



# Sparton Model 847 Battery Operated Receiver

## ALIGNMENT DATA—

When adjusting this model it is essential that a service oscillator be used. To get the required gain from the set it is necessary that all adjustments be made carefully.

### 1. I. F. STAGES—

Set service oscillator at 345 K.C., attach the output lead to the grid cap of the 1C6 convertor tube, connect output meter to speaker terminals, adjust the four trimmers marked C7 for maximum output.

### 2. I. F. REJECTOR—

With oscillator still set at 345 K.C., attach the output lead to the yellow antenna wire and with oscillator turned on fairly strong adjust C5 for **minimum** output.

**NOTE—**Make sure that the set is not tuned to a harmonic of the I. F. such as 690 K.C. or 1035, etc.

### 3. OSCILLATOR TRIMMER—

Set service oscillator at 1500 K.C. and with it still connected to the aerial of the set adjust trimmer C4 until, with the signal tuned in, the dial points to 1500.

### 4. OSCILLATOR PADDER—

Set service oscillator at 600 K.C. Turn set dial to that figure and adjust C6 until signal is tuned in. Readjust at 1500 as in section 3 (above).

### 5. R. F. TRIMMER—

Set service oscillator at 1500 K.C. and with set tuned to 1500 K.C., adjust trimmer C3 for maximum output.

