

MODEL 403

Belmont Radio Corporation
Chicago, Illinois

Circuit Diagram
Ref. No. Part No. Description

RESISTORS

R1	1309	200M ohm— $\frac{1}{2}$ w.
R2	13071	4M ohm— $\frac{1}{3}$ w.
R3	130208	40M ohm— $\frac{1}{3}$ w.
R4	13026	1000 ohm— $\frac{1}{3}$ w.
R5	13020	100M ohm— $\frac{1}{3}$ w.
R6	13026	1000 ohm— $\frac{1}{3}$ w.
R7	13040	19M ohm— $\frac{1}{3}$ w.
R8	13038	2 megohm— $\frac{1}{3}$ w.
R9	13038	2 megohm— $\frac{1}{3}$ w.
R10	101163	1 megohm volume control
R11	13019	1 megohm— $\frac{1}{3}$ w.
R12	1303	500M ohm— $\frac{1}{3}$ w.
R13	130283	750 ohm— $\frac{1}{3}$ w.
R14	13038	2 megohm— $\frac{1}{3}$ w.
R15	130218	5M ohm— $\frac{1}{3}$ w.

CONDENSERS

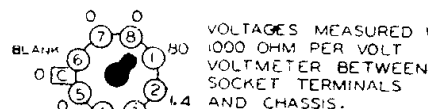
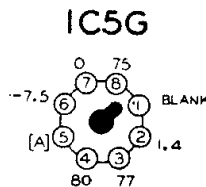
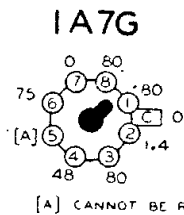
C	102103	2 gang variable condenser
C1	10022	.05 x 200 v.

C2		Loop ant. trimmer on gang
C3		Oscillator trimmer on gang
C4	12912	.00025 mica
C5	10022	.05 x 200 v.
C6	10078	.01 x 200 v.
C7	10078	.01 x 200 v.
C8	10078	.01 x 200 v.
C9	10064	.25 x 200 v.
C10	1295	.0001 mica
C11	1295	.0001 mica
C12	10078	.01 x 200 v.
C13	12912	.00025 mica
C14	10078	.01 x 200 v.
C15	11935	25 mfd. 25 v. v. lytic
C16	10056	.5 x 200 v.
C17	10012	.003 x 600 v.

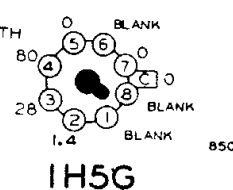
PARTS

T1	1236	Antenna load coil (on loop)
T2	120257	Loop antenna coil (complete)
T3	110110	Oscillator coil
T4	108142	Input I.F. coil
T5	108143	Output I.F. coil
T6	114158	5" P.M. Speaker
S1		Off-on switch D.P.S.T. on vol. control

BOTTOM VIEW OF CHASSIS



REAR OF CHASSIS



VOLTAGES MEASURED WITH 1000 OHM PER VOLT VOLTMETER BETWEEN SOCKET TERMINALS AND CHASSIS.