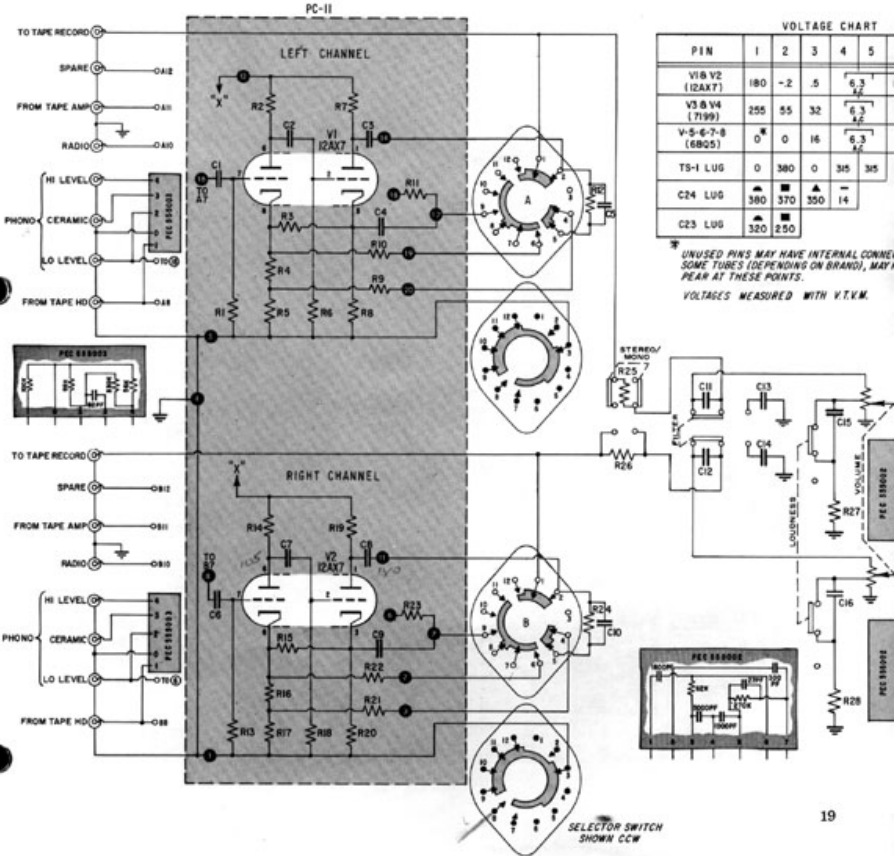


All resistors are 1/2 watt, 10% unless otherwise noted.

- | | | | | |
|-----------------------------|-----------------------------|-------------------------|--------------------------|----------|
| R 1 1.2 megohms | R 18 1.2 megohms | R 35 470,000 ohms | C 9 330 pf mica 5% | D 1 |
| R 2 150,000 ohms 1 watt 5% | R 19 47,000 ohms | R 36 470,000 ohms | C 10 3.3 nf 10% | D 2 |
| R 3 5,600 ohms 5% | R 20 390 ohms | R 37 82,000 ohms 5% | C 11 10 nf 10% | volume |
| R 4 120 ohms 1 watt 5% | R 21 18,000 ohms 5% | R 38 22,000 ohms | C 12 10 nf 10% | balance |
| R 5 120 ohms 1 watt 5% | R 22 100,000 ohms 5% | R 39 2200 ohms 1 watt | C 13 3.3 nf 10% | treble c |
| R 6 1.2 megohms | R 23 47,000 ohms | R 40 2200 ohms 1 watt | C 14 3.3 nf 10% | hum co |
| R 7 47,000 ohms | R 24 1.5 megohms | R 41 50 ohms 5 watts | C 15 22 nf 10% | V 1 |
| R 8 390 ohms | R 25 10,000 ohms | R 42 95 ohms 5 watts 5% | C 16 22 nf 10% | V 2 |
| R 9 18,000 ohms 5% | R 26 10,000 ohms | C 1 1 mfd @ 16 v. | C 17 1 mfd @ 16 v. | V 3 |
| R 10 100,000 ohms 5% | R 27 18,000 ohms | C 2 22 nf @ 400 v. | C 18 1 mfd @ 250 v. | V 4 |
| R 11 47,000 ohms | R 28 18,000 ohms | C 3 1 mfd @ 400 v. | C 19 1 mfd @ 400 v. | V 5 |
| R 12 1.5 megohms | R 29 4.7 megohms | C 4 330 pf mica 5% | C 20 1 mfd @ 400 v. | V 6 |
| R 13 1.2 megohms | R 30 270,000 ohms 1 watt 5% | C 5 3.3 nf 10% | C 21 12 pf @ 600 v. 5% | V 7 |
| R 14 150,000 ohms 1 watt 5% | R 31 560 ohms 5% | C 6 1 mfd @ 16 v. | C 22 .02 mfd @ 500 v. | V 8 |
| R 15 5,600 ohms 5% | R 32 22,000 ohms 1 watt 5% | C 7 22 nf @ 400 v. | C 23 50/150 mfd @ 450 v. | V 9 |
| R 16 120 ohms 1 watt 5% | R 33 120,000 ohms 5% | C 8 1 mfd @ 400 v. | C 24 60/40/20 @ 450 v. | V 10 |
| R 17 120 ohms 1 watt 5% | R 34 27,000 ohms 1 watt 5% | | 100 @ 25 v. | V 11 |



VOLTAGE CHART

PIN	1	2	3	4	5
V1B V2 (12AX7)	180	-2	.5	6.3	6.3
V3B V4 (7199)	255	55	32	6.3	6.3
V-5-6-7-8 (6BQ5)	0	0	16	6.3	6.3
TS-1 LUG	0	380	0	315	315
C24 LUG	▲	380	370	350	14
C25 LUG	▲	320	250		

* UNUSED PINS MAY HAVE INTERNAL CONNECTIONS. SOME TUBES (DEPENDENT ON BRAND), MAY PEAK AT THESE POINTS.

VOLTAGES MEASURED WITH V.T.M.