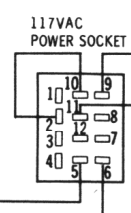
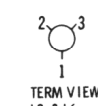
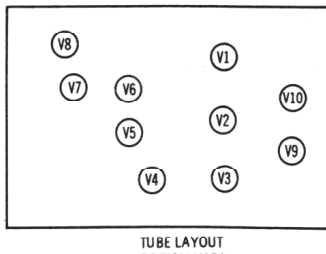


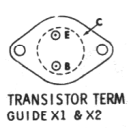
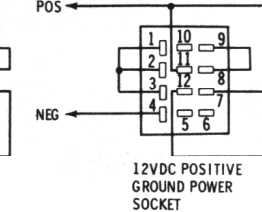
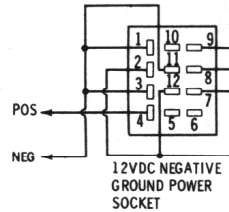
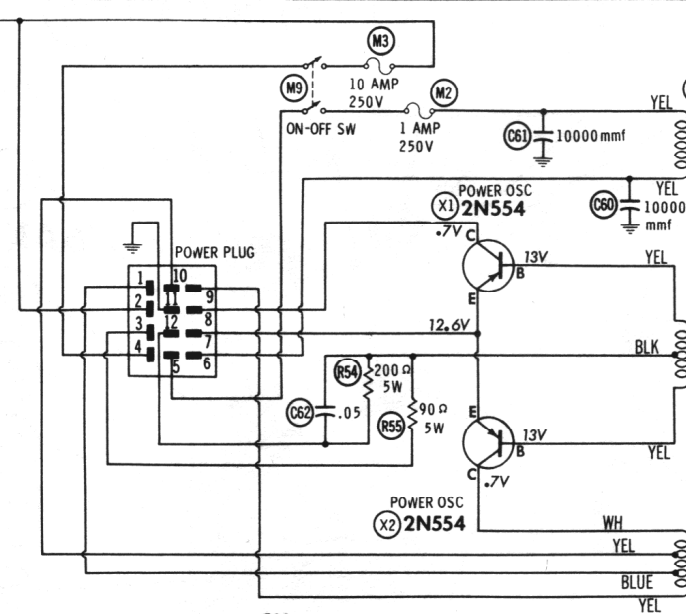
RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6BA6	1.3 meg	0 Ω	0 Ω	.1 Ω	+1000 Ω	+1000 Ω	68 Ω		
V2	6U8	+15K	470K	+34K	1 Ω	.1 Ω	+1000 Ω	6800 Ω	0 Ω	100K
V3	6BA6	2 meg	0 Ω	.1 Ω	.1 Ω	+1000 Ω	+100K	150 Ω		
V4	6BA6	1 meg	0 Ω	.1 Ω	.1 Ω	+1000 Ω	+1000 Ω	560 Ω		
V5	6AL5	1.3 meg	1 meg	0 Ω	.1 Ω	15K	0 Ω	500K		
V6	12AX7	+220K	0 Ω	27K	.1 Ω	0 Ω	+200K	+200K	1 meg	.1 Ω
V7	12AX7	+225K	470K	5000 Ω	.1 Ω	.1 Ω	+225K	22K	5000 Ω	0 Ω
V8	6AQ5	470K	500 Ω	.1 Ω	0 Ω	+1700 Ω	+1500 Ω	470K		
V9	6U8	+7500 Ω	56K	+16K	.1 Ω	.1 Ω	+6500 Ω	560 Ω	0 Ω	100K
V10	6AK6	20K	0 Ω	.1 Ω	0 Ω	+1800 Ω	+6700 Ω	100 Ω		

TRANSISTOR CIRCUIT RESISTANCE NOT GIVEN BECAUSE OF THE WIDE VARIATION IN INTERNAL TRANSISTOR RESISTANCE. ALL MEASUREMENTS TAKEN IN "RECEIVE" POSITION UNLESS OTHERWISE INDICATED.
 † MEASURED FROM JUNCTION OF R56 AND C31 (100VOLT SOURCE).
 ‡ MEASURED FROM OUTPUT OF M1.
 ■ MEASURED IN "TRANSMIT" POSITION.



117VAC
42 WATTS (RECEIVE)
50 WATTS (TRANSMIT)



NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

- DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
 - Socket connections are shown as bottom views.
 - Measured values are from socket pin to common ground.
 - Line voltage maintained at 117 volts for voltage readings.
 - Nominal tolerance on component values makes possible a variation of +15% in voltage and resistance readings.
 - Volume control at maximum, no signal applied for voltage measurements.
- DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM
 ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

REALISTIC
MODEL TRC-27 (94L595)