

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

**Model:** 45X3

**Chassis:**

**Year:** Pre June 1940

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

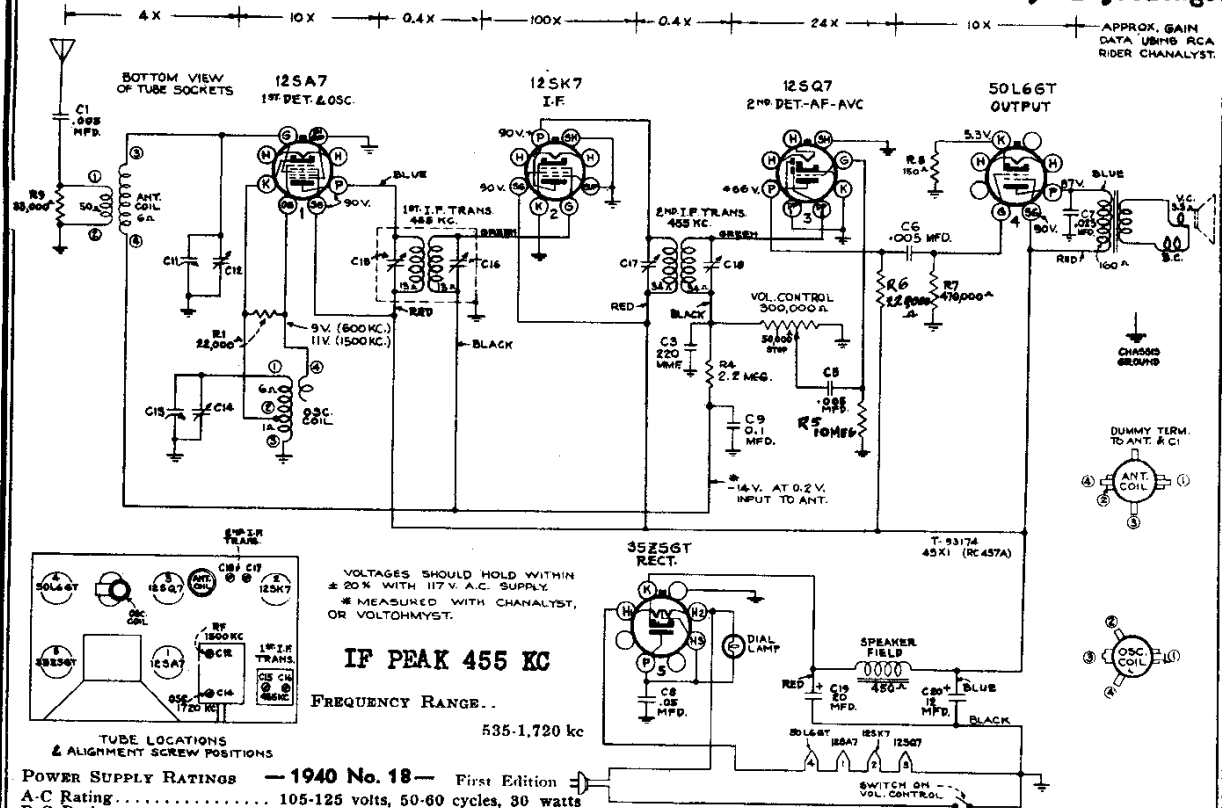
Resources

**Riders Volume 11 - RCA 11-169**

Alignment, Trimmers  
Socket, Parts

RCA MFG. CO., INC.

MODELS 45X3, 45X4  
Chassis RC-457E  
Schematic, Gain, Voltage



**IF PEAK 455 KC**  
FREQUENCY RANGE... 535-1,720 kc

**POWER SUPPLY RATINGS — 1940 No. 18 — First Edition**  
A-C Rating..... 105-125 volts, 50-60 cycles, 30 watts  
D-C Rating..... 105-125 volts, direct current, 30 watts

**POWER OUTPUT**  
(117 volt, 60 cycle supply)..... 1.0 watt

**LOUDSPEAKER**  
Type..... 4-inch Electrodynamic  
Voice-coil impedance at 400 cycles..... 4 ohms

**Alignment Procedure**

**Output Meter Alignment.**—Connect the meter across the voice coil, and turn the receiver volume control to maximum.

**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.

Dial Lamp (1)..... Mazda 51. 7.5 volts, 0.2 amp.

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	12SK7 grid in series with .001 mfd.	455 kc	Quiet Point at 1,800 kc end of dial	C17, C16 (2nd I-F Trans.)
2	12SA7 grid in series with .001 mfd.			C15, C16 (1st I-F Trans.)
3	Antenna term. of ant. trans. in series with 100 mmfd.	1,720 kc	Full clockwise (out of mesh)	C14 (oscillator)
4		1,500 kc	Resonance on 1,500 kc signal	C12 (antenna)

STOCK No.	DESCRIPTION	Unit List Price
<b>CHASSIS ASSEMBLIES (RC-457E)</b>		
12694	Capacitor—220 mmfd.	.35
33584	Capacitor—.005 mfd.	.25
4870	Capacitor—.025 mfd.	.20
32787	Capacitor—.05 mfd.	.20
4839	Capacitor—.01 mfd.	.30
32676	Capacitor—Electrolytic comprising 1 section of 20 mfd., and 1 section of 12 mfd.	.75
35115	Coil—Antenna coil	.80
35333	Coil—Oscillator coil	.65
35977	Condenser—Variable tuning condenser	2.40
35979	Control—Volume control and power switch	1.50
32634	Cord—Drive cord	.10
35982	Dial—Dial scale	.70
35980	Indicator—Station selector indicator	.25
11765	Lamp—Dial lamp	.15
31193	Lead—Antenna lead	.50
35981	Plate—Dial plate—less dial	.30
30880	Resistor—150 ohms, 1/2 watt	.20
13998	Resistor—22,000 ohms, 1/2 watt	.20
12454	Resistor—33,000 ohms, 1/2 watt	.20
12264	Resistor—220,000 ohms, 1/2 watt	.20
12285	Resistor—470,000 ohms, 1/2 watt	.20
12679	Resistor—2.2 meg., 1/2 watt	.20
13601	Resistor—10 meg., 1/2 watt	.20

35978	Shaft—Tuning shaft	.10
36332	Shield—Shield for first I-F transformer	.30
36345	Socket—Dial lamp socket	.25
31251	Socket—Tube socket	.25
30585	Spring—Drive cord spring	.06
36098	Spring—Spring to hold I-F transformer in shield can	.08
34846	Transformer—Audio transformer	1.25
35331	Transformer—First I-F transformer—less shield	1.10
33301	Transformer—Second I-F transformer	1.20
34373	Washer—"C" washer for tuning shaft	.03
<b>SPEAKER ASSEMBLIES (39105-505)</b>		
35120	Cone—Cone complete with voice coil	1.15
35611	Speaker—Four inch dynamic speaker complete with cone and voice coil	3.10
<b>MISCELLANEOUS ASSEMBLIES</b>		
36017	Back—Cabinet back—Model 45X3	.25
36018	Back—Cabinet back—Model 45X4	.25
35983	Bezel—Dial scale bezel and crystal	1.00
35121	Knob—Walnut volume control or tuning knob	.10
35126	Spring—Retaining spring for knob Stock No. 35121	.03

ALL PRICES ARE SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.