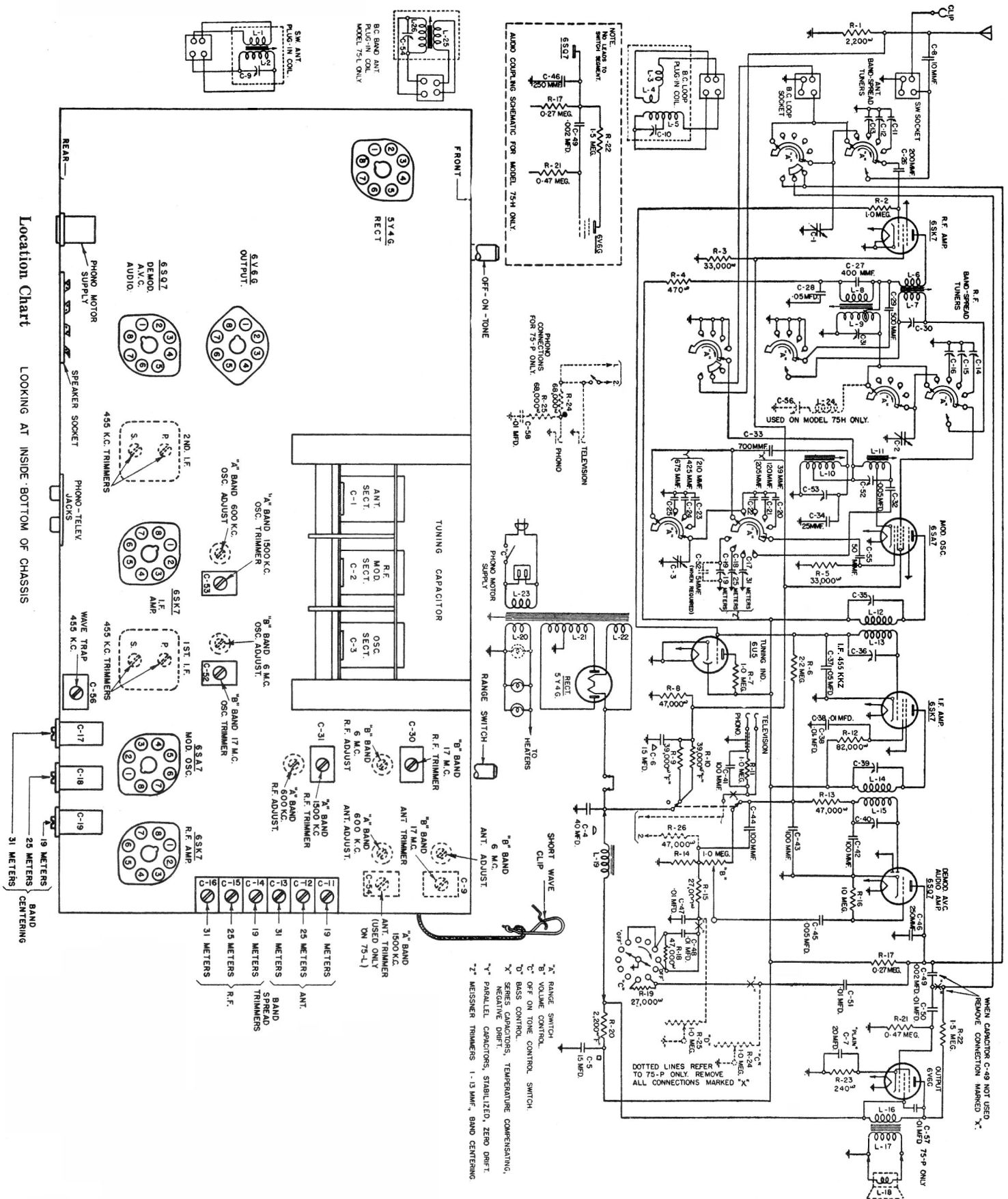


Stromberg-Carlson Model 75 Schematic & Chassis Layout



Take all readings with chassis operating and tuned manually to 1000 kc.—No signal.
Use a line voltage of 120 volts or make allowance for the variations.
Use a good high resistance voltmeter having a resistance of at least 1000 ohms per volt.

Take all D.C. readings on the 500 volt scale except when an asterisk appears.
Read from indicated terminals to chassis base.
See location chart for position of terminals.
A.C. voltages are indicated by italics.

TERMINALS OF SOCKETS

*Read on lowest possible scale of voltmeter

TERMINALS OF SOCKETS

*Read on lowest possible scale of voltmeter



TRIMMER NUMBERS IN BRACKETS ARE FOR MODEL 95 ONLY.

INSTRUCTIONS FOR SETTING UP PUSH BUTTONS

Use a good modulated signal generator (test oscillator with variable output voltage) and a sensitive output meter across the voice coil of the speaker.) Always align using the smallest possible input from the signal generator. A strong signal makes adjustments inaccurate.

inaccurate.

I. Dial pointer adjustment

1. Dial pointer adjustment.

1. Set range switch to Standard Broadcast position

2. Turn set to extreme low frequency end of dial.
 3. Connect the ground terminal of the signal generator to the ground terminal of the chassis.
 4. Introduce a modulated signal of 455 kilocycles to the grid of the 6S4A modulator and decouple the grid of the 6S4A with a 0.001 microfarad capacitor in series with the out-put lead of the signal generator.
 5. Adjust the I. F. aligners for maximum output in the following order:
 - A. Secondary of second I. F. Transformer.
 - B. Primary of second I. F. Transformer.
 - C. Secondary of first I. F. Transformer.
 - D. Primary of first I. F. Transformer.
- III. Radio frequency adjustments.**

Standard Broadcast Range (A Band)

1. Connect a 200 pF air capacitor in series with the antenna binding post of the signal generator and the antenna input of the receiver.
 2. Set the range switch to "BR" position.
 3. Set the signal generator frequency and the receiver frequency to 600 kc.
 4. Adjust the 600 kc. oscillator for maximum signal.
 5. Adjust the 600 kc. F. and antenna iron cores for maximum signal.
- Note**—Where loop is used (75 H. M. and P) there are no 600 kc. antenna adjustments.

whole procedure will have to be repeated

1. Set the range switch to the "31 meter" position
2. Set the signal generator frequency and the receiver tuning dial to **9.55** megacycles.

1. Tune the receiver to 1000 kc.

2. Set the signal generator frequency to 455 kc. and introduce a fairly strong modulated signal to the receiver.

with the same amount of pressure as will be used when operating the push buttons

9. Tighten the set screw. Be sure not to disturb the adjustment in any way while tightening the screw.
10. Place the proper button on the lever.
11. Check the accuracy of the adjustment by detuning the station and retuning with the button several times, pushing the button with an even pressure. Readjust if necessary.
12. Set up the other five stations in the same manner.