

INTERMEDIATE
FREQUENCY
455 K.C.

Belmont Radio

Model 681 Radio

Setting the Pushbuttons

Make a list of your 6 favorite stations. Push out the call letters of these stations from the call letter sheets supplied. Insert a call letter in the front of each pushbutton.

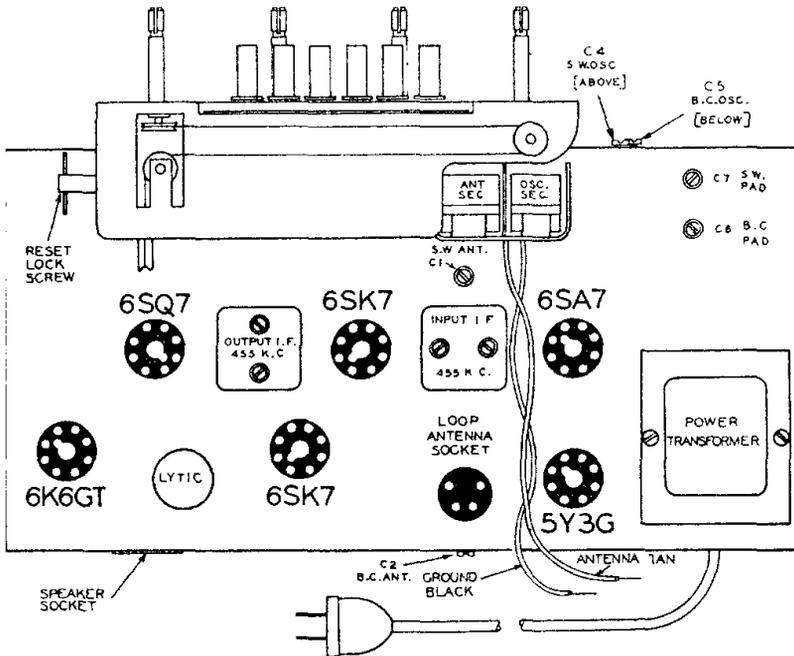
Next push one of the pushbuttons all the way in as far as it will go and hold it there. Now tune in the station you want with the tuning knob—Tune back and forth until the station is clear and distinct, then release the button. Continue setting each pushbutton in the same way. Now rotate the tuning knob to the right (clockwise) as far as it will turn.

Looking at the back of the cabinet note the reset lock screw on the left hand side of the chassis, (see chassis view).

Rotate the reset lock screw to the right (clockwise) by means of the pin thru the shaft.

It is very important that this locking screw is turned until it is absolutely tight.

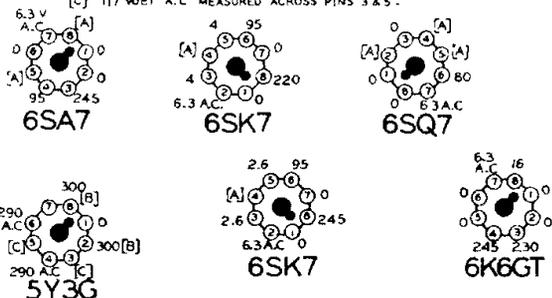
This screw will lock in place all the stations you have selected on the automatic tuner pushbuttons. Pressing the proper button will now tune the station you want.



BOTTOM VIEW OF CHASSIS

VOLTAGES MEASURED WITH A HIGH RESISTANCE VOLTMETER BETWEEN SOCKET TERMINALS AND CHASSIS. VOLUME CONTROL AT MINIMUM. 117 VOLT LINE

- [A] CANNOT BE MEASURED WITH VOLTMETER
- [B] 5 VOLTS A.C. MEASURED ACROSS PINS 2 & 8
- [C] 117 VOLT A.C. MEASURED ACROSS PINS 3 & 5.



REAR OF CHASSIS

CONDENSERS

- C 2 gang variable condenser
- C1 S.W. antenna trimmer
- C2 B.C. antenna trimmer
- C3 .0005 mica
- C4 S.W. oscillator trimmer
- C5 B.C. oscillator trimmer
- C6 B.C. padding condenser
- C7 S.W. padding condenser
- C8 150 mfd. mica
- C9 .05 x 400 v.
- C10 .05 x 200 v.
- C11 .05 x 200 v.
- C12 .0005 mica
- C13 .0001 mica
- C14 .0001 mica
- C15 .02 x 600 v.
- C16 .002 x 600 v.
- C17 .00025 mica
- C18 .02 x 400 v.
- C19 .004 x 600 v.
- C20 16 mfd. x 400 w.v. lytic
- C21 16 mfd. x 400 w.v. lytic
- C22 .006 x 600 v.
- C23 .1 x 400 v.

C4 and C5 are in same unit
C13 and C14 are in same unit
C6 and C7 are in same unit
C20 and C21 are in same unit

RESISTORS

- R1 4M ohm— $\frac{1}{2}$ w.
- R2 20 ohm— $\frac{1}{3}$ w.
- R3 1 megohm— $\frac{1}{3}$ w.
- R4 30M ohm— $\frac{1}{3}$ w.
- R5 750 ohm— $\frac{1}{2}$ w.
- R6 19M ohm— $\frac{1}{2}$ w.
- R7 5M ohm— $\frac{1}{3}$ w.
- R8 100M ohm— $\frac{1}{3}$ w.
- R9 3 megohm— $\frac{1}{3}$ w.
- R10 350 ohm— $\frac{1}{2}$ w.
- R11 50M ohm— $\frac{1}{3}$ w.
- R12 1 megohm volume control
- R13 10 megohm— $\frac{1}{3}$ w.
- R14 500M ohm— $\frac{1}{3}$ w.
- R15 1 megohm tone control
- R16 250M ohm— $\frac{1}{2}$ w.
- R17 500 ohm—1 w.