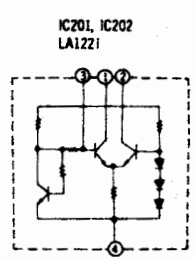
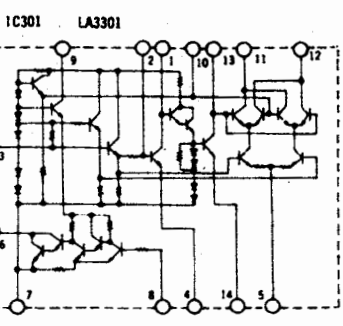
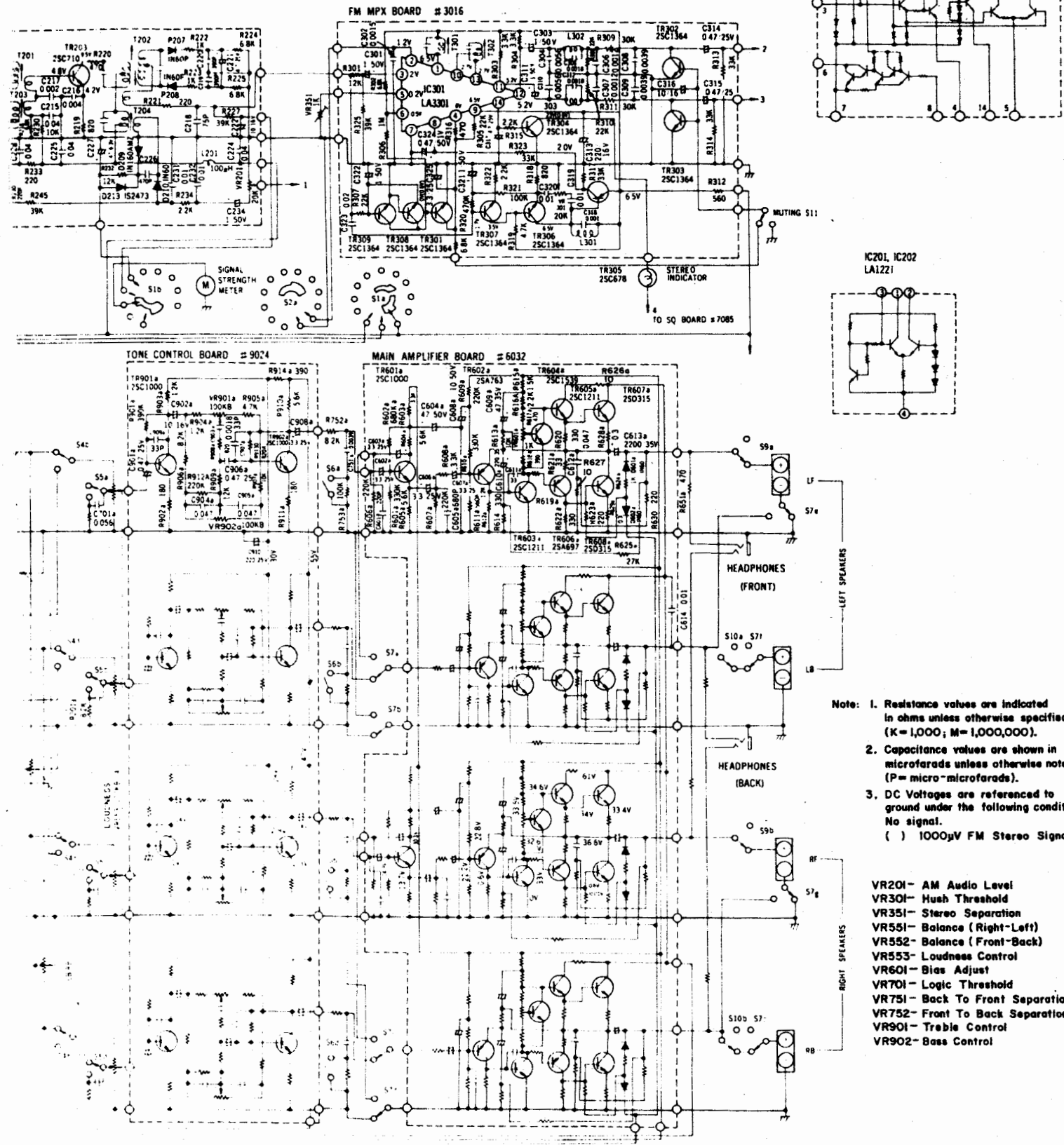


AATIC DIAGRAM

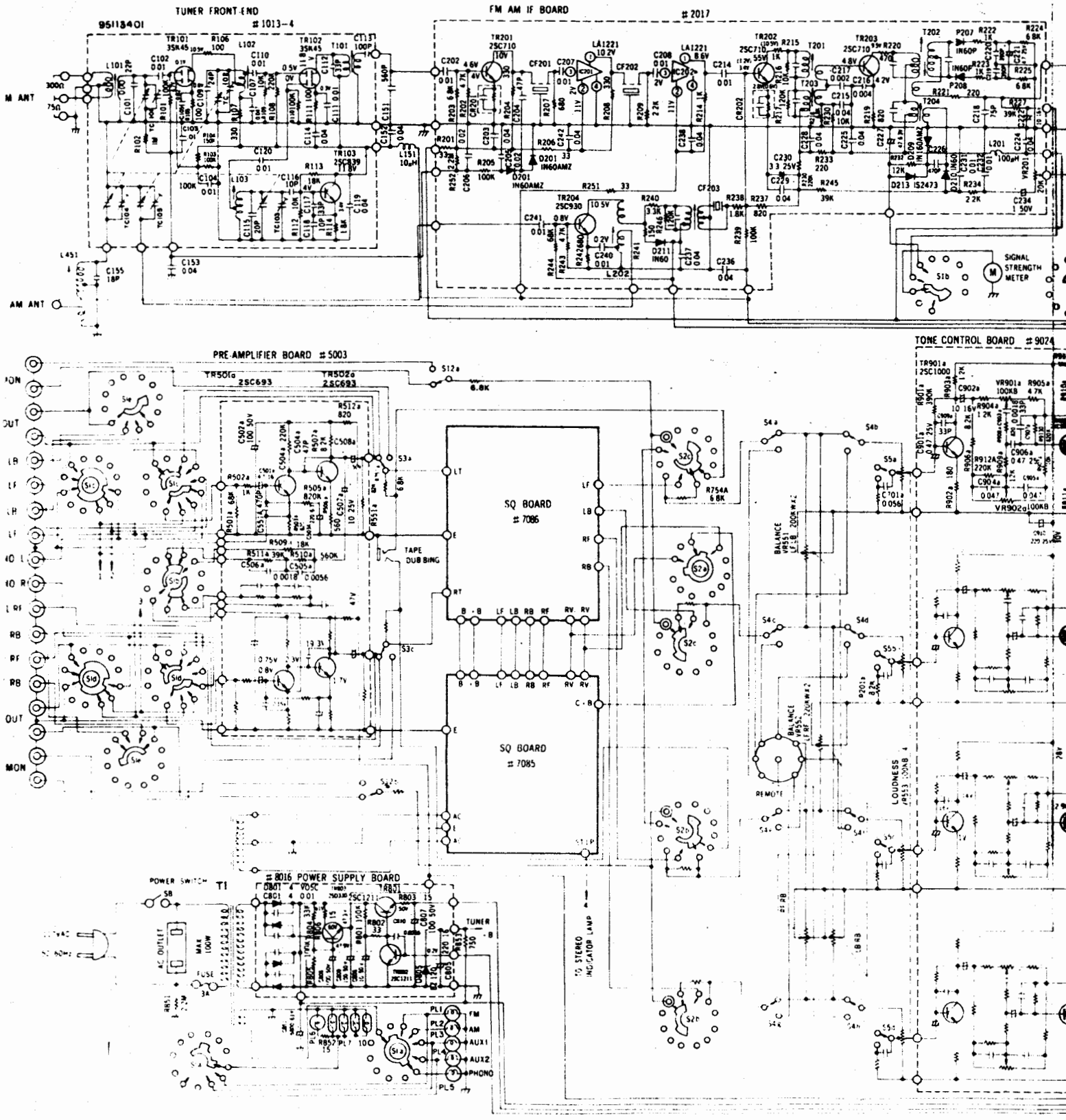


Note:

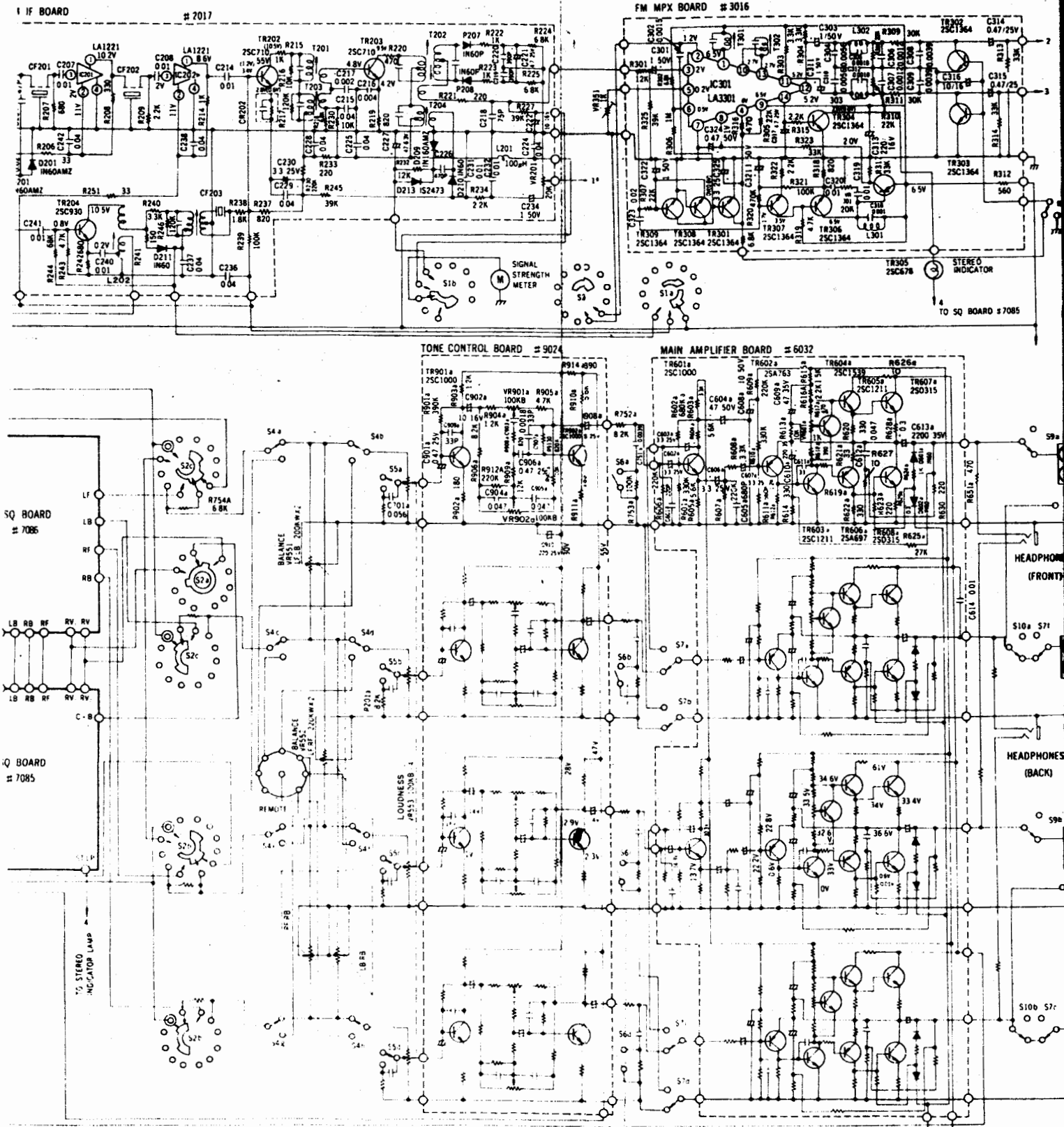
1. Resistance values are indicated in ohms unless otherwise specified (K=1,000; M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise noted (P= micro-microfarads).
3. DC Voltages are referenced to ground under the following conditions.
No signal.
() 1000 μ V FM Stereo Signal.

- VR201- AM Audio Level
- VR301- Hush Threshold
- VR351- Stereo Separation
- VR551- Balance (Right-Left)
- VR552- Balance (Front-Back)
- VR553- Loudness Control
- VR601- Bias Adjust
- VR701- Logic Threshold
- VR751- Back To Front Separation
- VR752- Front To Back Separation
- VR901- Treble Control
- VR902- Bass Control

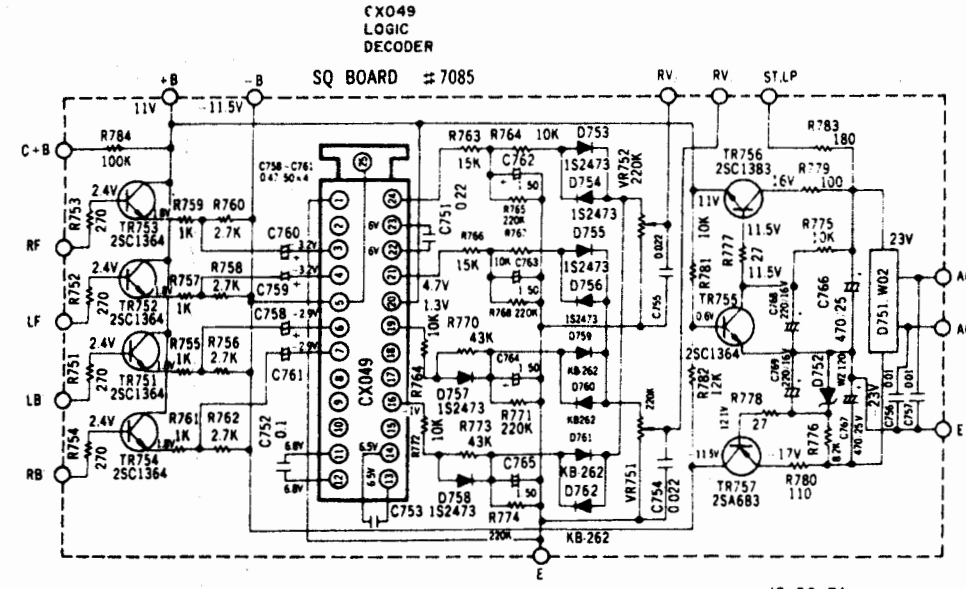
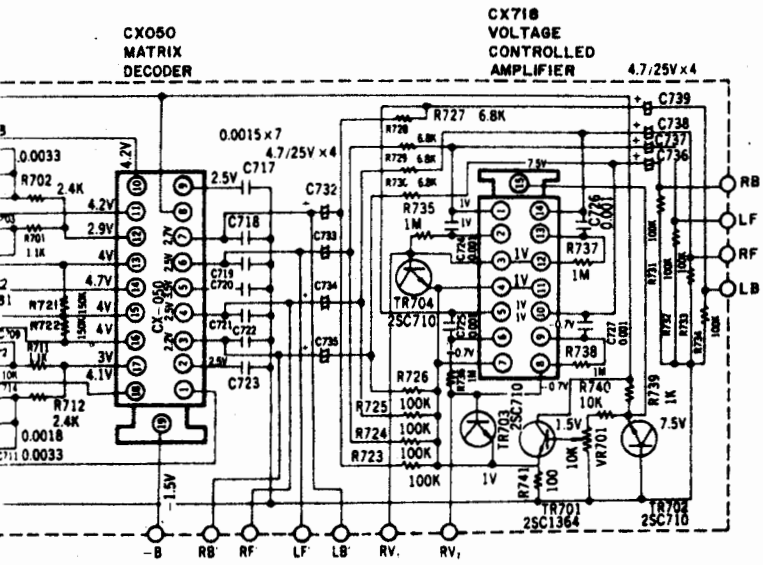
SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



Sherwood S-7244



- SWITCHES**
- S1: INPUT SELECOR
 - S2: MODE SELECTOR
 - S3: TAPE MONITOR (FRONT)
 - S4: REMOTE
 - S5: LOUDNESS
 - S6: HIGH FILTER
 - S7: 2CH/4CH MODE
 - S8: POWER
 - S9: SPEAKERS (FRONT)
 - S10: SPEAKERS (BACK)
 - S11: MUTING
 - S12: TAPE MONITOR (BACK)

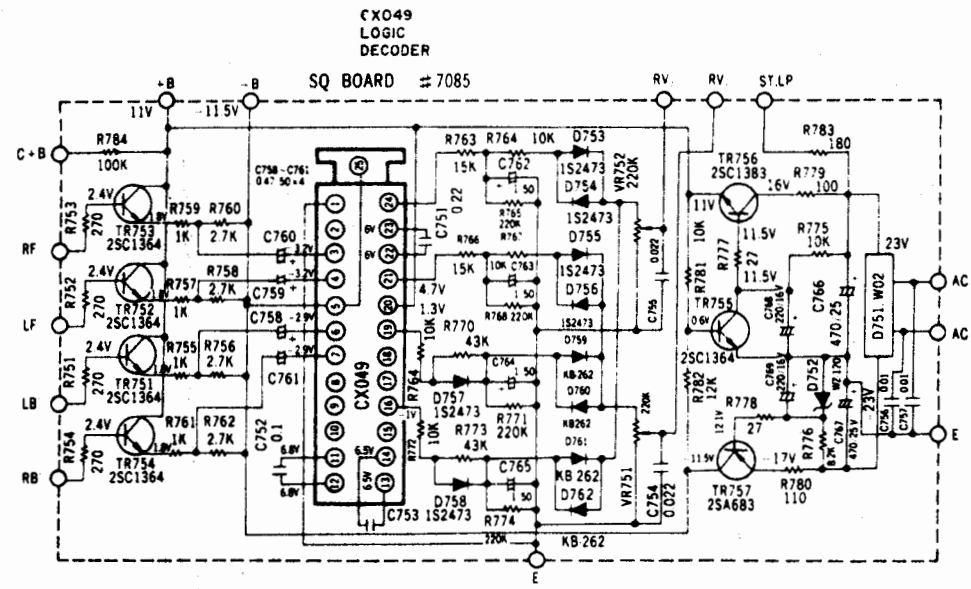
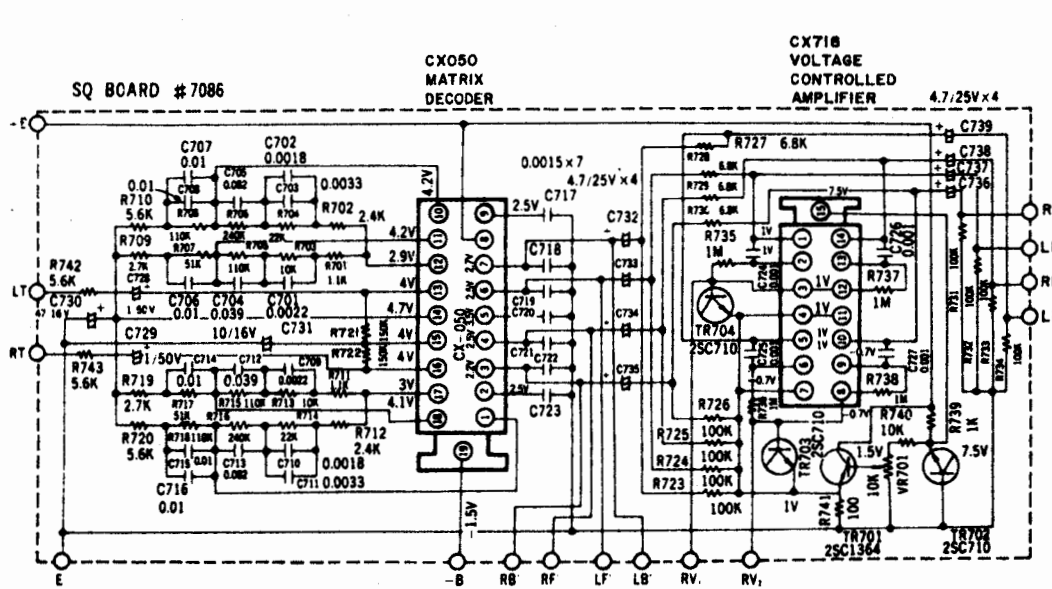
10-29-74

SUBSTITUTE TRANSISTOR

TR101, TR102	3SK37, 3SK41, 3SK35
TR103	2SC710, 2SC1047
TR201 ~ 203	2SC930, 2SC380, 2SC929
TR204	2SC710, 2SC380, 2SC929
TR301 ~ 304	2SC828, 2SC537, 2SC1363

	3SK 45
	2SC678
	2SC 1364 2SC710 2SA 697 2SC1211
	2SC 693
	2SC1000
	2SA 763 2SC 1383 2SA 683 2SC 839

Sherwood S-7244



10-29-74

5A4

SUBSTITUTE TRANSISTOR

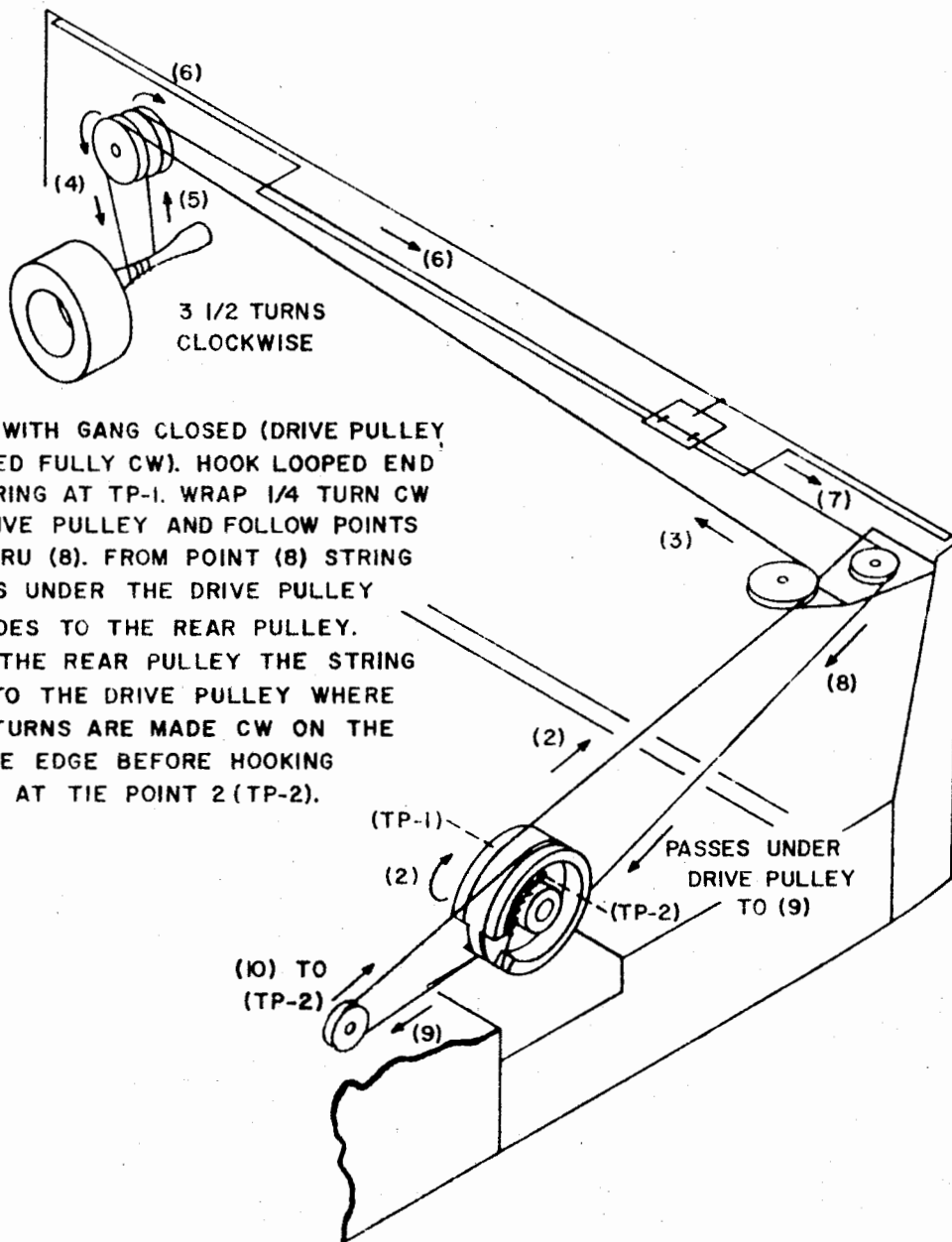
TR101, TR102	3SK37, 3SK41, 3SK35
TR103	2SC710, 2SC1047
TR201 ~ 203	2SC930, 2SC380, 2SC929
TR204	2SC710, 2SC380, 2SC929
TR301 ~ 304	2SC828, 2SC537, 2SC1363

	3SK 45
	2SC678
	2SC 1364 2SC710 2SA 697 2SC1211
	2SC 693
	2SC1000
	2SA 763 2SC 1383 2SA 683 2SC 839

3. Adjust the AM generator for 600KHz. If required, adjust the AM oscillator coil (L202) so that the generator signal is received by the receiver at 600KHz, as indicated on the dial scale. Adjust the rod antenna core (located at the end of the antenna rod assembly) for maximum output as indicated on the scope/VTVM.
4. Tune the receiver and generator to a point of no interfering signal near 1400KHz. Check the dial calibration and if necessary, adjust the AM oscillator trimmer (TC105) for optimum dial calibration. Adjust the antenna trimmer (TC104) for maximum output.
5. Repeat steps 3 and 4 until no further improvement is obtained.

MECHANICAL DETAILS

DIAL STRING:



START WITH GANG CLOSED (DRIVE PULLEY ROTATED FULLY CW). HOOK LOOPED END OF STRING AT TP-1. WRAP 1/4 TURN CW ON DRIVE PULLEY AND FOLLOW POINTS (2) THRU (8). FROM POINT (8) STRING PASSES UNDER THE DRIVE PULLEY AND GOES TO THE REAR PULLEY. FROM THE REAR PULLEY THE STRING GOES TO THE DRIVE PULLEY WHERE 1 3/4 TURNS ARE MADE CW ON THE OUTSIDE EDGE BEFORE HOOKING SPRING AT TIE POINT 2 (TP-2).

Draw #100

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE
TRANSISTOR 15, PPT 15, SPECIFICATION LIST