

REBALANCING INSTRUCTIONS FOR MIDWEST
16 TUBE - 1934 MODEL

Procedure for rebalancing the Midwest 16 - 1934
Model is as follows: -

The I.F. Amplifier is designed to operate at 450 K.C. Peak the 1st, 2nd, and 3rd, I.F. Transformers to maximum A. F. output. Do not measure A.V.C. Voltage as usually done. Trim small A.V.C. Amplifier to maximum A.F. Output.

To trim R.F. and oscillator circuits and mixer circuits proceed as follows: Turn wave change switch to "M" position, rotate dial to 12 megacycles. Adjust trimmers in oscillator and mixer section. Set switch to "L" position and adjust trimmers in R.F. mixer and oscillator sections at 4.5 megacycles. Turn dial to 1.6 megacycles to adjust padder in oscillator section. Turn switch to "A" position and adjust trimmers in R.F. mixer and oscillator sections at 1500 K.C. Adjust "A" padder at 530 K.C. Turn switch to "E" position and adjust trimmers in R.F. mixer and oscillator sections to 370 K.C. Adjust "E" oscillator padder to 160 K.C.

An enclosed print will show the location at the various trimmers and padders. On "H" band no adjustment can be made as this is accomplished at the factory by adjusting the spacing of the turns.

If oscillator does not cover the needed frequencies it may be obtained by using harmonics of your oscillator.