

## Belmont Radio

### Circuit Diagram

Ref. Part No.

Description

#### RESISTORS

R1	130176	20M ohm— $\frac{1}{2}$ w.
R2	130100	150M ohm— $\frac{1}{2}$ w.
R3	130279	1M ohm—1 watt
R4	1304	3 megohm— $\frac{1}{2}$ w.
R5	101196	500M ohm volume control
R6	130293	30 ohm—1 watt
R7	130257	5 megohm— $\frac{1}{2}$ w.
R8	130288	50 ohm—1.5 watt
R9	1302	75M ohm— $\frac{1}{2}$ w.
R10	13011	250M ohm— $\frac{1}{2}$ w.
R11	130166	150 ohm— $\frac{1}{2}$ w.

#### CONDENSERS

C1	131262	.00001 washer condenser (on Antenna plate)
C2	10022	.05 x 200 v.
C3	124100	Antenna Trimmer
C4	12930	.00005 Mica
C5	10091	.15 x 400 v.
C6	124100	Oscillator Trimmer
C7	10022	.05 x 200 v.
C8	11992	20 mfd. x 150 v. lytic
C9	11992	40 mfd. x 150 v. lytic
C10	10013	.05 x 400 v.
C11	12912	.00025 mica
C12	10025	.002 x 600 v.
C13	1292	.0005 mica
C14	10011	.01 x 400 v.
C15	10011	.01 x 400 v.

C3 and C6 in one unit  
C8 and C9 in one unit

#### PARTS

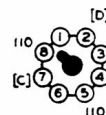
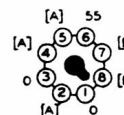
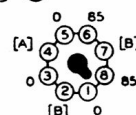
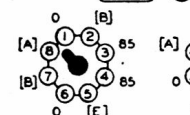
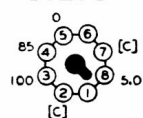
T1	111136B	Antenna Coil Complete
T2	110126B	Oscillator Coil
T3	108157C	Input I. F. Coil—465 kc.
T4	108157C	Output I. F. Coil—465 kc.
T5	114170	4" P. M. Speaker and Transformer
S1	101196	Off-on switch on volume control
P1	107249	6-8 v. pilot light T-47

### BOTTOM VIEW OF CHASSIS

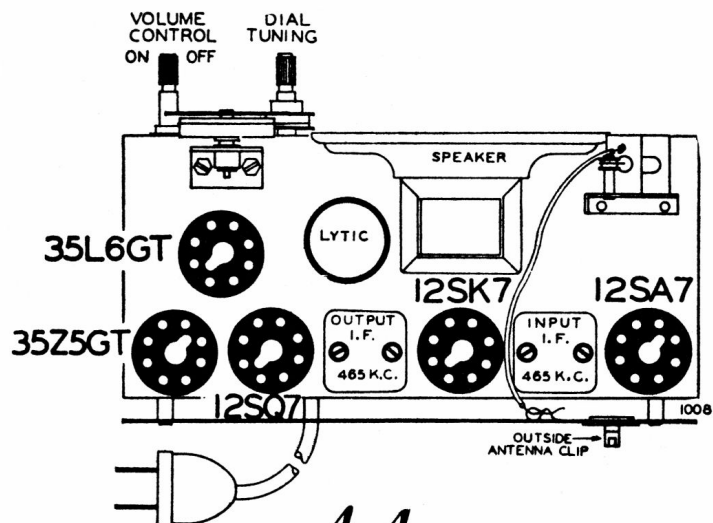
VOLTAGES MEASURED WITH 1000 OHM PER VOLT VOLTMETER BETWEEN SOCKET TERMINALS AND B—

- [A]—CANNOT BE READ WITH VOLTMETER
- [B]—12 V. A.C. BETWEEN PINS 2 & 7.
- [C]—32 V. A.C. BETWEEN PINS 2 & 8.
- [D]—117 V. A.C. BETWEEN PINS 2 & 9.
- [E]—9 VOLTS OSCILLATOR GRID VOLTAGE SHOULD BE MEASURED WITH AN R.F. CHOKER PLACED IN SERIES WITH THE VOLTMETER LEAD DIRECTLY AT PIN 5.

#### 35L6GT



### REAR OF CHASSIS



Model 518