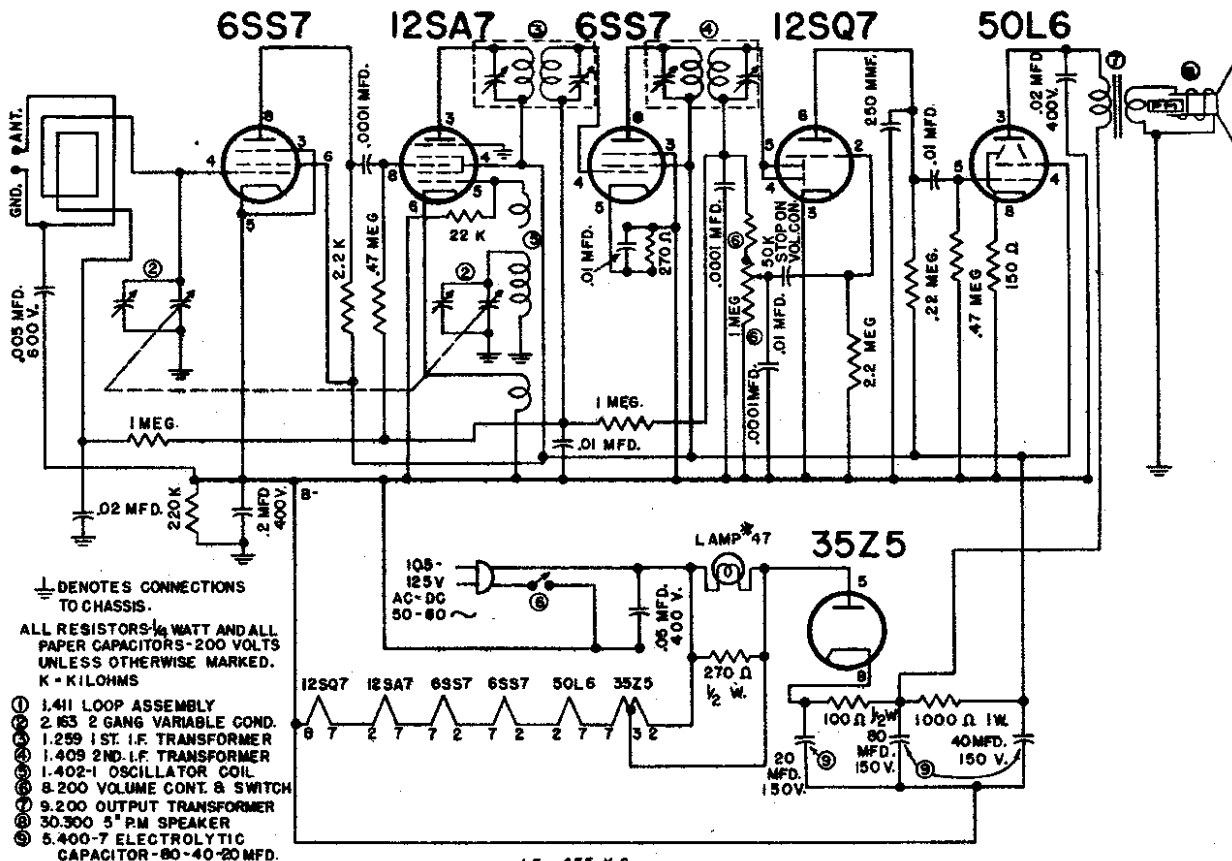


MODEL 126

BELLE ELECTRONICS CORP.



⊥ DENOTES CONNECTIONS TO CHASSIS.
 ALL RESISTORS $\frac{1}{4}$ WATT AND ALL PAPER CAPACITORS - 200 VOLTS UNLESS OTHERWISE MARKED.
 K = KILOHMS

- ① 1.41 LOOP ASSEMBLY
- ② 163 2 GANG VARIABLE COND.
- ③ 1.259 1ST. I.F. TRANSFORMER
- ④ 1.409 2ND. I.F. TRANSFORMER
- ⑤ 1.402-1 OSCILLATOR COIL
- ⑥ 8.200 VOLUME CONT. & SWITCH
- ⑦ 9.200 OUTPUT TRANSFORMER
- ⑧ 30.300 5" PM SPEAKER
- ⑨ 5.400-7 ELECTROLYTIC CAPACITOR - 80-40-20MFD.

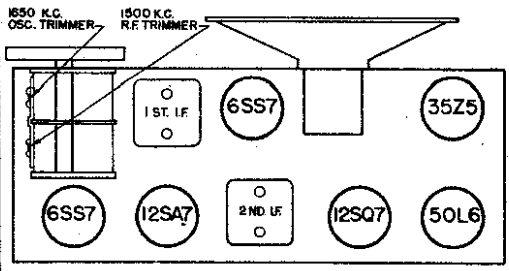
I.F. = 455 K.C.

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 grid of the 6SS7 R. F. Amplifier, or to the Stator Lug on the rear section of the Variable Capacitor. Connect the Signal Generator Ground Lead to a "-B" point underneath the chassis. Connect a suitable output meter across the Speaker Voice Coil Connections. First turn the Volume Control to the maximum position. Turn the Variable Capacitor to the extreme clockwise position.
- (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) Loosely couple the Signal Generator lead to the Loop and set to 1650 KC.
- (4) With the Variable Capacitor set at the extreme clockwise position, tune in the 1650 KC signal by means of the Oscillator Trimmer on the Variable Capacitor (front section).
- (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 on the Variable Capacitor (rear section) for maximum output. No other adjustments are necessary.

TUBES:

- 6SS7 R. F. Amplifier
- 12SA7 Converter
- 6SS7 I. F. Amplifier
- 12SQ7 Detector, Avc and Audio Amp.
- 50L6GT Beam Power Amplifier
- 35Z5GT Rectifier



LINE VOLTAGE: This receiver is designed for operation on 105-125 Volts, 50-60 Cycles, either Alternating or Direct Current (AC-DC)

POWER CONSUMPTION: 30 Watts.

TUNING RANGE: Broadcast: 540 to 1650 Kilocycles (180 to 555 meters).

DIAL: The Dial Scale is calibrated in Kilocycles.

TRIMMER AND TUBE LOCATION DIAGRAM