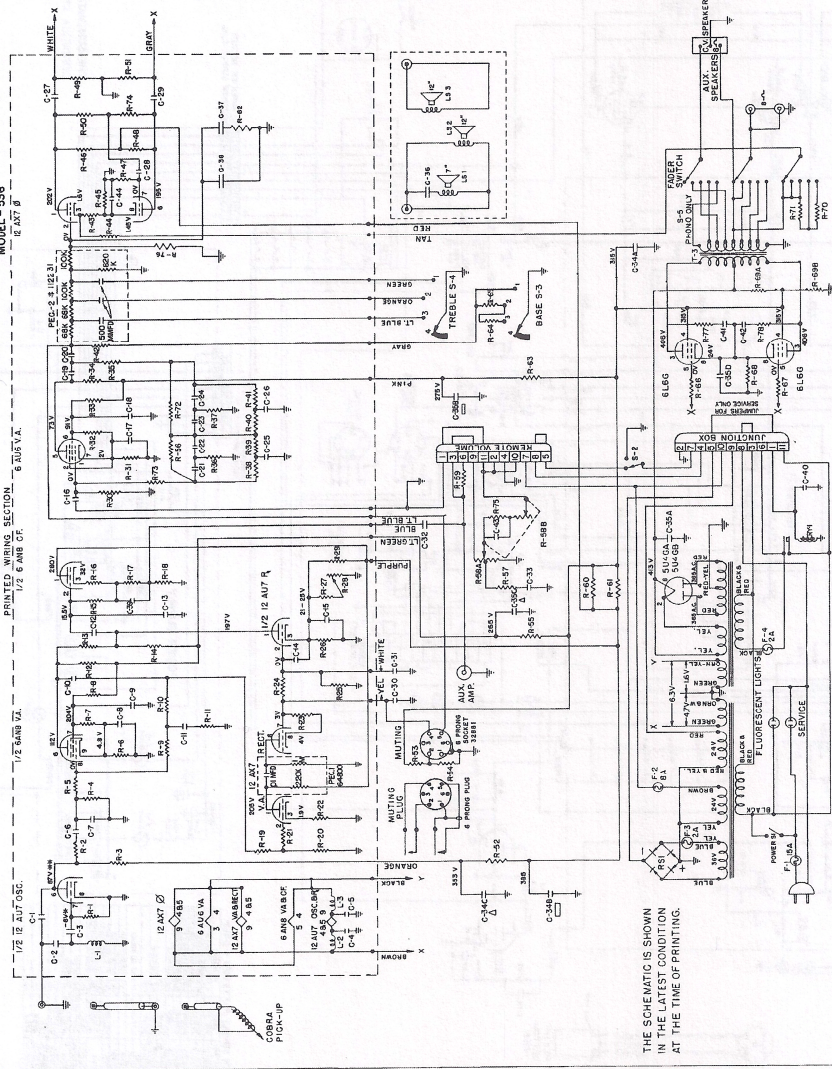


SCHEMATIC SOUND SYSTEM
MODEL - 536



A.C. SIGNAL VOLTAGE CHART
USE BALLTUNE V.T.V.M. OR HEADPHONES IN PLACE OF CYCLE CAPACITOR TO JUNCTION OF R-4, R-5, C-4 AND C-7. USE 5 OHM, 20 WATT RESISTOR AS OUTPUT LOAD.

MEASURE A.C. VOLTAGES TO GROUND

TUBE	1	2	3	4	5	6	7	8	9
6X4	150	150	150	150	150	150	150	150	150
6X5	150	150	150	150	150	150	150	150	150
6X6	150	150	150	150	150	150	150	150	150

D.C. AND FILAMENT VOLTAGES

TUBE	1	2	3	4	5	6	7	8	9
6X4	150	150	150	150	150	150	150	150	150
6X5	150	150	150	150	150	150	150	150	150
6X6	150	150	150	150	150	150	150	150	150

SYMBOLS & NOTES
 Ø - PHASE INVERTERS
 VA - VOLTAGE AMPLIFIER
 R - VARIABLE RESISTANCE TUBE
 ** - AND CIRCUIT OSCILLATING - PLUGGED IN
 * - WITH PHONO PICK-UP PLUGGED IN
 ALL D.C. VOLTAGES MEASURED FROM GND. USING A V.T.V.M. NO SIGNAL AT 17 VOLT LINE EXCEPT AS NOTED ABOVE.

THE SCHEMATIC IS SHOWN IN THE LATEST CONDITION AT THE TIME OF PRINTING.

ITEM	PART NO.	VALUE	REMARKS
C-1	7025-265	51 MFD	2 1/2% CERAMIC
C-2	7127-12	0.1 MFD	50 V. ELECT.
C-3	7076-5	.0033 MFD	CERAMIC
C-4	7076-5	.0033 MFD	CERAMIC
C-5	7127-12	0.1 MFD	50 V. ELECT.
C-6	7127-12	0.1 MFD	50 V. ELECT.
C-7	7058-100	100 MFD	50 V. ELECT.
C-8	7127-12	0.1 MFD	50 V. ELECT.
C-9	7127-12	0.1 MFD	50 V. ELECT.
C-10	7076-5	.0033 MFD	CERAMIC
C-11	7058-230	47 MFD	CERAMIC
C-12	7058-230	47 MFD	CERAMIC
C-13	7058-230	47 MFD	CERAMIC
C-14	7076-5	.0033 MFD	CERAMIC
C-15	7098-52	21 MFD	100 V. ELECT.
C-16	7098-52	21 MFD	100 V. ELECT.
C-17	7384-31	25 MFD	25 V. ELECT.
C-18	7127-12	0.1 MFD	50 V. ELECT.
C-19	7127-12	0.1 MFD	50 V. ELECT.
C-20	7127-12	0.1 MFD	50 V. ELECT.
C-21	7127-12	0.1 MFD	50 V. ELECT.
C-22	7127-12	0.1 MFD	50 V. ELECT.
C-23	7127-12	0.1 MFD	50 V. ELECT.
C-24	7127-12	0.1 MFD	50 V. ELECT.
C-25	7127-12	0.1 MFD	50 V. ELECT.
C-26	7127-12	0.1 MFD	50 V. ELECT.
C-27	7127-12	0.1 MFD	50 V. ELECT.
C-28	7127-12	0.1 MFD	50 V. ELECT.
C-29	7127-12	0.1 MFD	50 V. ELECT.
C-30	7127-12	0.1 MFD	50 V. ELECT.
C-31	7127-12	0.1 MFD	50 V. ELECT.
C-32	7127-12	0.1 MFD	50 V. ELECT.
C-33	7127-12	0.1 MFD	50 V. ELECT.
C-34	7127-12	0.1 MFD	50 V. ELECT.
C-35	7127-12	0.1 MFD	50 V. ELECT.
C-36	7127-12	0.1 MFD	50 V. ELECT.
C-37	7127-12	0.1 MFD	50 V. ELECT.
C-38	7127-12	0.1 MFD	50 V. ELECT.
C-39	7127-12	0.1 MFD	50 V. ELECT.
C-40	7127-12	0.1 MFD	50 V. ELECT.
C-41	7127-12	0.1 MFD	50 V. ELECT.
C-42	7127-12	0.1 MFD	50 V. ELECT.
C-43	7127-12	0.1 MFD	50 V. ELECT.
C-44	7127-12	0.1 MFD	50 V. ELECT.
C-45	7127-12	0.1 MFD	50 V. ELECT.
C-46	7127-12	0.1 MFD	50 V. ELECT.

ITEM	PART NO.	VALUE	REMARKS
L-1	6472		OSCILLATOR COIL
L-2	6470		FILTER CHOKE
L-3	5348		POWER SWITCH
S-1	5348		POWER SWITCH
S-2	6870		CHASSIS SWITCH
S-3	6870		CHASSIS SWITCH
S-4	6457		4 POS. SHOCKING
S-5	6457		4 POS. SHOCKING
T-1	6183		FUNCTION POWER
T-2	6183		FUNCTION POWER
T-3	6430		AUDIO OUTPUT
P-1	3256		RELAY
P-2	3256		RELAY
F-1	1348		FUSE
F-2	1348		FUSE
F-3	5425		2 AMP. FUSE
L-5	11054		SLO-BLO FUSE
L-6	11054		SLO-BLO FUSE
L-7	5092		1" SPEAKER MID RANGE
L-8	5092		1" SPEAKER MID RANGE
REC-1	6400		REC. WITH VOLUME CONTROL
REC-2	6400		REC. WITH VOLUME CONTROL
REC-3	11231		PLATE COUPLING
REC-4	11231		TONE CONTROL - VARIABLE

Fig. 102. 536 SOUND SYSTEM SCHEMATIC WIRING DIAGRAM