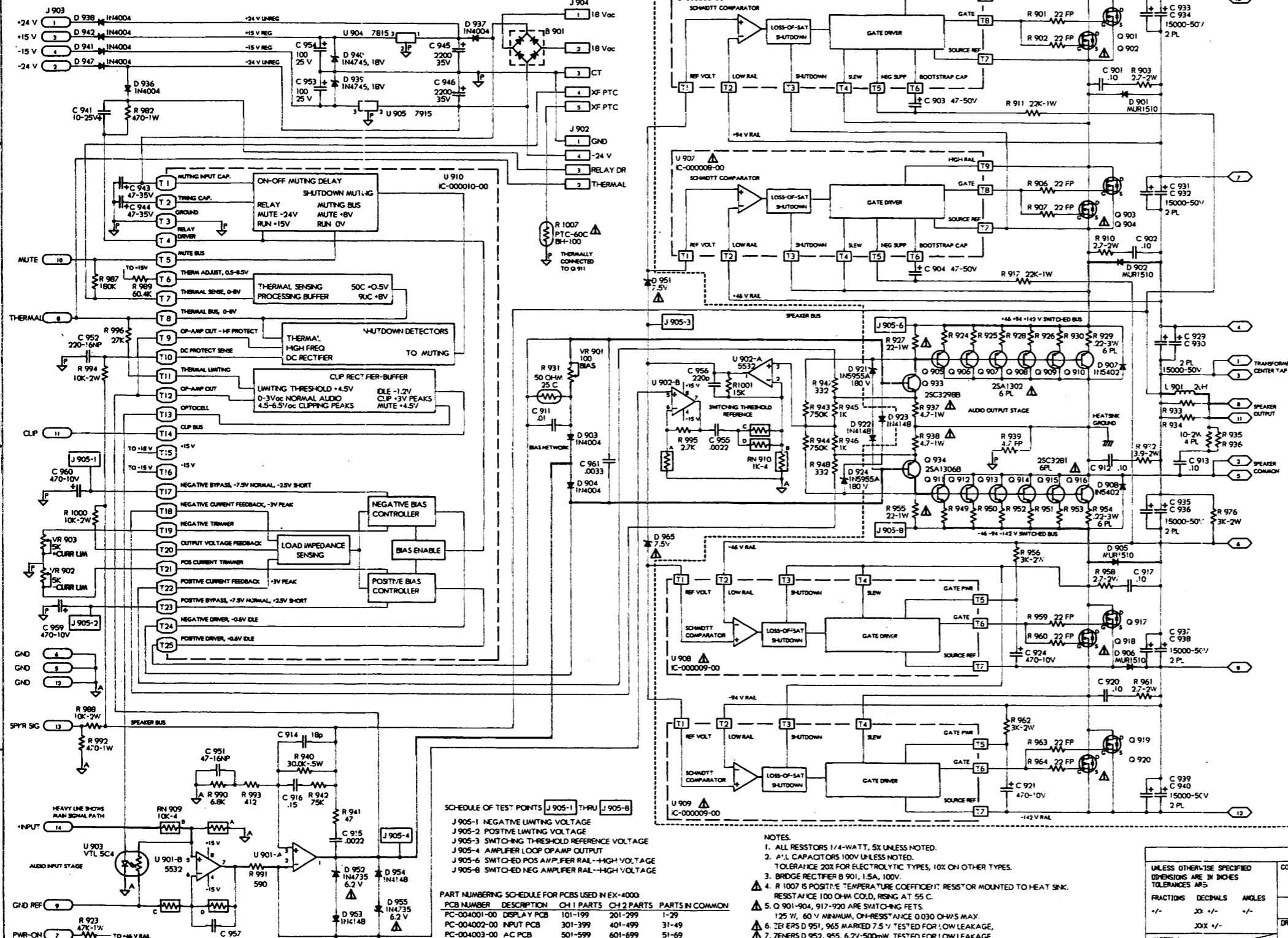


THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF JBL PROFESSIONAL PRODUCTS. THEY ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASIS FOR MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

SCHEMATIC, AMPLIFIER CHANNEL, MPA 1100
REV K, 10-14-92, FOR PC-004200-00 REV E



SCHEDULE OF TEST POINTS J 905-1 THRU J 905-8

- J 905-1 NEGATIVE LIMITING VOLTAGE
- J 905-2 POSITIVE LIMITING VOLTAGE
- J 905-3 SWITCHING THRESHOLD REFERENCE VOLTAGE
- J 905-4 AMPLIFIER LOOP OP-AMP OUTPUT
- J 905-5 SWITCHED POS AMPLIFIER RAIL-HIGH VOLTAGE
- J 905-6 SWITCHED NEG AMPLIFIER RAIL-HIGH VOLTAGE

PART NUMBERING SCHEDULE FOR PCBs USED IN EX-4000

PCB NUMBER	DESCRIPTION	CH 1 PARTS	CH 2 PARTS	PARTS IN COMMON
PC-004001-00	DISPLAY PCB	101-199	201-299	1-29
PC-004002-00	INPUT PCB	301-399	401-499	31-49
PC-004003-00	A-C PCB	501-599	601-699	51-69
PC-004004-00	SPKR PCB	701-799	801-899	71-99
PC-004200-00	AMP CHANNEL 901-UP (SAME BOARD FOR CH 1, CH 2)			

- NOTES:**
- ALL RESISTORS 1/4-WATT, 5% UNLESS NOTED.
 - ALL CAPACITORS 100V UNLESS NOTED.
 - BRIDGE RECTIFIER B 901, 1.5A, 100V.
 - R 1007 IS POSITIVE TEMPERATURE COEFFICIENT RESISTOR MOUNTED TO HEAT SINK. RESISTANCE 100 OHM COLD, RISING AT 55 C.
 - Q 901-904, 917-920 ARE SWITCHING FETS. 125 V, 60 V MINIMUM, ON-RESISTANCE 0.030 OHMS MAX.
 - TRANSISTORS D 951, 965 MARKED 7.5 V TESTED FOR LOW LEAKAGE.
 - TRANSISTORS D 952, 955, 6.2V-500mW, TESTED FOR LOW LEAKAGE.
 - PARTS MARKED WITH TRIANGLE MUST BE REPLACED WITH EXACT TYPE ONLY.
 - PARTS ENCLOSED WITHIN DOTTED OUTLINE HAVE VOLTAGES GREATER THAN 42V.

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	PROD. REL. PER ECO 762	7-2-90	
	B	PROD. REL. PER ECO 789 LG	8-22-90	
	C	PER REL. PER ECO 885 GLF	1-8-91	
	D	PER REL. PER ECO 1040 GLF	3-21-91	
	E	PER REL. PER ECO 1095 GLF	6-10-91	SGM
	F	REVISED PER ECO 1198 WR	8-9-91	SGM
	G	REVISED PER ECO 1262 LG	10-9-91	SGM
	H	REVISED PER ECO 1290 PHQ	11-6-91	SGM
	J	REVISED PER ECO 1367, R 987 PHQ	1-27-92	SGM
	K	REVISED PER ECO 1462, R 996, R 991, U 903 SGM	10-14-92	SGM
	L	REVISED PER ECO 1692, R 989 WR	12-15-92	SGM
	M	REVISED PER ECO 1724 LG	1-29-93	SGM

FEB 02 1993

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE	CONTRACT NO.	JBL Professional Products	
FRACTIONS DECIMALS ANGLES	APPROVALS	Northridge, California	
1/16 0.0625 30°	DATE	SCHEMATIC MPA - 1100	
1/32 0.03125 15°	PHQ	AMPLIFIER CHANNEL	
1/64 0.015625 7.5°	DATE	6-19-90	
1/128 0.0078125 3.75°	ISSUED	SIZE FSCH NO.	
1/256 0.00390625 1.875°	DATE	DWG NO. SH-004000-00	
1/512 0.001953125 0.9375°	SCALE	SHEET 1 OF 1	
DO NOT SCALE DRAWING	SH-00001.FCD	SCALE 0.8"5"	