



WEB ACCESS: <http://www.yorkville.com>

**WORLD HEADQUARTERS
CANADA**

Yorkville Sound
550 Granite Court
Pickering, Ontario
L1W-3Y8 CANADA

Voice: (905) 837-8481
Fax: (905) 837-8746

U.S.A.

Yorkville Sound Inc.
4625 Witmer Industrial Estate
Niagara Falls, New York
14305 USA

Voice: (716) 297-2920
Fax: (716) 297-3689

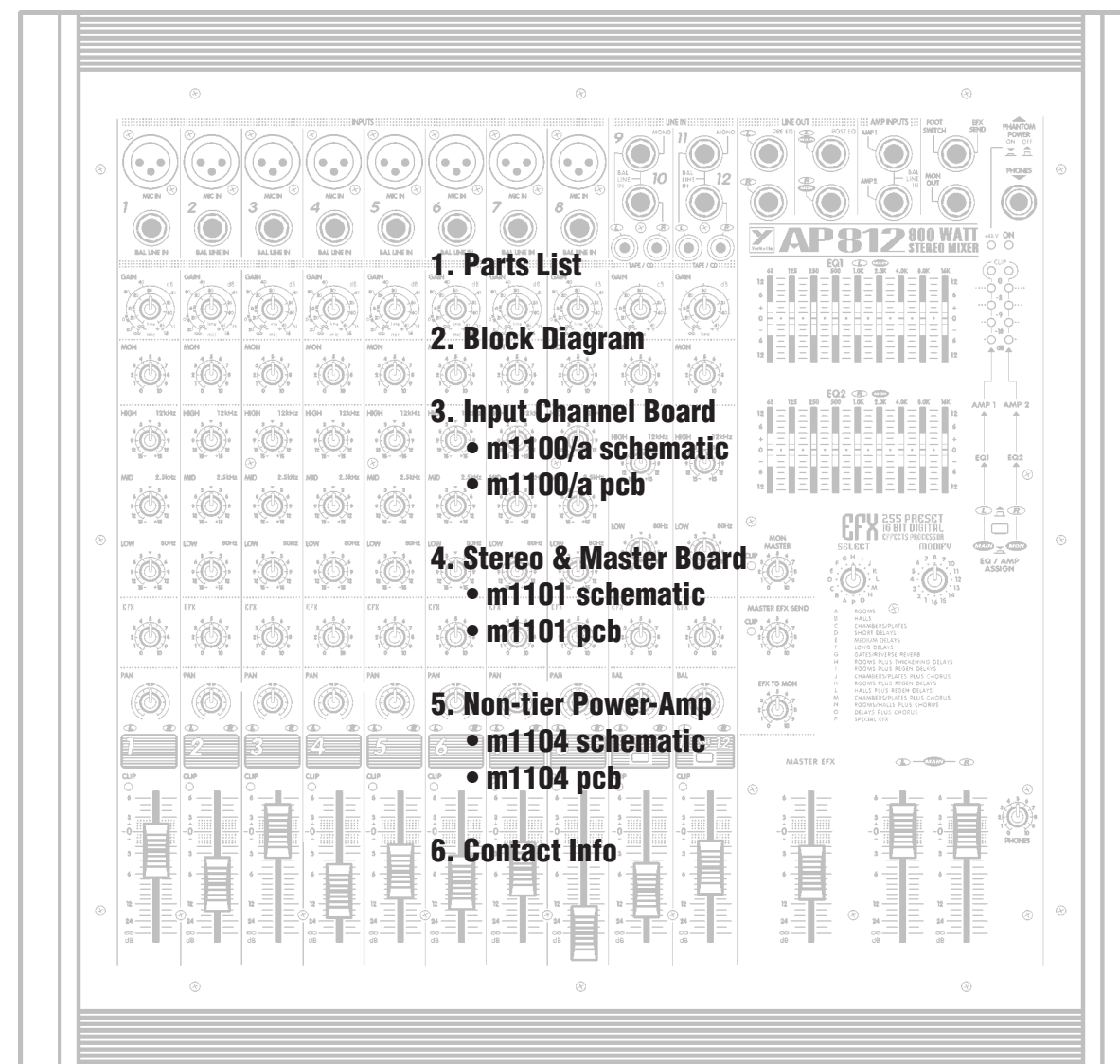


Quality and Innovation Since 1963
Printed in Canada

SERVICE MANUAL

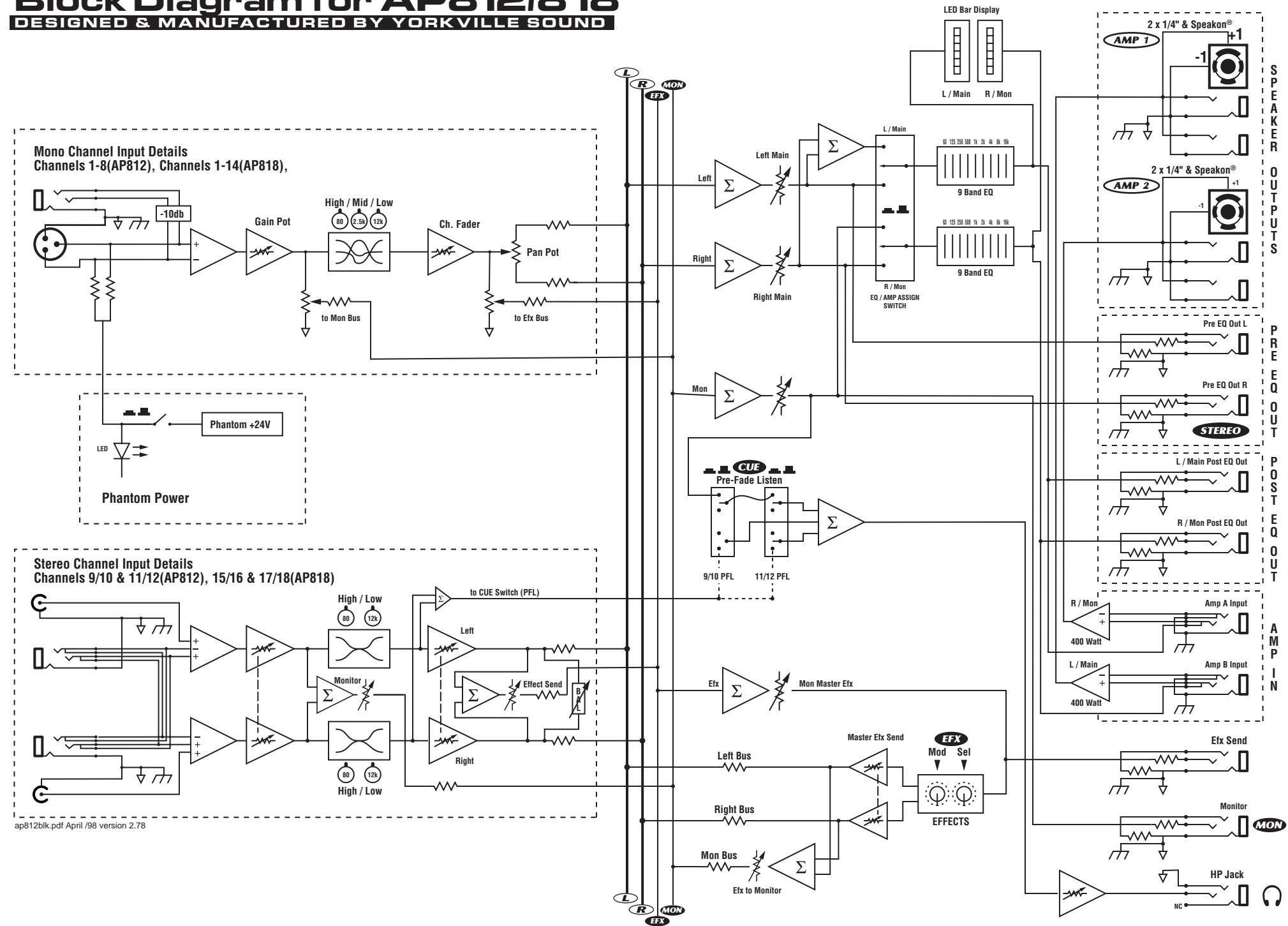


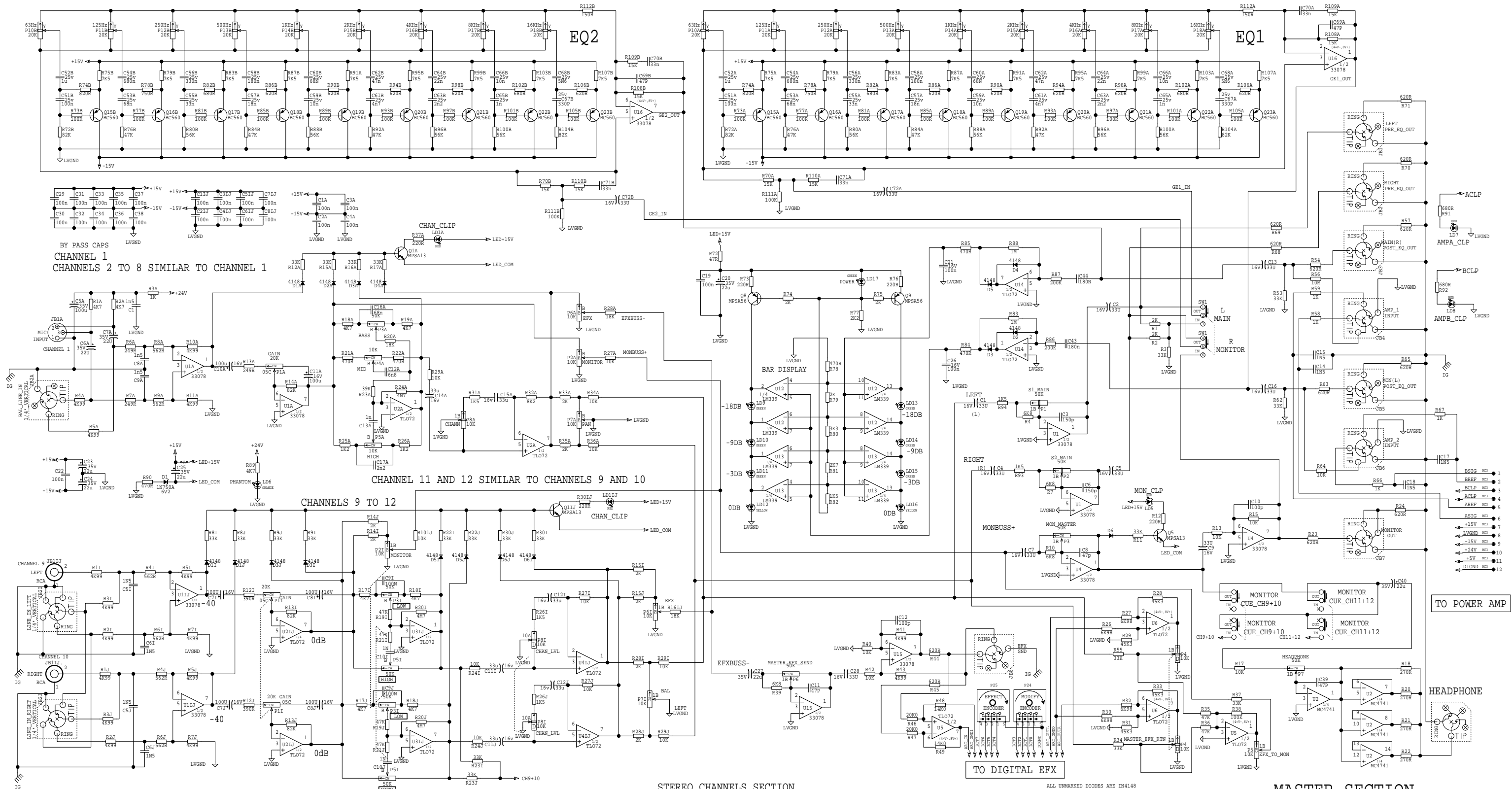
AP812 800 WATT 818 STEREO MIXER



Block Diagram for AP812/818

DESIGNED & MANUFACTURED BY YORKVILLE SOUND





STEREO CHANNELS SECTION

MASTER SECTION

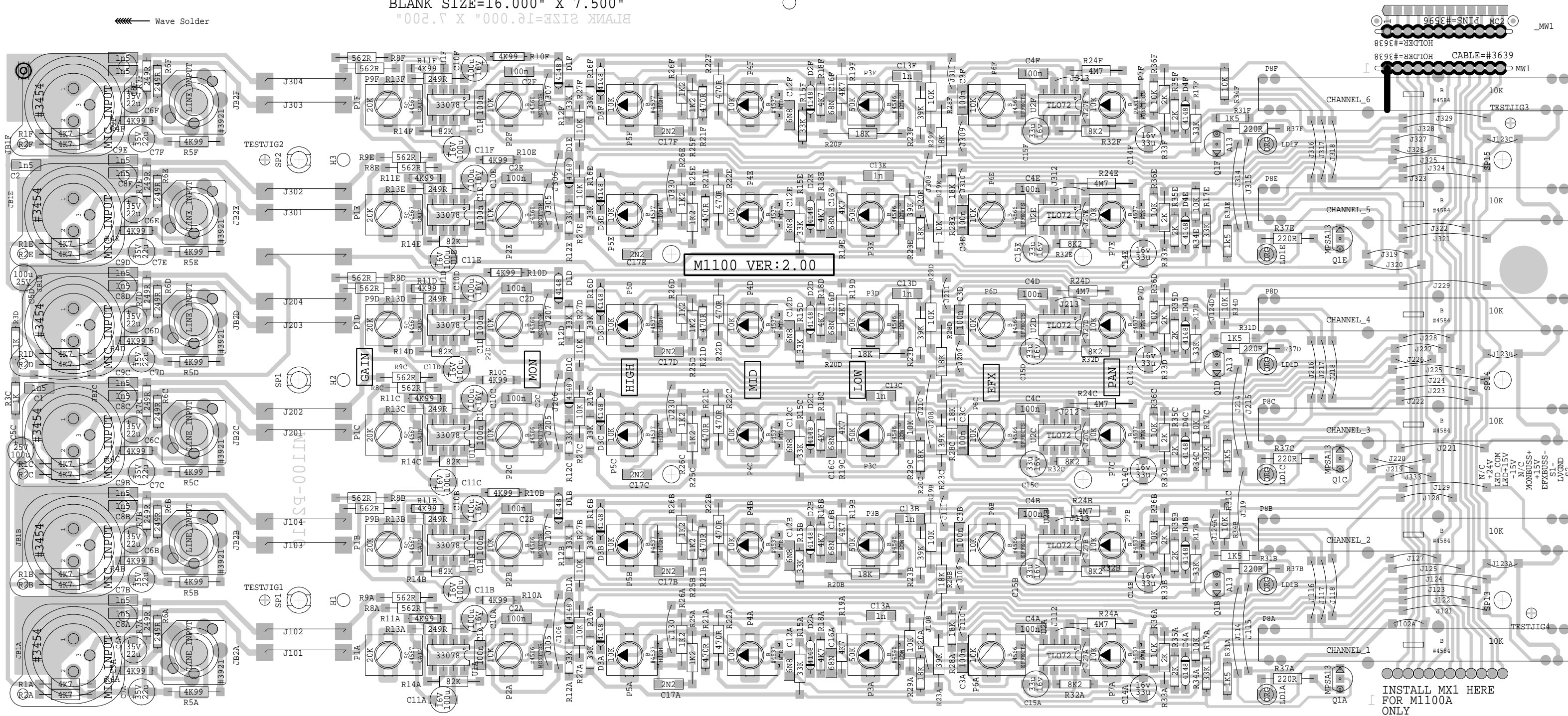
M1100IN.SCH DATABASE HISTORY		M1101.SCH DATABASE HISTORY		YORKVILLE		DATE: JUL/15/97	MODEL: AP-812	SCR ISSU: 1.00	
MODEL(S):	AP-812/818/312	MODEL(S):	AP-812/818/312	NAME:	AP812MIX.SCH	PCBR:	M1100-M1101	TITLE:	MIXER/EQ
#	DATE	VER#	DESCRIPTION OF CHANGE	#	DATE	VER#	DESCRIPTION OF CHANGE		
1	MAY/07/97	1.50	PCB#5370_ADD_C17A	1	MAY/07/97	1.50	PCB#5370_R211,R212_L8K->47K ADD_150R(R112A,B)_TO_EQ		
2				2					
3				3					
4				4					
5				5					
6				6					
7				7					
8				8					
9				9					
10				10					

BLANK SIZE=16.000" X 7.500"

BLANK SIZE=16.000" X 7.500"

Wave Solder

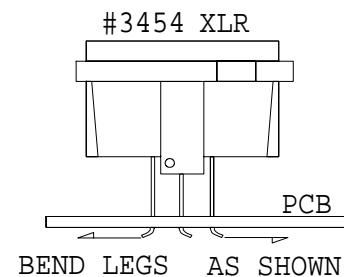
ASSEMBLY M1100-2.00
PCB MECH M1100-2.00



SOLDERSIDE M1100-2.01

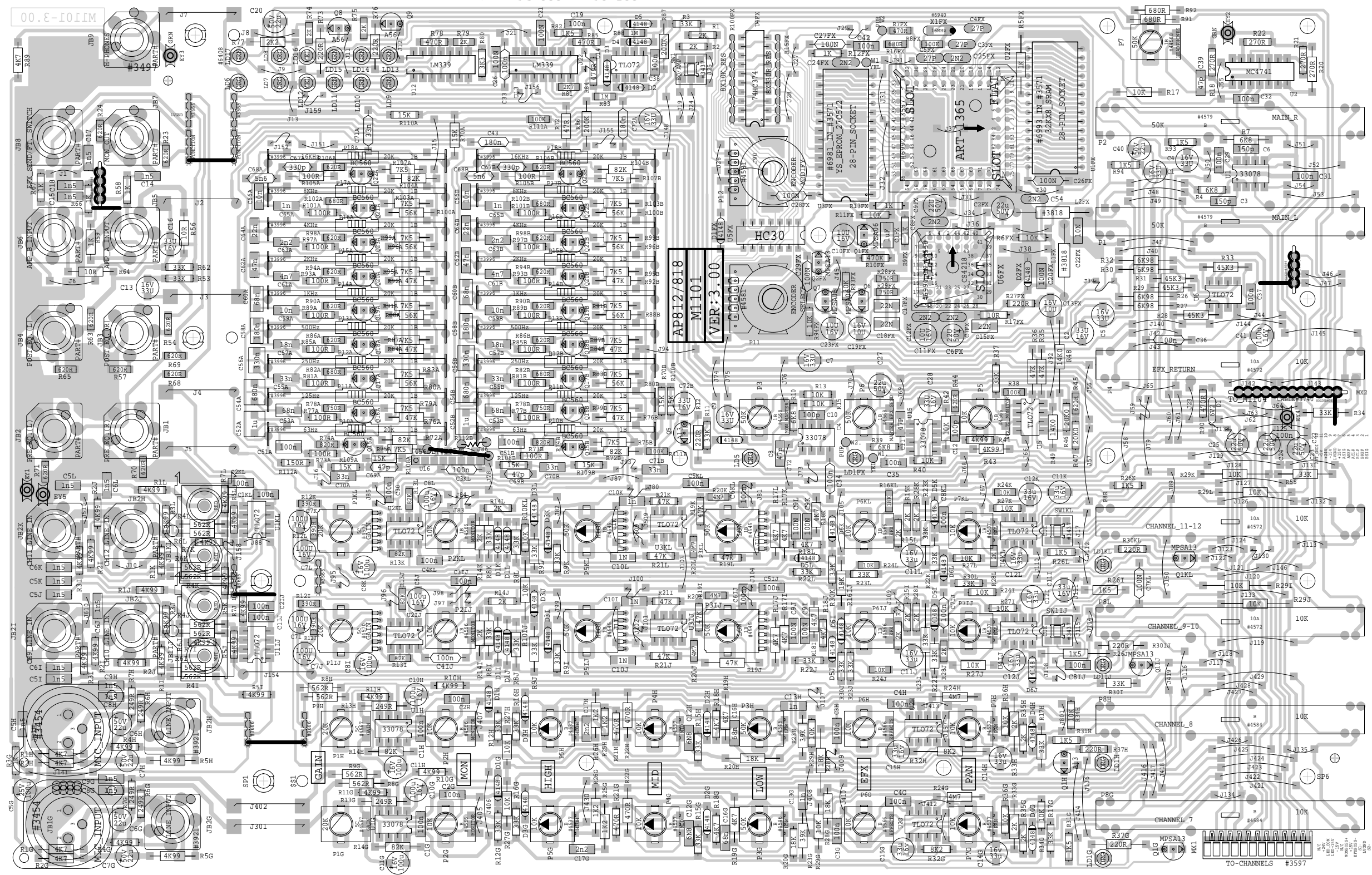
PRODUCTION NOTES

- 1 BEND XLR LEGS
- 2 INSTALL MX1 FOR M1100A ONLY



M1100.PCB_DATABASE_HISTORY			
MODEL(S):- AP-812/818			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	JAN/11/97	P1.0	DEL R38A,R30A
2	MAR/03/97	P2.0	R32A->F TO 4K99
3	MAY/05/97	1.00	VALUE_CHANGES_SEE_LIST
4	MAY/06/97	2.00	ADDED_C2,C16A-F,C17A-F_MOVED_JMPR_AWAY_FROM_P7A-F
5	.	.	.
6	D	V	N
7	D	V	N
8	D	V	N
9	D	V	N
10	D	V	N
11	D	V	N

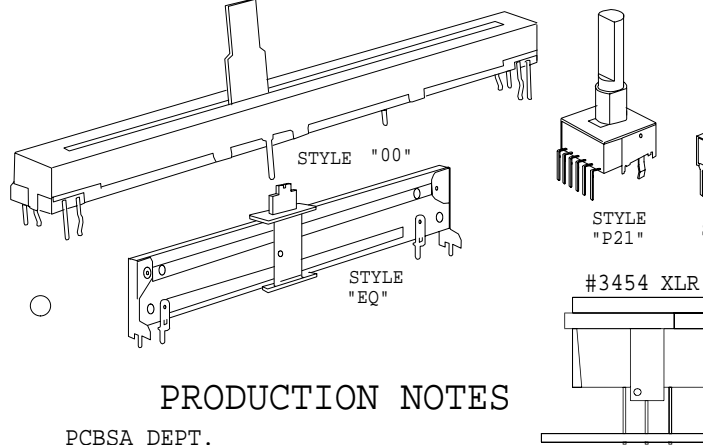
2016P2SIDE WJ101-3'00
 BLANK SIZE=16.000" X 10.500"
 ASSEMBLY M1101-3.00
 PCB MECH M1101-3.00



M1101.PCB_DATABASE_HISTORY

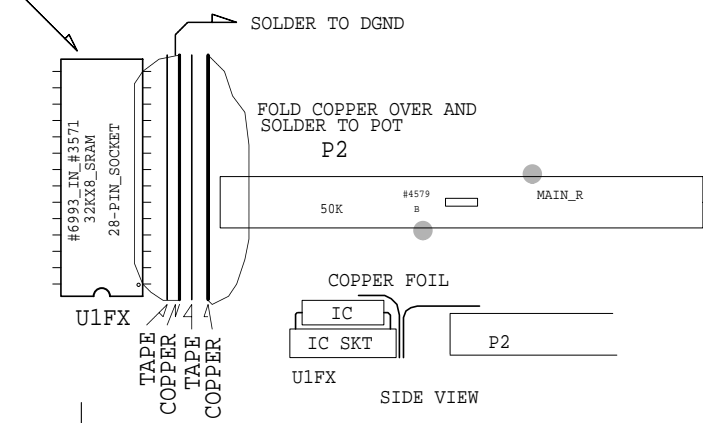
MODEL(S):- AP-812/818

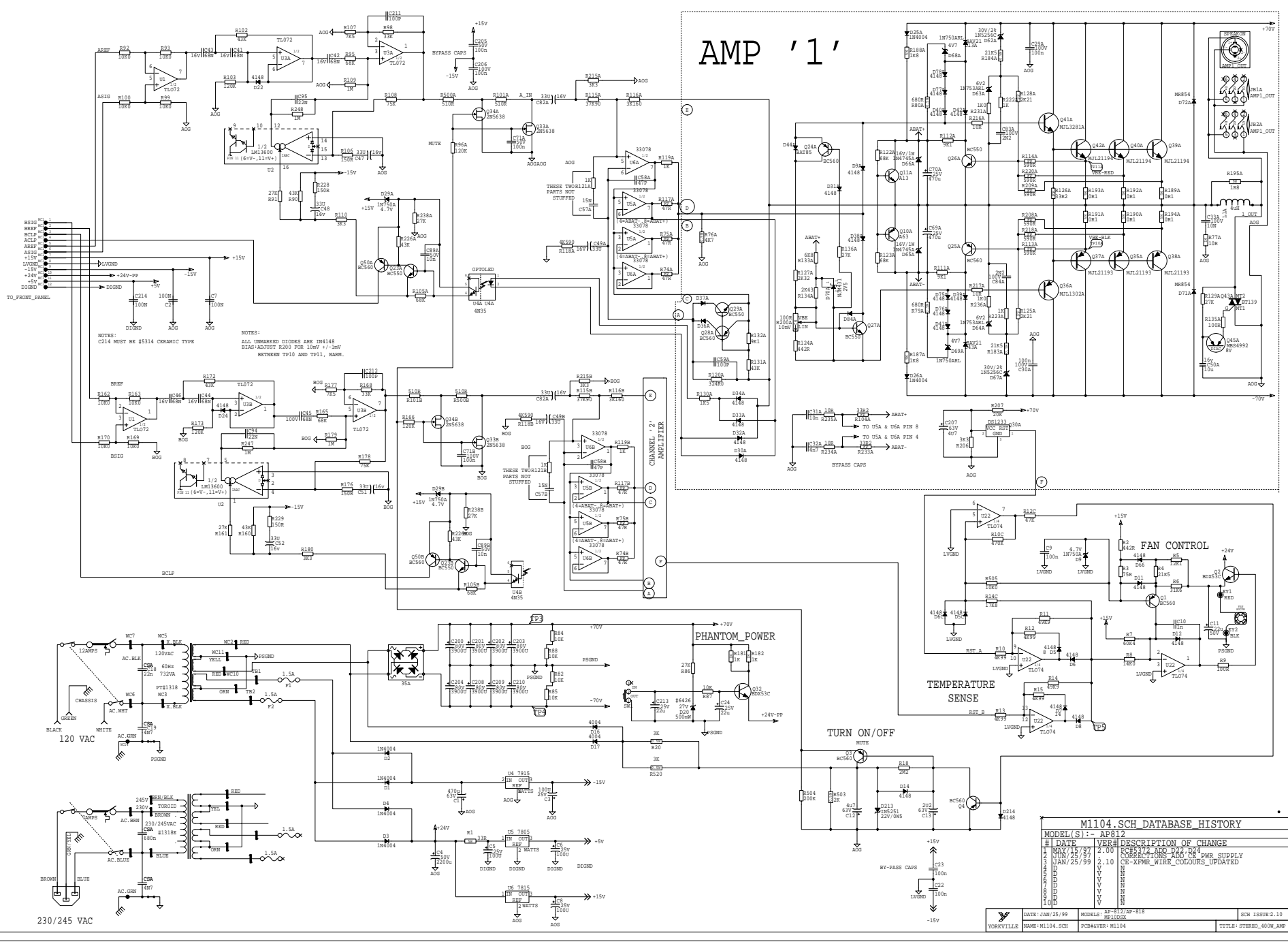
#	DATE	VER#	DESCRIPTION OF CHANGE
1	MAY/06/97	V1.5	PC#5367
2	D	V	- R92,R91 220R TO 680R
3	D	V	- R83,R88 240K TO 1M
4	D	V	- R86,R87 47K TO 200K
5	MAY/06/97	V1.5	PC#5368
6	D	V	- CORRECT Q7FX,Q6FX TO AGREE WITH SCHEMAT
7	MAY/06/97	V1.5	PC#5370
8	.	.	- CHANGE R211,J,K,L TO 47K
9	.	.	- CHANGE C2,C6 TO 150P
10	.	.	- TACK ON 1K5 IN SERIES WITH C1,C4
11	.	.	- TACK ON 150R IN SERIES WITH EQ,BUSS
12	.	.	- TACK ON 2N2 ACROSS OUT SIDE LEGS OF P5G
13	.	V2.00	-NOTE: IMPLEMENT ABOVE PC'S ON TAPE-UP
14	.	.	#5371 MOVE TRACE OF C5H,C1 TO AGREE WITH SCHEMATIC
15	MAY/07/97	.	- ADD 1N5 FROM R3G TO IG GROUND
16	JUN/23/97	3.00	PC#5426 ADD C26FX,27FX,28FX,29FX
17	AUG/18/97	.	RELOCATE_PARTS_4 BETTER_INSERTION
18	D	V	N
19	D	V	N
20	D	V	N
21	D	V	N
22	D	V	N
23	D	V	N
24	D	V	N
25	D	V	N
26	D	V	N



PRODUCTION NOTES

- PCBSA DEPT.
- 1 ADD COPPER FOIL ON I.C SOCKET OF U1FX ADD EXTRA SOL
 - 2 ADD YELLOW WIRE NEXT TO U6
 - 3 ADD .5" COPPER STRIP ON TOP OF P2 FOR N.A. AND EXPORT
 - 4 ADD 1" COPPER STRIP ON BOTTOM OF U1FX FOR EXPORT
 - 5 J152,J155,J156,J159 ARE USED AS RIBBON CABLE CLAMPS





AMP '1'

PHANTOM POWER

FAN CONTROL

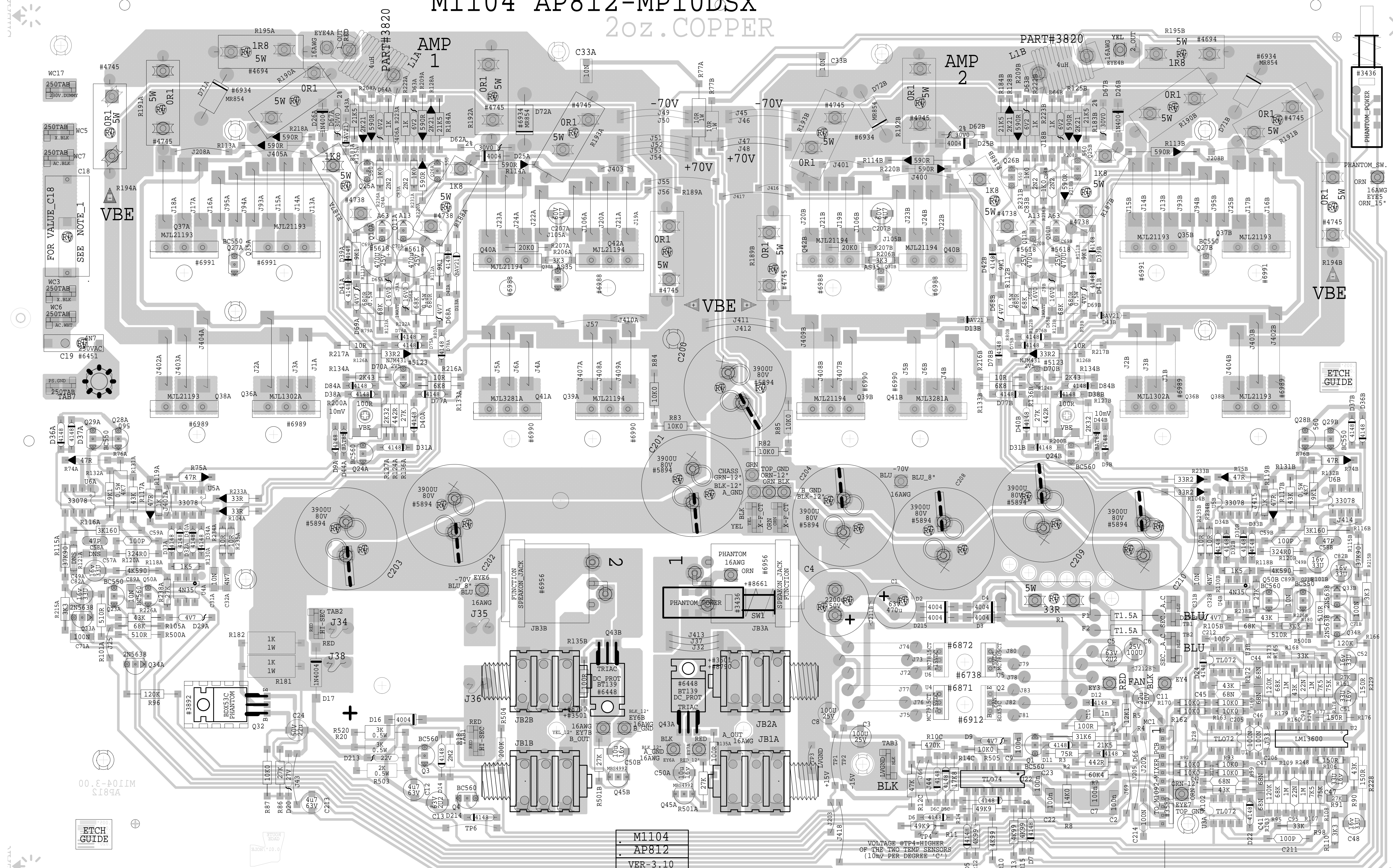
TEMPERATURE SENSE

TURN ON/OFF

M1104 SCH DATABASE HISTORY			
MODEL(S) :- AP812			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	MAY/15/97	2.00	POWER SUPPLY
2	JAN/25/99	2.10	CONNECTIONS AND PCB PWR SUPPLY
3			CE-XPMR_WIRN_COLOURS_UPDATED
4			
5			
6			
7			
8			
9			
10			

M1104 AP812-MP10DSX

2oz. COPPER



M1104
AP812
VER-3.10

ASSEMBLY M1104-3.10
PCB MECH M1104-3.10

BLANK SIZE=16.375"X11.000"

PRODUCTION NOTES

- C18 FOR NORTH AMERICAN IS 22N PT#6435
C18 FOR EXPORT (CE,S,E) IS 680N PT#5266
- Q32 MOUNTING HARDWARE #8861
#3501 #3692
#8701 Q32 HEATSINK
-

M1104.PCB_DATABASE_HISTORY			
MODEL(S):- AP812-MP10DSX-DJM806			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	MAR/25/97	1.00	FIRST PRODUCTION
2	MAY/15/97	2.00	PC#5372 ADD DIODES D22,D24 L1A/B #3759->#3820
3			
4	FEB/12/98	2.10	CHANGED ROUTING AT VBE_XTR'S
5	FEB/16/98	2.11	REVERSED ROUTING AT LAST VBE_XTR
6	FEB/27/98	3.00	PC#5622 C214 RADIAL->AXIAL
7	JUN/08/98	3.10	PC#5713 TP4 TO RADIAL JUMPER
8	MAR/25/99	V	PC#5951 c1 -420u to 1000u/35V PT#5635
9	D	N	
10	D	N	
11	D	N	

12_PIN MOLEX