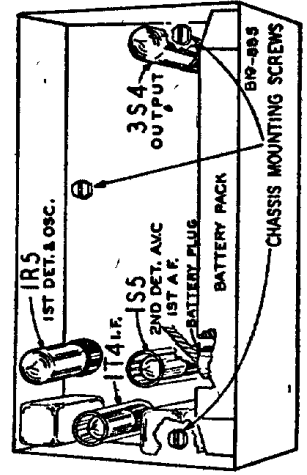




The tube types and position of the tubes and tube shields are shown in the illustration below.



ALIGNMENT PROCEDURE

Volume Control—Maximum All Adjustments.
Allow Chassis and Signal Generator to "Heat Up" for several minutes.
The following equipment is required for aligning:
A Signal Generator which will provide an accurately calibrated signal at the test frequencies as listed.
Output Indicating Meter—Non-Metallic Screwdriver.

Use Loop for All Adjustments—See Note "A"		
Signal Gen. FREQUENCY SETTING	CONDENSER SETTING	ADJUST TRIMMERS TO MAXIMUM (See Trimmer Illustration)
455 KC	Turn Rotor to Full Open	1st I.F. (C7) & (C8)
1610 KC	Turn Rotor to Full Open	2nd I.F. (C9) & (C10)
1500 KC	Turn Rotor to Max. Output Set Knob to 1500 KC	Oscillator (C2)
		Antenna (C3)
600 KC	Turn Rotor to Max. Output	600 KC (C5)
1500 KC	Turn Rotor to Max. Output	Rock Rotor—See Note B
		Antenna (C3)

SPECIFICATIONS

Input Voltages and Currents

"A" Battery - - - 1.5 Volts—25 Amperes
 "B" Battery - - - 50½ Volts—8 Ma.
 Power Output - - - 55 Milliwatts Undistorted
 - - - 110 Milliwatts Maximum
 Selectivity - 40 KC Broad at 1000 Times Signal
 Intermediate Frequency - - - 455 KC
 Speaker - - - 4" P.M. Dynamic
 Tuning -Frequency Range - 528 to 1610 KC
 Sensitivity - 400 Microvolts per Meter Average
 (For .05 Watt Output)

NOTE A—Connect a loop approximately one foot in diameter across the antenna and ground posts of the signal generator. Place radio approximately 2 feet (6" for I.F. adjustment) from loop.

NOTE B—Turn the rotor back and forth and adjust the trimmer until the peak of greatest intensity is obtained.