		**CMO108**	**CROSSFADER BOARD**
	*	CON053	6 Contacts MICS6 LUMBERG Connector
	*	POT029	2x100kW Slider Pot. (60 mm)
347354	*		Gray/Yellow Slider Knob

OUT-BALANCE 3 BOARD

Code		*Ref.*	*Description*
768159		**CMO109**	**OUT BALANCE 3 BOARD (CSP080C)**
100923	*	ICS017	5532
100061	*	ICS011	TL072 DUAL OP. AMP.
140228	*	CON034	Stereo Jack
140242	*	CON016	Vertical RCAx2 Socket
	*	CON075	14 Contacts Vertical Connector

OUT-BALANCE 2 BOARD

Code		*Ref.*	*Description*
768160		**CMO110**	**OUT BALANCE 2 BOARD (CSP080B)**
100923	*	ICS017	5533
100061	*	ICS011	TL073
140228	*	CON034	Stereo Jack
140242	*	CON016	Vertical RCAx2 Socket
	*	CON053	6 Contacts MICS6 LUMBERG
	*	CON075	14 Contacts Vertical Connector

OUT-BALANCE 1 BOARD

Code		*Ref.*	*Description*
768161		**CMO111**	**OUT BALANCE 1 BOARD (CSP080A)**
100923	*	ICS017	5533
100061	*	ICS011	TL073 OP. AMP.
140242	*	CON016	Vertical RCAx2 Socket
	*	CON143	NC3MPR-H Male XLR
	*	CON053	6 Contacts MICS6 LUMBERG
	*	CON075	14 Contacts Vertical Connector

DM8

MASTER BOARD

Code		*Ref.*	*Description*
768162		**CMO112**	**MASTER BOARD (CSP084)**
100060	*	ICS001	LM7815 1.5A Voltage Regulator
	*		TDA2822M
100061	*	ICS011	TL072 DUAL OP. AMP.
100049	*	ICS002	LM7915 1.5A Voltage Regulator
100061	*	ICS011	TL072 DUAL OP. AMP.
	*	CON136	CONN M VERT MX254W-06
	*	CON140	20 Contacts Vertical Connector
	*	CON135	MX254-3 Vertical Connetor
	*	CON053	6 Contacts MICS6 LUMBERG Connector
	*	CON110	6 Contacts MX508 W-06 Male Connector
	*	CON053	6 Contacts MICS6 LUMBERG
	*	CON144	34 Contacts Vertical Connector
	*	CON017	Vertical RCAx4 Socket
140242	*	CON016	Vertical RCAx2 Socket
110113	*	FUS001	5x20 Fuseclip
080168	*	DIO010	W02 Rectifier Bridge
080705	*	LED014	Red LED
	*	DEV010	2V 2P Switch
	*	CON026	Stereo Jack
	*	POT010	100KBx2 Rotary Pot.

OUT-BALANCE N.1 BOARD

Code		*Ref.*	*Description*
768163		**CMO113**	**OUT-BALANCE N.1 BOARD (CSP085)**
	*		TRIMMER 4K7 ORIZZ
	*		5532
100061	*	ICS011	TL072 DUAL OP. AMP.
	*	CON143	NC3MPR-H Male XLR
	*	CON026	Stereo Jack
	*	CON145	Stereo Jack 6.3 A-PJ-678-0
	*	CON053	6 Contacts MICS6 LUMBERG
	*	CON076	20 Contacts Vertical Connector
140242	*	CON016	Vertical RCAx2 Socket

OUT-BALANCE N.2 BOARD

Code		*Ref.*	*Description*
768164		**CMO114**	**OUT-BALANCE N.1 BOARD (CSP086)**
	*		4K7 Horizontal Trimmer
	*		5532
100061	*	ICS011	TL072 DUAL OP. AMP.
	*	CON143	NC3MPR-H Male XLR
	*	CON026	Stereo Jack
	*	CON145	Stereo Jack 6.3 A-PJ-678-0
	*	CON053	6 Contacts MICS6 LUMBERG
	*	CON076	20 Contacts Vertical Connector
140242	*	CON016	Vertical RCAx2 Socket

PHONO-LINE BOARD

Code		*Ref.*	*Description*
768165		**CMO115**	**PHONO-LINE BOARD (CSP087)**
100061	*	ICS011	TL072 DUAL OP. AMP.
100084	*	ICS012	TL074 QUAD. OP. AMP.
	*	POT010	100KBx2 Rotary Pot.
	*	POT011	2x100KB CLICK C.
	*		34 Contacts Vertical Connector
	*	CON017	Vertical RCAx4 Socket
	*	DEV011	4V 2P Switch
	*		6V 2P Switch
	*	TRN004	BC550C
080706	*	LED016	Green LED
080710	*	LED015	Yellow LED
080705	*	LED014	Red LED

VU-METER PFL MODULE

Code		*Ref.*	*Description*
768166		**CMO116**	**VU-METER PFL MODULE (CSP070)**
080706	*	LED016	Green LED
080710	*	LED015	Yellow LED
080705	*	LED014	Red LED
	*	ICS024	LB1412
	*	DEV010	2V 2P Switch
	*	CON135	MX254-3 Vertical Connetor
	*	CON153	LUMBERG MICS6 Connector

MIC-LINE BOARD

Code		*Ref.*	*Description*
768167		**CMO117**	**MIC-LINE BOARD (CSP070)**
	*	ICS010	TL071 OP. AMP.
100061	*	ICS011	TL072 DUAL OP. AMP.
100084	*	ICS012	TL074 QUAD. OP. AMP.
	*	POT010	100KBx2 Rotary Pot.
	*	POT011	2x100KB CLICK C.
	*	CON144	34Contacts Vertical Connector
140242	*	CON016	Vertical RCAx2 Socket
	*	DEV011	4V 2P Switch
	*	TRN004	BC550C Transistor
080705	*	LED014	Red LED
080710	*	LED015	Yellow LED
080706	*	LED016	Green LED
	*	CON026	Stereo Jack
	*	CON141	XLR FEMMINA MC3FPR-H
	*	DIO065	ZENER 15V 1W

MIC-LINE DJ BOARD

Code		*Ref.*	*Description*
768168		**CMO118**	**MIC-LINE BOARD (CSP088)**
	*	ICS010	TL071
100061	*	ICS011	TL072 DUAL OP. AMP.
100084	*	ICS012	TL074 QUAD. OP. AMP.
	*	POT010	100KBx2 Rotary Pot.
	*	POT011	2x100KB CLICK C.
	*	CON144	34Contacts Vertical Connector
140242	*	CON016	Vertical RCAx2 Socket
	*	CON035	CON VERT 3V MX254-W-03
	*	DEV011	4V 2P Switch
	*	TRN004	BC550C Transistor
080705	*	LED014	Red LED
080710	*	LED015	Yellow LED
080706	*	LED016	Green LED
	*	CON026	Stereo Jack
	*	CON141	MC3FPR-H Female Connector
	*	DIO065	15V 1W Zener

VU-METER MODULE

Code		*Ref.*	*Description*
768169		**CMO119**	**VU-METER MODULE (CSP070)**
080706	*	LED016	Green LED
080710	*	LED015	Yellow LED
080705	*	LED014	Red LED
	*	ICS024	LB1412
	*	DEV010	2V 2P Switch
	*	CON135	MX254-3 Vertical Connetor
	*	CON153	6 Contacts MICS6 LUMBERG Connector

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.