



Five-Tube, Single-Band, AC-DC Superheterodyne Receiver

SERVICE DIVISION • RCA VICTOR COMPANY LIMITED • MONTREAL

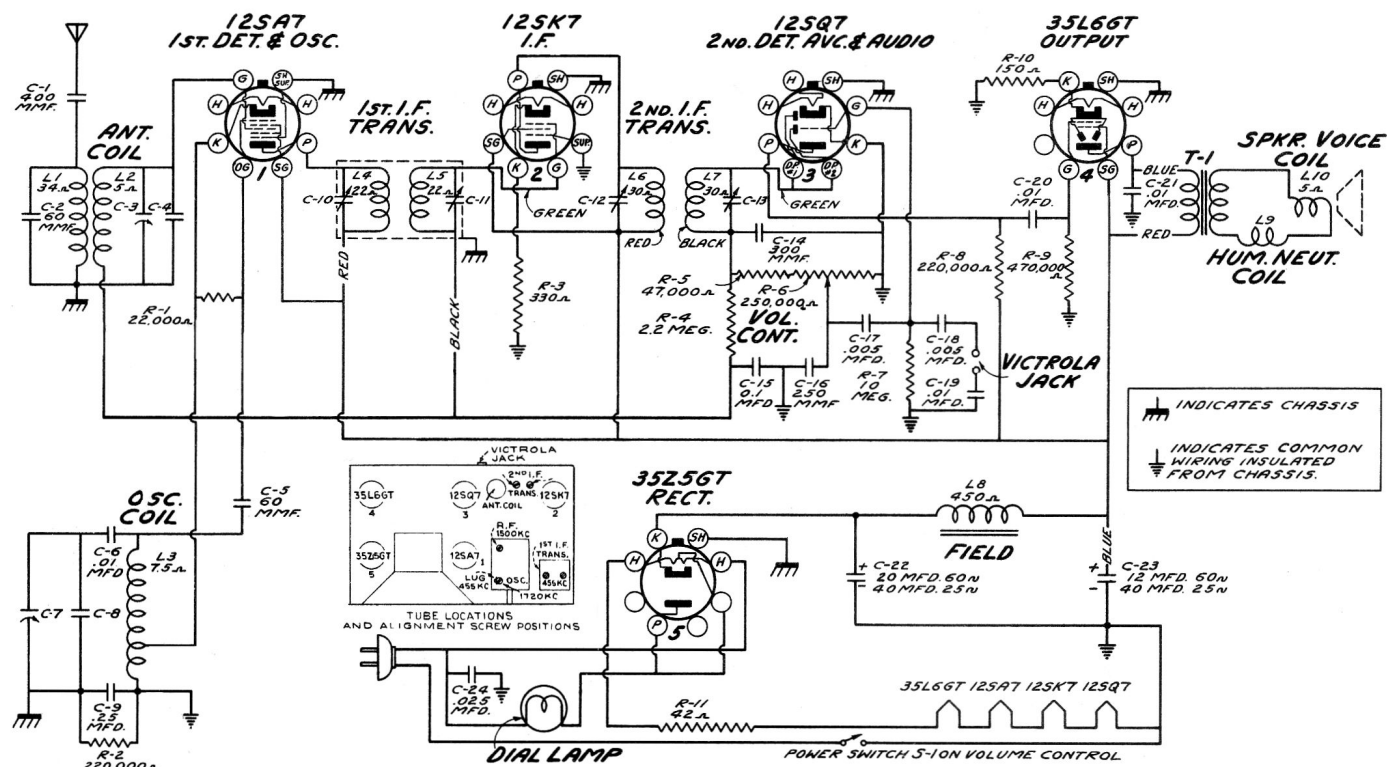


FREQUENCY RANGE	-----	530-1,720 kc
TUBE COMPLETEN	-----	
(1) Type 12SA7	-----	1st-Detector—Oscillator
(2) Type 12SK7	-----	I-F Amplifier
(3) Type 12SQ7	-----	2nd-Detector, 1st A-F, and A.V.C.
(4) Type 35L6GT	-----	Power Output
(5) Type 35Z5GT	-----	Half-Wave Rectifier
Dial Lamp (1)	-----	Mazda 47, 6.3 volts, .15 amp.
POWER SUPPLY RATINGS	-----	
A-C Rating	-----	105-125 volts, 25-60 cycles, 30 watts
D-C Rating	-----	105-125 volts, direct current, 30 watts

INTERMEDIATE FREQUENCY	-----	455 kc
POWER OUTPUT (125 volt, 60 cycle supply)		
Undistorted	-----	1.5 watts
Maximum	-----	2.0 watts
LOUDSPEAKER		
Type	-----	4-inch Electrodynamic
Cabinet Dimensions	-----	
Height	5 1/8 inches	
Width	8 3/8 inches	
Depth	4 1/4 inches	
Weight (net)	-----	4 3/4 pounds
Shipping Weight	-----	6 pounds

Insist on genuine factory tested parts, which are readily identified and may be purchased from authorized dealers.

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
	RECEIVER ASSEMBLIES		
S-2419	Antenna-Antenna lead.....	32945	Shaft-Indicator drum drive shaft...
13057	Capacitor-60 mmfd. (C2,C5).....	32537	Socket-Radiotron socket.....
12488	Capacitor-250 mmfd. (C16).....	S-2425	Socket-Pilot lamp sockets and lead.
12952	Capacitor-300 mmfd. (C14).....	14278	Socket-Phone input socket.....
30433	Capacitor-400 mmfd. (C1).....	30585	Spring-Drive cord tension spring (Pkg. 10).....
4838	Capacitor-.005 mfd. (C17,C18).....	32966	Transformer-1st I.F. Transformer (L4,L5,C10,C11).....
14393	Capacitor-.01 mfd. (C6,C19,C20).....	32967	Transformer-2nd I.F. Transformer (L6,L7,C12,C13).....
4858	Capacitor-.01 mfd. (C21).....	S-2426	Volume Control and power switch (R6,S1).....
4839	Capacitor-0.1 mfd. (C15).....		
4870	Capacitor-.025 (C24).....		
12484	Capacitor-0.25 (C9).....		
S-2420	Capacitor-Electrolytic capacitor comprising one 20 mfd. and one 10 mfd. 60 cycle (C22,C23)....		REPRODUCER ASSEMBLIES CRL-508-2
S-2421	Capacitor-Electrolytic capacitor comprising two 40 mfd. sections 25 cycle (C22,C23).....	S-2427	Cone-Reproducer Cone & Voice Coil (L10).....
32572	Coil-Antenna coil (L1,L2).....	S-2428	Coil-Field Coil (L8).....
32962	Coil-Oscillator Coil (L3).....	S-2429	Reproducer Complete.....
32968	Condenser-2 gang variable tuning condenser (C3,C4,C7,C8).....	S-2430	Transformer-Output transformer(T1).
S-2432	Cord-Indicator drum drive cord....		REPRODUCER ASSEMBLIES
33310	Dial-Station Selector dial scale..		Used on chassis Marked Sub "0"
S-2423	Drum-Indicator and drum assembly..	32963	Reproducer complete.....
31480	Lamp-Pilot lamp.....	32964	Transformer-Output transformer(T1).
32971	Resistor-42 ohm flexible type(R11)		
13428	Resistor-150 ohm 1/4 watt (R10)...		
30538	Resistor-330 ohm 1/4 watt (R3)....		
13996	Resistor-22,000 ohm 1/4 watt (R1).		
12412	Resistor-47,000 ohm 1/4 watt (R5).		
12264	Resistor-220,000 ohm 1/4 watt (R2,R8).....		
12285	Resistor-470,000 ohm 1/4 watt (R9)	S-2452	Moulded Cabinet Complete (Ivory)...
12679	Resistor-2.2 meg. 1/4 watt (R4)....	S-2431	Cabinet Moulded Complete (mahogany)
13601	Resistor-10 meg. 1/4 watt (R7)....	S-2436	Cover-Back Cover for Cabinet.....
		32571	Knob-Volume Control or Tuning Knob.....
		32657	Spring-Retaining Spring for Knob or Drum (Pkg. 5).....



CAUTION

Alignment Procedure

Test-Oscillator.—Connect the low side of the test-oscillator to the receiver chassis, through a .01 mfd. capacitor, and keep the output as low as possible.

Radiotron Socket Voltages

Note:—All voltages are measured to common wiring insulated from chassis with a line voltage of 117 volts.

1. Dress 1st I-F plate and grid leads against chassis and away from each other. Dress plate lead from 12SK7 close to chassis.
2. Dress electrolytic capacitor against rear apron.

Antenna.—The set is equipped with length of antenna wire. **Do not connect the antenna to ground.** If an outdoor antenna is used, it should not be longer than 100 feet, including lead-in. If it is longer, connect a 100 to 200 mmf. capacitor in series with the lead-in.

Victrola Attachment.—A jack is provided on the rear of chassis for connecting a Victrola Attachment into the audio-amplifying circuit. The cable from the Victrola Attachment should be terminated in a Stock No. 31048 plug to fit the jack.