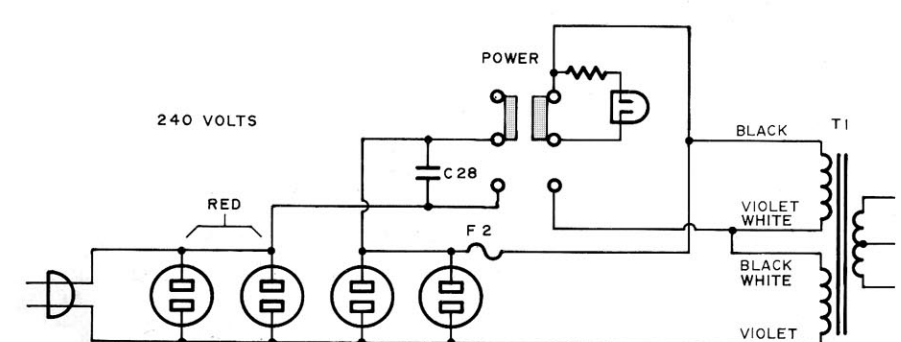
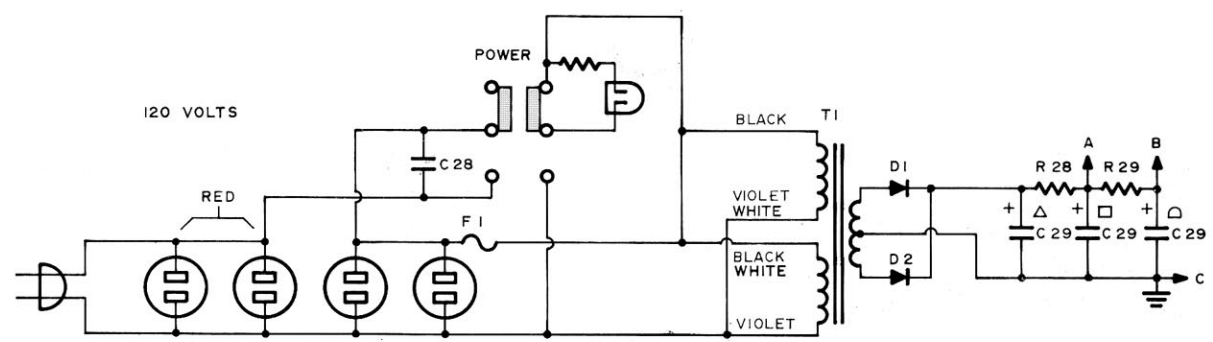


LUG 9 LUG 12
FRONT WAFER OF
SELECTOR SWITCH
(RIGHT CH)

9 10
EYELETS ON
PC 16 FOR
RIGHT CH.



SCHEMATIC
DIAGRAM

COMPONENT VALUES

All resistors are 1/2 watt, 5% unless otherwise indicated.

R 1 4,700 ohms 113472	R 17 68,000 ohms 113683	C 1 5 mfd, 15 v. 283505	C 17 .047 mfd 265473
R 2 120 ohms 133121	R 18 33 ohms 113330	C 2 100 pf 245101	C 18 .068 mfd 265683
R 3 33,000 ohms 113333	R 19 120,000 ohms 113124	C 3 100 mfd, 6 v. 281107	C 19 .015 mfd 265153
R 4 330 ohms 113331	R 20 620 ohms, one watt 116621	C 4 50 mfd, 25 v. 283516	C 20 .22 mfd 266224
R 5 100,000 ohms 113104	R 21 4,700 ohms 113472	C 5 .056 mfd 265563	C 21 50 mfd, 25 v. 283516
R 6 3,300 ohms 113332	R 22 68 ohms, 10% 112680	C 6 .015 mfd 265153	C 22 .027 mfd 266273
R 7 56,000 ohms 113563	R 23 560 ohms 113561	C 7 .001 mfd 244102	C 23 .0033 mfd 265332
R 8 4,700 ohms 113472	R 24 18,000 ohms 113183	C 8 .015 mfd 265153	C 24 .015 mfd 265153
R 9 4,700 ohms 113472	R 25 15,000 ohms 113153	C 9 1 mfd, 15 v. 283105	C 25 .0047 mfd 266472
R 10 330,000 ohms 113334	R 26 15,000 ohms 113153	C 10 1 mfd, 15 v. 283105	C 26 .01 mfd 265103
R 11 3,000 ohms 113302	R 27 10,000 ohms 113103	C 11 .01 mfd 265103	C 27 .0082 mfd 266822
R 12 10,000 ohms 113103	R 28 220 ohms, 3 watt, 10% 120221	C 12 .022 mfd 265223	C 28 .02 mfd, 200 v. 227203
R 13 7,500 ohms 113752	R 29 3,300 ohms 113332	C 13 5 mfd, 15 v. 283505	C 29 700 mfd @ 60 v. ▲ 700 mfd @ 60 v. ■ 800 mfd @ 20 v. ▲ 294228
R 14 18,000 ohms 113183		C 14 100 pf 245101	
R 15 4,700 ohms 113472		C 15 250 mfd, 6 v. 281251	
R 16 390 ohms 113391		C 16 50 mfd, 25 v. 283516	

D 1 Silicon diode, 200 ma, 200 prv	544012
D 2 Silicon diode, 200 ma, 200 prv	544012
F 1 1/10 amp, slo-blo	341101
F 2 1/20 amp, slo-blo (alternate)	341051
L 71 53mh choke	422530
T 1 Transformer 10415	464018

TRANSISTORS			
Q 1	A2289/A116 or BC109B	200-400 Beta @ 1.5 v, .5 ma selected for low noise	572289
Q 2	A2387/A104 or BC109B	200-400 Beta @ 1.5 v, .5 ma	572104
Q 3	A2289/A116 or BC109B	200-400 Beta @ 1.5 v, .5 ma	572289
Q 4	40436/2N3053	200-500 Beta @ 10 v, 150 ma	572436

VOLTAGE TEST POINTS

Measured with VTVM from chassis reference, with 120 volt line. Tolerance: ±20%. All voltages DC unless otherwise specified.

CAPACITOR C-29

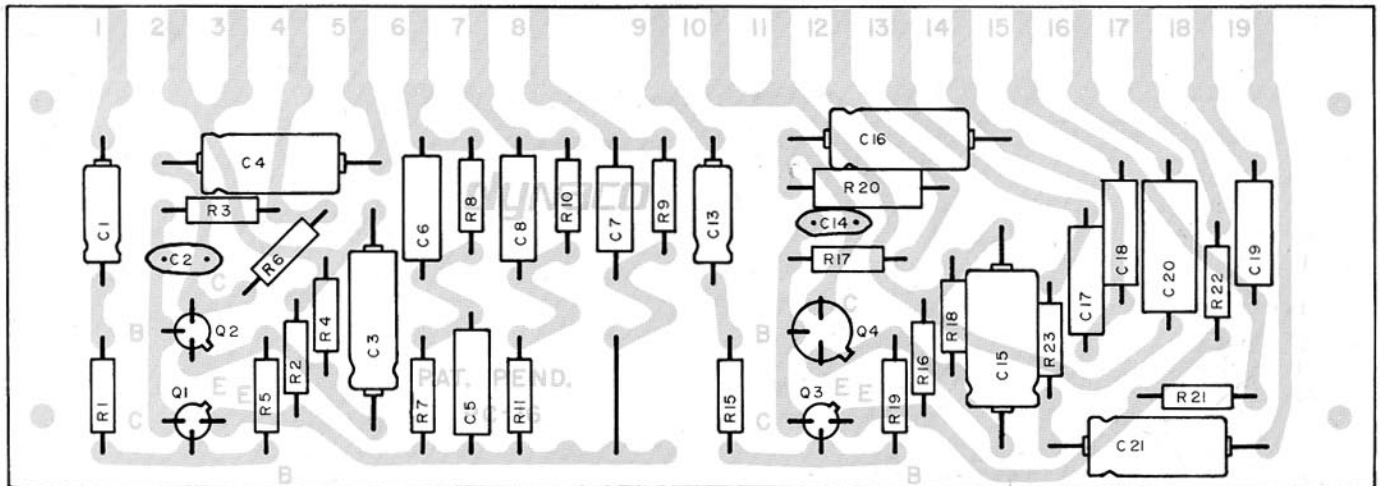
- ▲ 52
- 38
- ▲ 17.5

5 LUG TERMINAL STRIP

- #1 0 *
- #2 52
- #3 0
- #4 44 AC
- #5 44 AC

* In 240 volt version, 120 volts AC to either side of the line.

	Q 1	Q 2	Q 3	Q 4
E	.06	.8	.18	1.0
B	.65	1.4	.75	1.6
C	1.4	9.6	1.6	18



CIRCUIT BOARD