

## R.C.A. Victor Co., Inc.

**Model:** 40X-50

**Chassis:**

**Year:** Pre June 1940

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

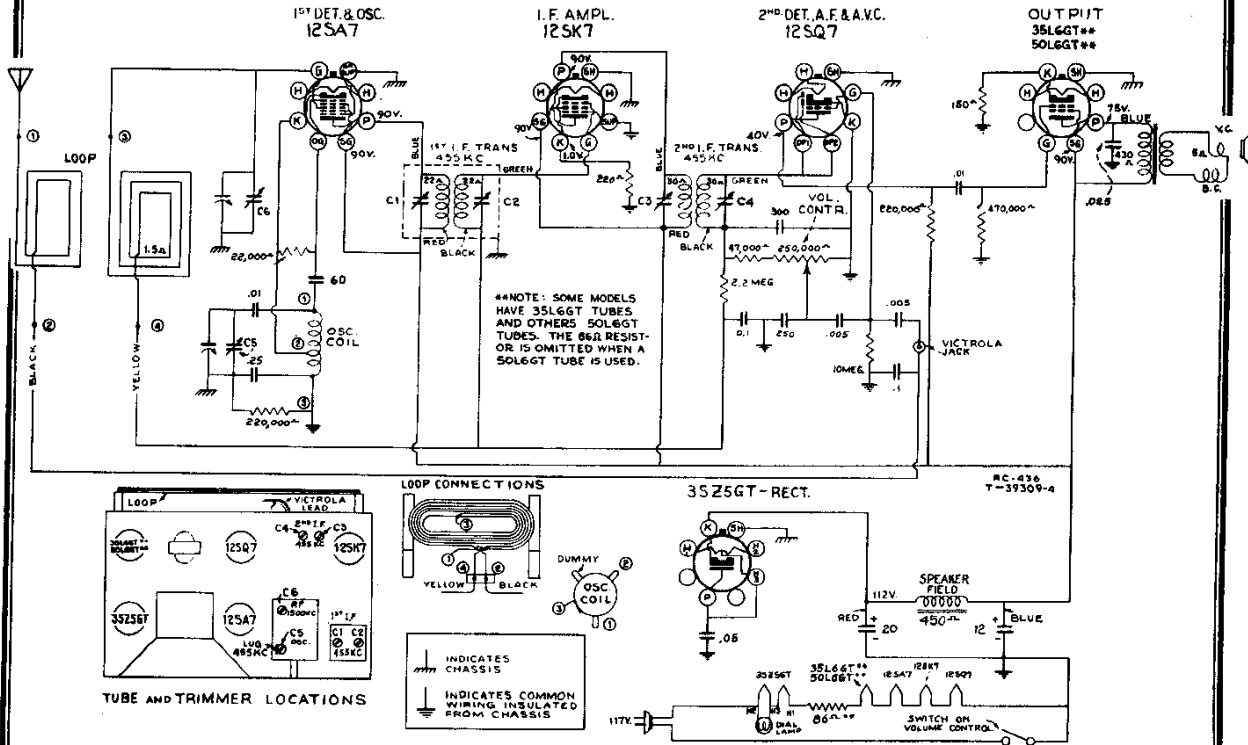
Resources

**Riders Volume 11 - RCA 11-63**

**Alignment, Trimmers  
Socket, Lead Dress**

RCA MFG. CO., INC.

**MODELS 40X-50 to 40X-57  
Chassis RC-436  
Schematic, Voltage**



**NOTE:** Output cathode resistor is 120 ohm when 50L6GT tube is used.

**Pre-setting Dial.**—With gang condenser in full mesh, the pointer should be horizontal.

**Antenna.**—The set is equipped with a built-in loop antenna. If an outdoor antenna is used, it may be connected to the "ANT" terminal on rear of cabinet. 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.

Steps	Connect the high side of test-oscillator to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. peak output—
1	Tuning condenser stator (osc.) in series with .01 mfd.	455 kc	Quiet point at 1,600 kc end of dial	C1, C2, C3, C4 (1st and 2nd I-F transformers)
2	Antenna term. of ant. loop in series with 100 mmfd.	1,720 kc	Full clockwise (out of mesh)	C5 (oscillator)
3		1,500 kc	Resonance on 1,500 kc signal	C6 (antenna)

**Precautionary Lead Dress**

1. Dress 2nd I-F green lead close to chassis and under other parts.
2. Dress lead from gang condenser to grid of 12SA7 close to chassis and away from 12SQ7 socket.
3. Dress blue 1st I-F lead under volume control close to chassis.
4. Dress blue 2nd I-F lead close to chassis and behind 12SK7 socket.

**POWER SUPPLY RATINGS**

A-C Rating ..... 105-125 volts, 50-60 cycles, 30 watts  
D-C Rating ..... 105-125 volts, direct current, 30 watts

**POWER OUTPUT (125 volt, 60 cycle supply)**

Undistorted ..... .6 watts  
Maximum ..... 2.0 watts

STOCK No.	DESCRIPTION	Unit List Price
<b>CHASSIS ASSEMBLIES (RC-436)</b>		
33745	Cable—Phono. cable .....	.30
13057	Capacitor—80 mmfd. ....	.35
12488	Capacitor—250 mmfd. ....	.35
12952	Capacitor—300 mmfd. ....	.35
4838	Capacitor—.005 mfd. ....	.25
4870	Capacitor—.025 mfd. ....	.20
32787	Capacitor—.05 mfd. ....	.20
4839	Capacitor—.1 mfd. ....	.30
12484	Capacitor—.25 mfd. ....	.30
32576	Capacitor—Electrolytic, 20-12 mfd. ....	.90
32968	Capacitor—Variable tuning .....	2.25
32962	Coil—Oscillator coil .....	.60
32834	Cord—Drive cord .....	.10
33743	Drum—Drive drum .....	.40
31480	Lamp—Pilot lamp .....	.20
33663	Loop—Complete antenna loop .....	1.20
33558	Resistor—86 ohms, 1/2 watt .....	.15
12071	Resistor—120 ohms, 1/2 watt .....	.20
13428	Resistor—150 ohms, 1/2 watt .....	.20
14561	Resistor—220 ohms, 1/2 watt .....	.20
13998	Resistor—22,000 ohms, 1/2 watt .....	.20
12412	Resistor—47,000 ohms, 1/2 watt .....	.20
12264	Resistor—220,000 ohms, 1/2 watt .....	.20
12285	Resistor—470,000 ohms, 1/2 watt .....	.20
12879	Resistor—2.2 meg., 1/2 watt .....	.20
13601	Resistor—10 meg., 1/2 watt .....	.20
33081	Shaft—Drive shaft .....	.20
30585	Spring—Drive cord spring .....	.06
33557	Socket—Dial light socket .....	.30
32537	Socket—Tube socket .....	.20
32966	Transformer—I-F input transformer .....	1.25

STOCK No.	DESCRIPTION	Unit List Price
32967	Transformer—I-F output transformer .....	1.05
32545	Volume control .....	1.50
<b>SPEAKER ASSEMBLIES (39105-2)</b>		
32963	Speaker—Complete with transformer .....	3.95
32964	Transformer—Output transformer .....	1.25

**ALL PRICES ARE SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.**