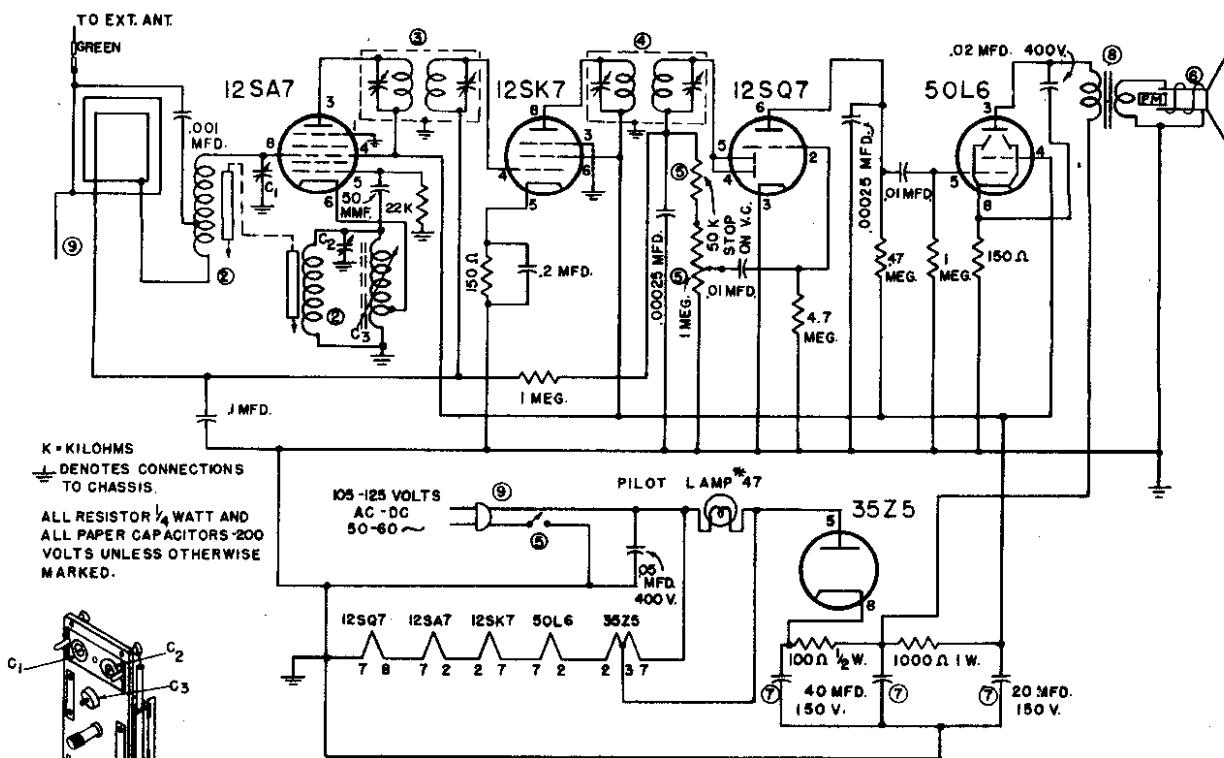
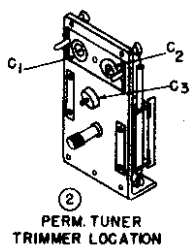


BELLE ELECTRONICS CORP.

MODEL 125-P



K = KILOHMS
 ⊥ DENOTES CONNECTIONS TO CHASSIS.
 ALL RESISTOR 1/2 WATT AND ALL PAPER CAPACITORS 200 VOLTS UNLESS OTHERWISE MARKED.



- ① 1.4 26 2 LOOP ASSEMBLY
- ② 36.103 PERMEABILITY TUNER
- ③ 1.259 1ST I.F. TRANSFORMER
- ④ 1.409 2ND I.F. TRANSFORMER
- ⑤ 8.200-1 VOLUME CONTROL & SWITCH
- ⑥ 30.300 PM. 5" SPEAKER
- ⑦ 5.400-8 ELECTROLYTIC CAP 40-40-20 MFD.
- ⑧ 9-200 OUTPUT TRANSFORMER
- ⑨ 20.207 LINE CORD & AMPLIGORD ANTENNA

ALIGNMENT: Should it become necessary at any time to check the alignment of this receiver, proceed as follows:

- (1) Set the Signal Generator to 455 KC and connect to the Antenna Trimmer (C1) of the Permeability Tuner. Connect the Signal Generator ground lead to the chassis. Connect a suitable Output Meter across the Speaker Voice Coil Connections. Turn the Volume Control to the maximum position. Turn the Permeability Tuner to the extreme clockwise position (cores out of coils).
- (2) Adjust the trimmers located at the top of the first and second I. F. Transformers for maximum output as indicated on the Output Meter.
- (3) Set the Signal Generator to 1620 KC and loosely couple through a 2 or 3 turn loop to the receiver loop.
- (4) With the Permeability Tuner set at the extreme clockwise position (cores out of coils), tune in the 1620 KC signal by means of the Oscillator Trimmer (C2).
- (5) Set the Signal Generator to 1500 KC and turn the Tuning Control so that this frequency is indicated on the dial. Adjust the Antenna Trimmer (C1) on the Permeability Tuner for maximum output.
- (6) Set the Signal Generator to 600 KC and turn the Tuning Control so that this frequency is indicated on the dial. Adjust the Oscillator Shunt Coil (C3) for maximum response while "rocking" the Signal Generator. Recheck the High Frequency Oscillator Trimmer (C2) and re-peak the Antenna Trimmer (C1) for maximum response.

TUBES:

- 12SA7 Converter
- 12SK7 I-F Amplifier
- 12SQ7 Detector, AVC, A-F Ampl.
- 50L6GT Beam Power Amplifier
- 35Z5GT Rectifier

NOTE: Oscillator and Antenna Coil Saddles have been set and adjusted at the factory. Do not attempt to readjust the Oscillator or Antenna Coil Saddles during the above alignment procedure or serious mis-tracking will occur, resulting in loss of sensitivity at various points in the band.

