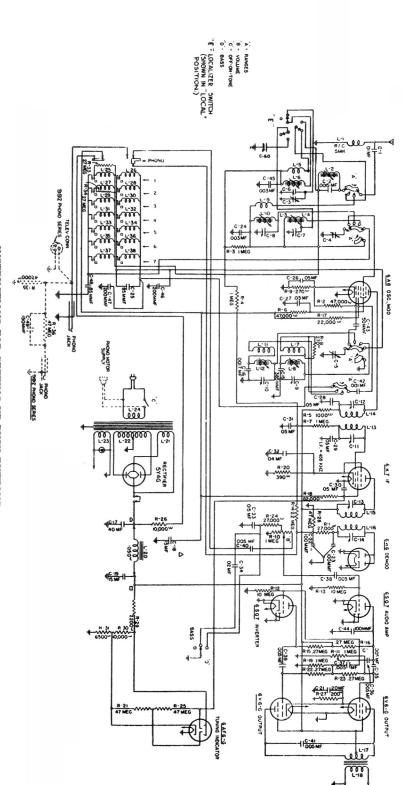
Stromberg-Carlson Model 992 Schematic & Push Button Set Up



INSTRUCTIONS FOR SETTING UP PUSH BUTTONS

NT: The stations selected should be the local or favorite stations which give good at all times.

Set up stations in the daytime to avoid unnecessary interference.

Allow the set to run for about twenty minutes before setting up stations

Always use the tuning indicator unit when setting up stations in order to station is exactly in tune.

1 Remove the dial escutcheon by removing the screws and nulling

the

- Remove the dial escutcheon by removing the screws and pulling downward and out ward.

 Put the call letters of the selected stations in place above the push buttons. The stations
- all letters of the selected stations in place above the push buttons. The stations is arranged according to frequency with the highest frequency at the right and it frequency at the left, just as on the dail. (The call letters will be found inside lope stapled inside or underneath the cabinet.)
- Tune in manually the highest frequency station to be set up and note carefully the program being transmitted.
- Turn the range switch to the push button position and push the highest frequency button.

 Telm a new small cocondrive adjust the elect in the inner core until it existing with
- Using a very small screwdriver adjust the slot in the inner screw until it coincides with the slot in the outer screw.

 Using a larger screwdriver, adjust both screws at the same time until the desired station is tuned in as well as possible.
- Using the small screwdriver again, adjust the small inner screw for maximum closing of the tuning indicator. (Be sure the outer screw does not move while adjusting the inner screw.)

 Onerstions 5.6 and 7 can be greatly simplified by using Stromberg-Carlson SD-70 Ad-
- Set up the other stations in the same manner.
- Recheck the adjustment of each adjusting screw

Stromberg-Carlson Model 992 Alignment & Chassis Layout

Models 972, 952, 952-P, 992 भांgnment Data

NEVER ALIGN UNLESS ABSOLUTELY NECESSARY

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 (except when wave trap

adjustment is made). A strong signal makes adjustments inaccurate.

See location chart above for location of all the aligning adjustment screws

Aligning Procedure (follow this order exactly) Dial pointer adjustment.

Intermediate frequency adjustments

With the plates of the gang tuning capacitor fully engaged, set the dial pointer directly on the vertical line located at the extreme low frequency end of the short wave band.

- Tune set to extreme low frequency end of the dial Set the range switch to Standard Broadcast position
- Connect the ground terminal of the signal generator to the ground terminal of the
- a 0.1 microfarad capacitor in series with the output lead of the signal generator. (Do not remove the grid clip from this tube.) Introduce a modulated signal of 455 Kilocycles to the grid cap of the 6A8G Tube, using
- Adjust the I. F. Aligners for maximum output in the following order Secondary of second I. F. transformer.
- Secondary of first I. F. transformer
- Primary of first I. F. transformer

III. Radio frequency adjustments.

Short Wave Range (C Band)

- Replace the 0.1 microfarad cap erator with a 400 ohm carbon
- Set the range switch to the short-wave range position (C Band).
- Set the signal generator frequency and the receiver tuning dial to 6 megacycles
- Adjust the 6 megacycles oscillator and antenna (iron cores) for maximum signal
- Set the signal generator frequency and the receiver tuning dial to 17 megacycles. the 17

5

- Repeat operations three and four
- Repeat operations five and six.

Standard Broadcast Range (A Band)

- Replace the 400 ohm carbon type resistor in series with the output lead from the signal generator with a 200 micro-microfarad capacitor.
- Set the range switch to the Standard Broadcast Range (A Band)
- Set the signal generator frequency and the receiver tuning dial to 600 Kc.
- Adjust the 600 Kc. oscillator and antenna (iron cores) for maximum signal
- Set the signal generator frequency and the receiver tuning dial to 1500 Kc.
- Adjust the 1500 Kc. oscillator and antenna aligning capacitors for maximum signal

IV. Wave Trap Adjustment

(Leave the receiver connected in the same manner as when adjusting the Standard Broadcast Range ("A" Band)).

- Tune set to 1000 Kc
- Set the signal generator frequency to 455 Kc. and introduce a fairly strong modulated signal to the receiver.
- Adjust the wave trap aligner for minimum signal

