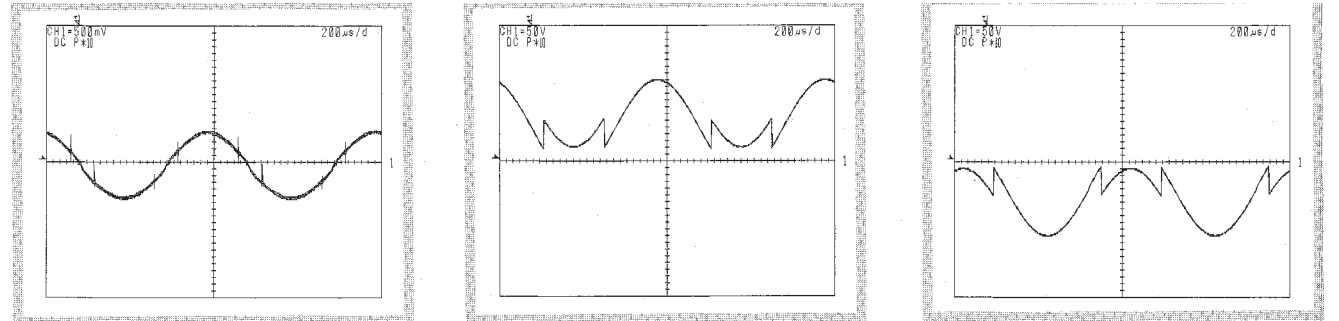


MX1500a Schematic

SCHEMATIC, 2-CH POWER AMPLIFIER, MX-1500-A
 REV B3, 11-4-91, PER PC-001510-00 REV B, PC-001511-00 REV B, PC-001512-00 REV B
 DOC NO. 34-001510-00 FILE NO. S4-1510B.FCD, SEED FILE S41510B3.FCD



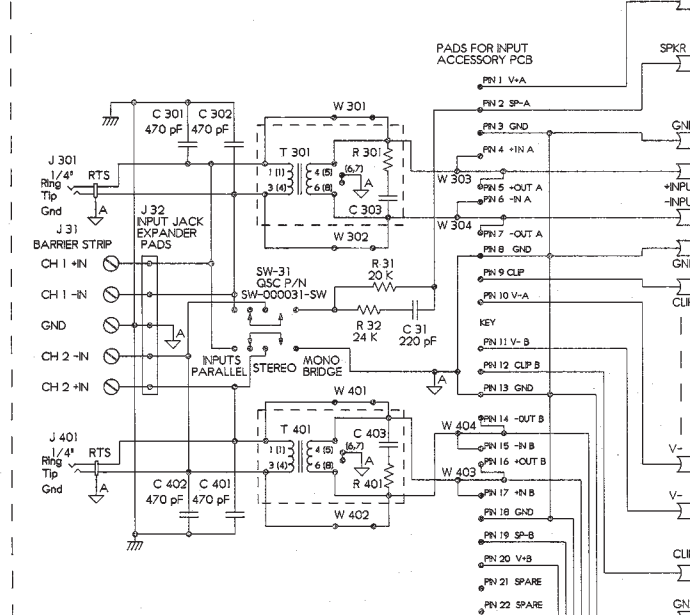
PART NUMBERING SCHEDULE FOR PCBs USED IN MX-1500-A:

PCB NUMBER	DESCRIPTION	CH 1 PARTS	CH 2 PARTS	PARTS IN COMMON
PC-001511-00	DISPLAY PCB	101-199	201-299	10-29
PC-001512-00	INPUT PCB	301-399	401-499	31-49
PC-001513-00	AHP PCB	501-599	601-699	51-69
PC-004103-00	AC PCB	901-UP (CH 1),	CH 2 ON SAME PCB	

SCHEDULE OF TEST POINTS J 502-1 ETC

CH-A	CH-B
J 502-1	J 602-1
J 502-2	J 602-2
J 502-3	J 602-3
J 502-4	J 602-4
J 502-5	J 602-5
J 502-6	J 602-6
J 502-7	J 602-7
J 502-8	J 602-8

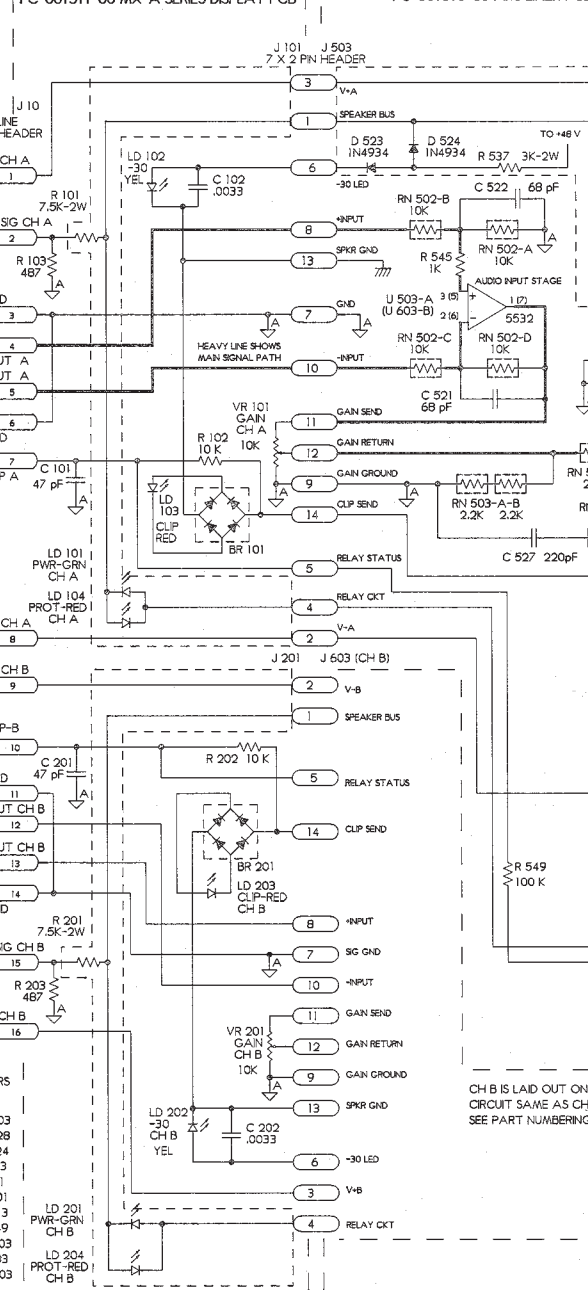
PC-001512-00 MX-A SERIES INPUT PCB



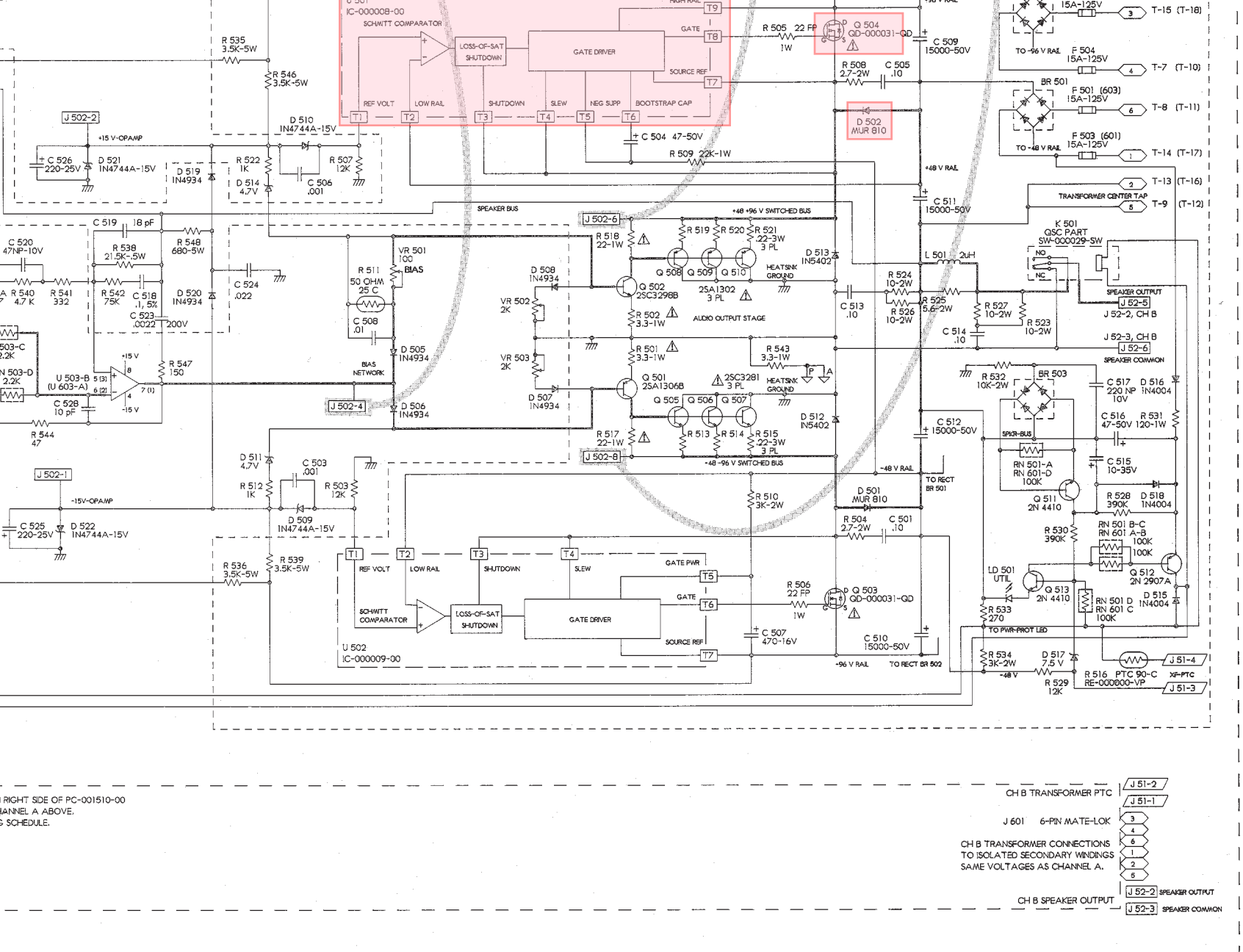
- INPUT PCB NOTES**
- BOARD SHIPPED WITH W 301-304, W 401-404 MOUNTED AS SHOWN.
 - PARTS WITHIN DOTTED OUTLINE FOR USER MODIFICATION. SEE MANUAL.
 - TRANSFORMER PIN NUMBERS: 1-6 TRIAD TY-144P (1-8 JENSEN JT 8043)

REV NOTES, REMOVE FOR RELEASE PRINTS.

PC-001511-00 MX-A SERIES DISPLAY PCB



PC-001510-00 AMPLIFIER PCB



- NOTES**
- CH B IDENTICAL TO CH A, EXCEPT PART NUMBER SEQUENCE R 601, 602 ETC.
 - ALL RESISTORS 1/4-WATT, 5% UNLESS NOTED.
 - ALL CAPACITORS 100V UNLESS NOTED.
 - TOLERANCE 20% FOR ELECTROLYTIC TYPES, 10% ON OTHER TYPES.
 - R 516, 616 IS POSITIVE TEMPERATURE COEFFICIENT RESISTOR, MTD TO HEAT SINK. RESISTANCE 100 OHM COLD, RISING AT 85 C. OSC P/N QD-000000-PT.
 - Q 503, 504, 603, 604 ARE SWITCHING FETS. OSC P/N QD-000031-QD.
 - ZENERS D 517, 617, MARKED 7.5 V, LOW LEAKAGE, OSC P/N QD-0007-5-ZT.
 - BRIDGE RECTIFIER BR 503, 603, 1.5A, 100V.
 - PARTS MARKED WITH TRIANGLE REPLACE WITH EXACT TYPE ONLY.
 - PARTS WITHIN DOTTED OUTLINE - - - VOLTAGES GREATER THAN 42V.

LAST USED REFERENCE DESIGNATORS

CHANNEL A---B	BRIDGE RECTIFIER	CAPACITOR	DIODE	JUMPER	INDUCTOR	LED	TRANSISTOR	RESISTOR	RESISTOR NETWORK	INTEGRATED CIRCUIT	VARIABLE RESISTOR
	BR 503-603	C 528-628	D 524-624	J 503-603	L 501-601	LD 501-601	Q 513-613	R 549-649	RN 503-603	U 503-603	VR 503-603

CH B IS Laid OUT ON RIGHT SIDE OF PC-001510-00 CIRCUIT SAME AS CHANNEL A ABOVE. SEE PART NUMBERING SCHEDULE.

