



# Electrohome 40AM62-E, Z40AM62-E, 40AM62-S & Z40AM62-D

## 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:

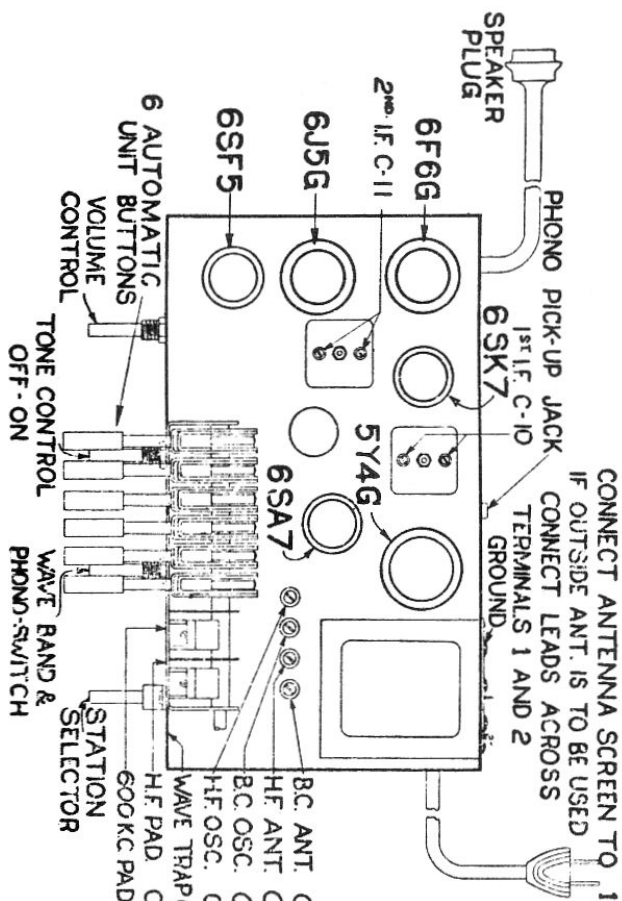
(1) A signal generator to supply with accuracy the frequencies:

- (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. the 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	Approx. Sensitivity For 50 M. W. Output
2nd I. F.	B. C.	.1 Mfd.	Grid of 6SK7 I. F. Tube	1650 K. C.	455 K. C.	2nd I. F. C-11	Maximum Output		12,000 Microvolts
1st I. F.	B. C.	.1 Mfd.	Grid of 6SA7 Converter	1650 K. C.	455 K. C.	1st I. F. C-10	Maximum Output		35 Microvolts
1460 K. C.	B. C.	75 Mmfd.	Antenna	1460 K. C.	1460 K. C.	B. C. Osc. C-6 B. C. Ant. C-4	Maximum Output		12 Microvolts
600 K. C.	B. C.	75 Mmfd.	Antenna	600 K. C.	600 K. C.	B. C. Padder C-9	Maximum Output	Refer to Note 1	8 Microvolts
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	16 Microvolts
6 M. C.	S. W.	250 Ohm	Antenna	6 M. C.	6 M. C.	S. W. Padder C-8	Maximum Output		18 Microvolts
Wave Trap	B. C.	75 Mmfd.	Antenna	535 K. C.	455 K. C.	Wave Trap Trimmer C-7	Minimum Output		