

NOTE:  
CONNECT BUILT IN ANT. TO NO.1 ONLY, CONNECT LARGE ANT. TO TERMINALS 1 AND 2.

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

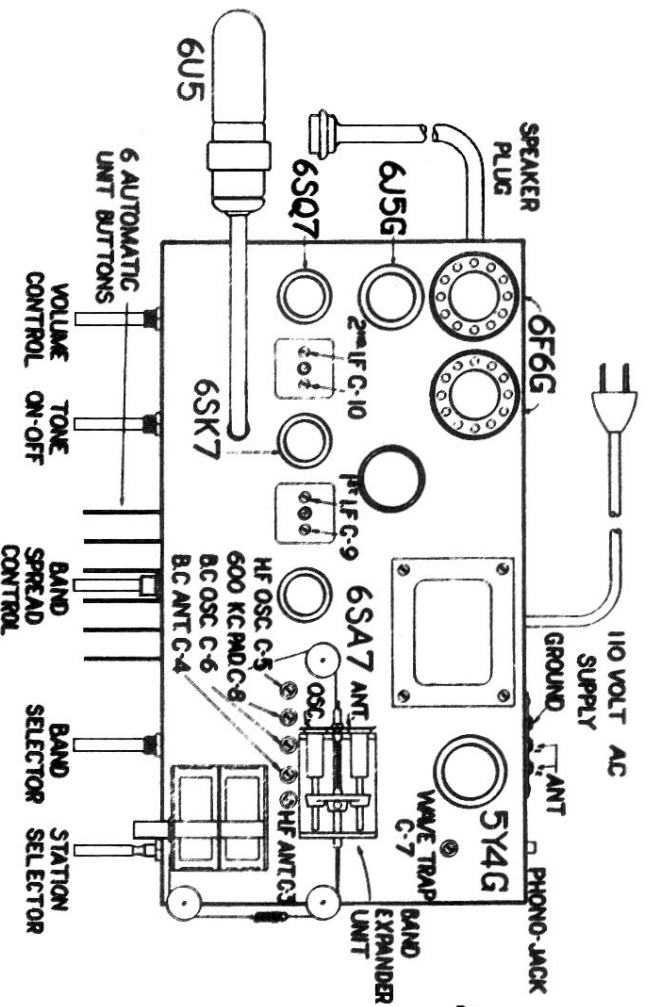
NOTE:  
SELECTOR SWITCH SHOWN IN PHONO POSITION.  
ALL VOLTAGES MEASURED TO CHASSIS.

Phonola - Electrohome 40A82-X-E, 40A82-X-S,  
Z40A82XD, Z40A82-X-E, 40A82X-S-1 & Z40A82XD1

# Electrohome 40A82-X-E,

## 40A82-X-S, Z40A82XD, Z40A82-X-E,

## 40A82X-S-1 & Z40A82XD1



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.

### 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.	B.C.	.1 Mfd.	Grid of 6S.A.7 I.F. Tube	1650 K.C.	455 K.C.	2nd I.F. C-10	Maximum Output	
1st I.F.	B.C.	.1 Mfd.	Grid of 6S.A.7 Tube	1650 K.C.	455 K.C.	1st I.F. C-9	Maximum Output	
1460 K.C.	B.C.	75 Mmfcd.	Antenna	1460 K.C.	1460 K.C.	B.C. Osc. C-6 B.C. Ant. C-4	Maximum Output	
600 K.C.	B.C.	75 Mmfcd.	Antenna	600 K.C.	600 K.C.	B.C. Padder C-8	Maximum Output	Refer to Note 1
17 M.C.	S.W.	250 Ohm	Antenna	17 M.C.	17 M.C.	S.W. Osc. C-5 S.W. Ant. C-3	Maximum Output	Refer to Note 2
6 M.C.	S.W.	250 Ohm	Antenna	6 M.C.				Check Only
Wave Trap	B.C.	75 Mmfcd.	Antenna	535 K.C.	455 K.C.	Wave Trap Trimmer C-7	Minimum Output	