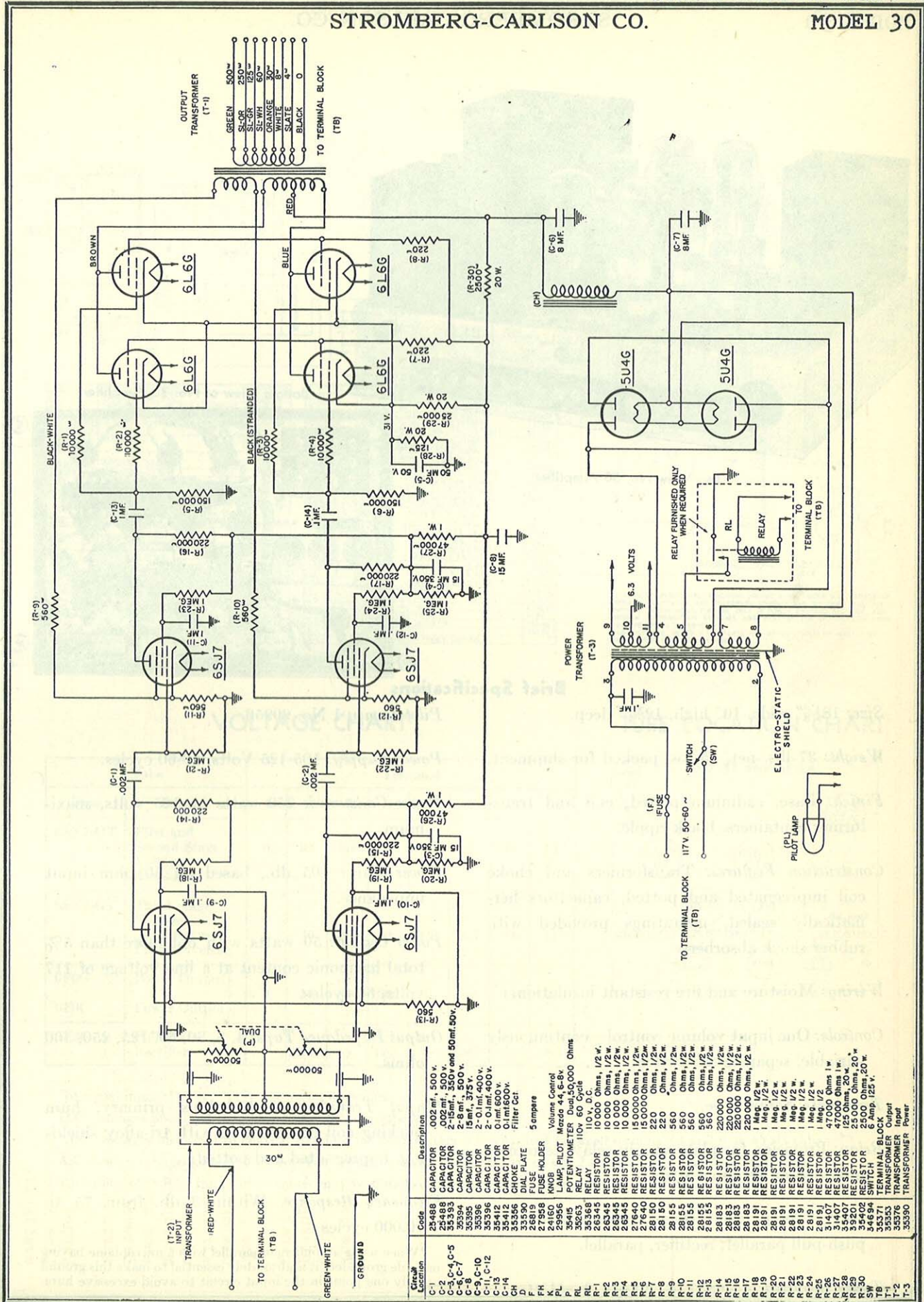


STROMBERG-CARLSON CO.

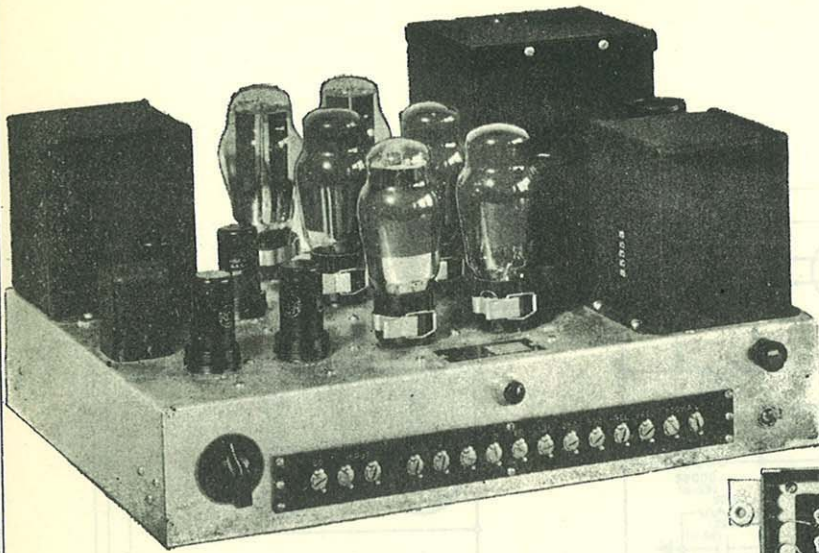
MODEL 30



Code	Description
C-1	CAPACITOR .002 mf, 500 v
C-2	CAPACITOR .002 mf, 500 v
C-3, C-4, C-5	CAPACITOR 2-15 mf, 350 v and 50 mf, 50 v
C-6, C-7	CAPACITOR 2-8 mf, 375 v
C-8	CAPACITOR 15 mf, 375 v
C-9	CAPACITOR 15 mf, 375 v
C-10	CAPACITOR 2-.01 mf, 400 v
C-11, C-12	CAPACITOR 0.1 mf, 600 v
C-13	CAPACITOR 0.1 mf, 600 v
C-14	CAPACITOR 0.1 mf, 600 v
CH	CHOKE
F	FILTER Cct
FH	5 empers
K	VOLUME CONTROL
PL	PILOT LAMP, Mazda 4.4, 6-8 v
P	POTENTIOMETER Dual, 50,000 Ohms
RL	RELAY 110 v, 60 Cycle
R-1	RESISTOR 10,000 Ohms, 1/2 w
R-2	RESISTOR 10,000 Ohms, 1/2 w
R-3	RESISTOR 10,000 Ohms, 1/2 w
R-4	RESISTOR 10,000 Ohms, 1/2 w
R-5	RESISTOR 15,000 Ohms, 1/2 w
R-6	RESISTOR 15,000 Ohms, 1/2 w
R-7	RESISTOR 220,000 Ohms, 1/2 w
R-8	RESISTOR 220,000 Ohms, 1/2 w
R-9	RESISTOR 560 Ohms, 1/2 w
R-10	RESISTOR 560 Ohms, 1/2 w
R-11	RESISTOR 560 Ohms, 1/2 w
R-12	RESISTOR 560 Ohms, 1/2 w
R-13	RESISTOR 560 Ohms, 1/2 w
R-14	RESISTOR 220,000 Ohms, 1/2 w
R-15	RESISTOR 220,000 Ohms, 1/2 w
R-16	RESISTOR 220,000 Ohms, 1/2 w
R-17	RESISTOR 1 Meg, 1/2 w
R-18	RESISTOR 1 Meg, 1/2 w
R-19	RESISTOR 1 Meg, 1/2 w
R-20	RESISTOR 1 Meg, 1/2 w
R-21	RESISTOR 1 Meg, 1/2 w
R-22	RESISTOR 1 Meg, 1/2 w
R-23	RESISTOR 1 Meg, 1/2 w
R-24	RESISTOR 1 Meg, 1/2 w
R-25	RESISTOR 47000 Ohms, 1 w
R-26	RESISTOR 47000 Ohms, 1 w
R-27	RESISTOR 125 Ohms, 20 w
R-28	RESISTOR 25,000 Ohms, 20 w
R-29	RESISTOR 25,000 Ohms, 20 w
R-30	RESISTOR 25,000 Ohms, 20 w
SW	SWITCH 6 Amp, 125 v
TB	TERMINAL BLOCK
T-1	TRANSFORMER Output
T-2	TRANSFORMER Power
T-3	TRANSFORMER Power

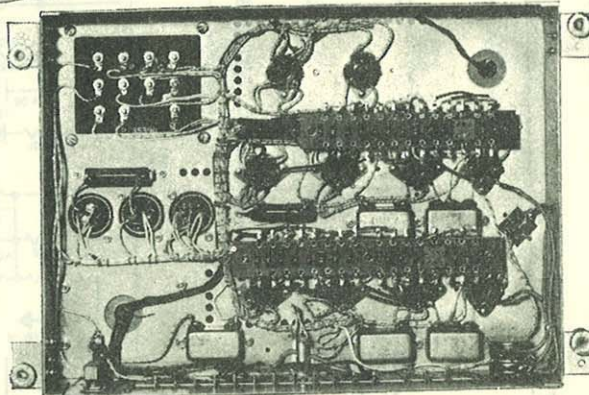
MODEL 30

STROMBERG-CARLSON CO.



Top View No. 30 Amplifier

Bottom View of No. 30 Amplifier



Brief Specifications

Size: 18 $\frac{1}{8}$ " wide, 10" high, 12 $\frac{3}{4}$ " deep.

Weight: 37 lbs. net, 45 lbs. packed for shipment.

Finish: Base, cadmium plated; coil and transformer containers, black ripple.

Construction Features: Transformers and choke coil impregnated and potted, capacitors hermetically sealed, mountings provided with rubber shock absorbers.

Wiring: Moisture and fire resistant insulation.

Controls: One input volume control—continuously variable, separate AC switch.

Terminals: Screw type.

Relay: Provision for plate supply relay, terminals provided on terminal strip.

Circuit Wiring: Input stages, push-pull; output, push-pull parallel; rectifier, parallel.

Tubes Required: 4—6SJ7, 4—6L6G, 2—5U4G.

Pilot Lamp: 1 No. 29956.

Power Supply: 105-125 Volts, 50-60 cycles.

Power Consumed: 250 watts at 125 volts, maximum.

Power Gain: 105 db., based on 30 ohm input impedance.

Power Output: 50 watts with not more than 5% total harmonic content at a line voltage of 117 volts, 60 cycles.

Output Impedance Taps: 4, 8, 30, 60, 125, 250, 500 ohms.

**Input Transformer:* 30 ohms primary, hum bucking coil construction with tri-alloy shielding, impregnated and potted.

Frequency Response: Within 3 db. from 75 to 10,000 cycles.

**When using amplifiers in parallel with a microphone having one side grounded, it is absolutely essential to make this ground at only one point in the input circuit to avoid excessive hum.*