

- G6 = ANT. SECTION GANG CONDENSER
- C7 = OSC. SECTION GANG CONDENSER
- C2 = H.F. ANT. TRIMMER
- C3 = B.C. ANT. TRIMMER
- C4 = H.F. OSC. TRIMMER
- C5 = B.C. OSC. TRIMMER

WINDING POLARITY

- "S" DESIGNATES START OF WINDING
- "F" DESIGNATES FINISH OF WINDING

NOTE:
TO MEASURE VOLTAGE OF X1
USE ONLY A V.T. VOLTMETER

Phonola - Electrohome 962-P, 962-P-1 & 972-P

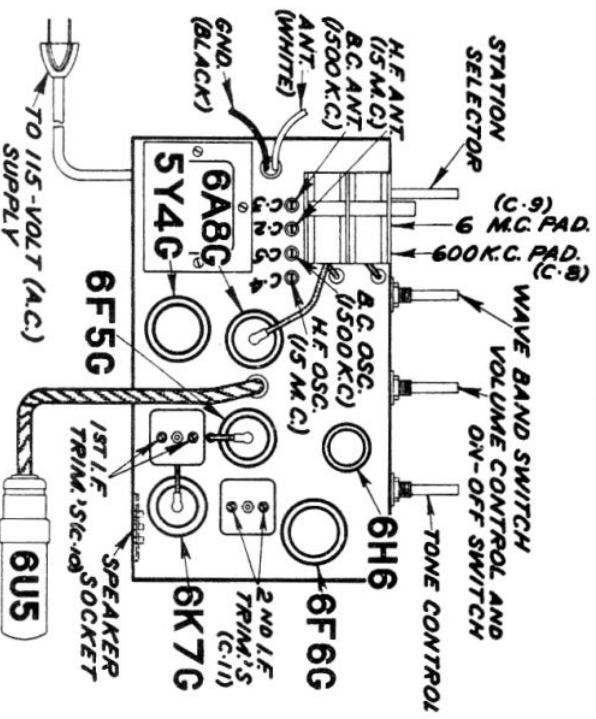
115 V.A.C. 25 - 60 HZ

ALIGNMENT ----- PROCEED IN SEQUENCE LISTED

| Band | Band Switch Setting | Dummy Antenna | Connect Generator To | Radio Dial Setting | Generator Frequency | Trimmer Adjusted | Adjustment | Note |
|------------|---------------------|---------------|---------------------------|--------------------|---------------------|--------------------------------|----------------|-------------------------|
| 2nd I. F. | Extreme Left | .1 Mfd. | Grid of 6K7G I. F. Tube | 1700 K. C. | 455 K. C. | 2nd I. F. C11 | Maximum Output | |
| 1st I. F. | Extreme Left | .1 Mfd. | Grid of 6A8G 1st Detector | 1700 K. C. | 455 K. C. | 1st I. F. C10 | Maximum Output | |
| 1460 K. C. | Extreme Left | 200 Mmfd. | Antenna | 1460 K. C. | 1460 K. C. | B. C. Osc. C5 B. C. Ant. C3 | Maximum Output | |
| 600 K. C. | Extreme Left | 200 Mmfd. | Antenna | 600 K. C. | 600 K. C. | B. C. Padder C8 | Maximum Output | Rock Rotor Back & Forth |
| 15 M. C. | Extreme Right | 400 Ohm | Antenna | 15 M. C. | 15 M. C. | S. W. Osc. C4 S. W. Ant. C2 | Maximum Output | Check Image See Note 1 |
| 6 M. C. | Extreme Right | 400 Ohm | Antenna | 6 M. C. | 6 M. C. | S. W. Padder C9 | Maximum Output | |
| Wave Trap | Extreme Left | 200 Mmfd. | Antenna | 585 K. C. | 455 K. C. | C1 | Minimum Output | |

Electrohhome

962-P
962-P-1
972-P



NOTE: TUNING EYE USED ON 972-P ONLY.

ALIGNMENT AND CALIBRATION

These receivers are carefully aligned and calibrated at the factory with precision instruments. If realignment is necessary, the following equipment is required:

(1) A signal generator to supply with accuracy the frequencies:

- (a) 455 K.C., (b) 1460 K.C., (c) 600 K.C.,
- (d) 15 M.C., (e) 6 M.C.

(2) A dependable Output meter.

Note 1—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 15 M.C., fundamental will be obtained at minimum trimmer capacity.

Note 2—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.