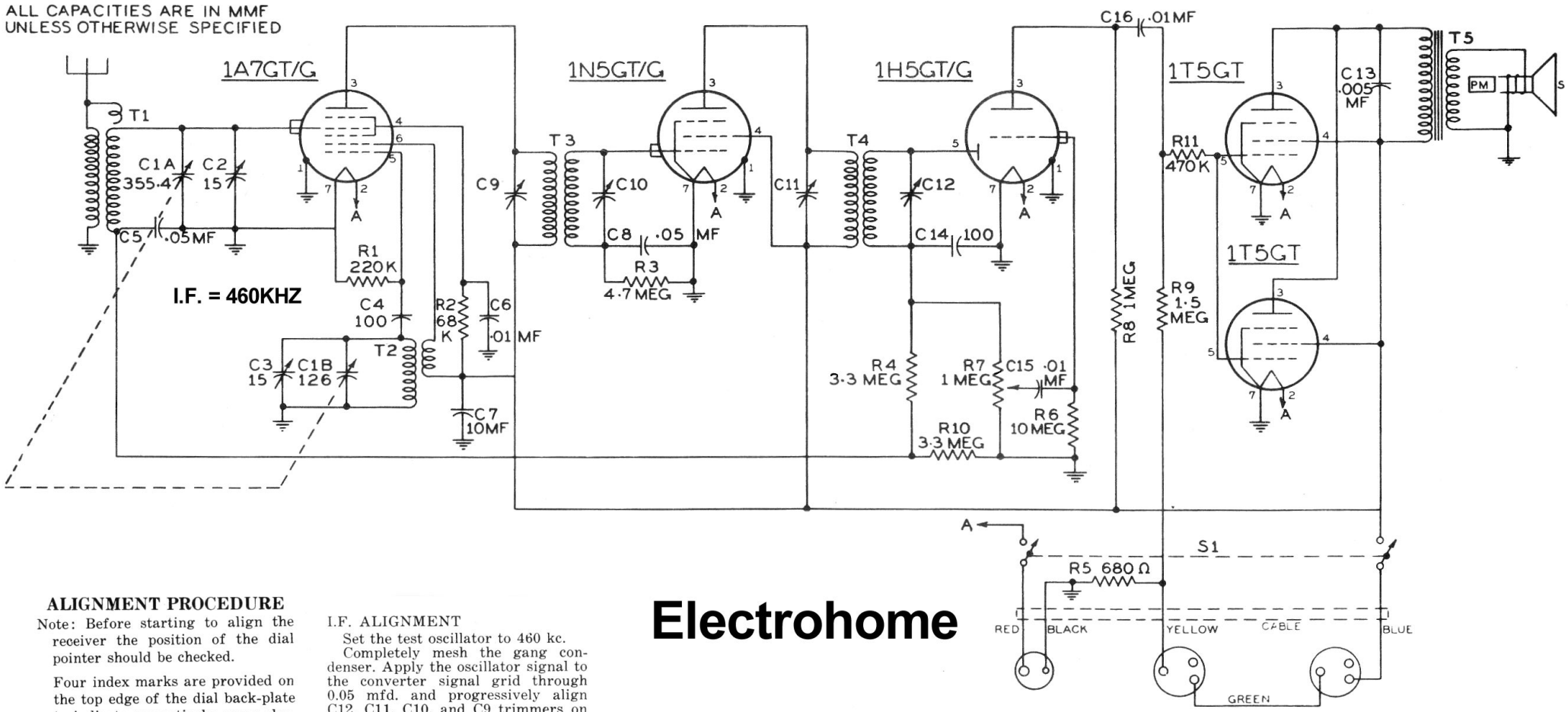


Electrohome

Arcadia 43-6349C Battery Operated Radio

ALIGNMENT PROCEDURE

Note: Before starting to align the receiver the position of the dial pointer should be checked.

Four index marks are provided on the top edge of the dial back-plate to indicate respectively, gang closed, 600 kc., 940 kc., and 1500 kc.

Check the position of the dial pointer by completely meshing the gang condenser and setting the pointer to the index mark at the left hand end of the dial back-plate.

Connect an output meter across the voice coil of the loudspeaker, turn the volume control to maximum and keep the output of the test oscillator as low as possible to give a readable indication on the output meter.

I.F. ALIGNMENT

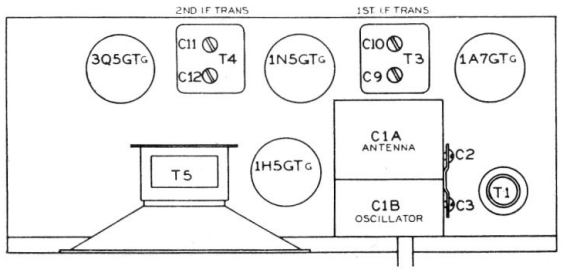
Set the test oscillator to 460 kc.

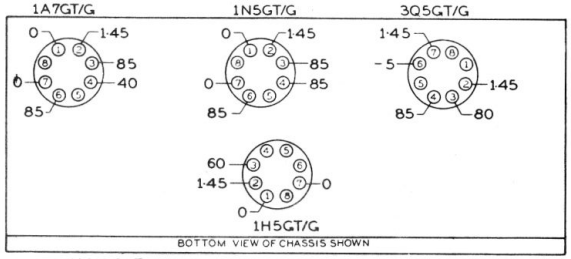
Completely mesh the gang condenser. Apply the oscillator signal to the converter signal grid through 0.05 mfd. and progressively align C12, C11, C10, and C9 trimmers on the 2nd and 1st I.F. transformers for maximum output.

R.F. ALIGNMENT

Tune the receiver to the 1500 kc. index mark on the back-plate and apply a 1500 kc. signal through 200 mmf. to the receiver antenna lead. Align the oscillator trimmer C3 to bring in the signal and peak the signal by adjusting the antenna trimmer C2.

Tune the receiver and test oscillator to 940 kc. and check calibration against the 940 kc. index mark on the back plate.





ALL VOLTAGE READINGS ARE TAKEN BETWEEN SOCKET TERMINALS AND CHASSIS WITH A 20 000 OHM-PER-VOLT METER