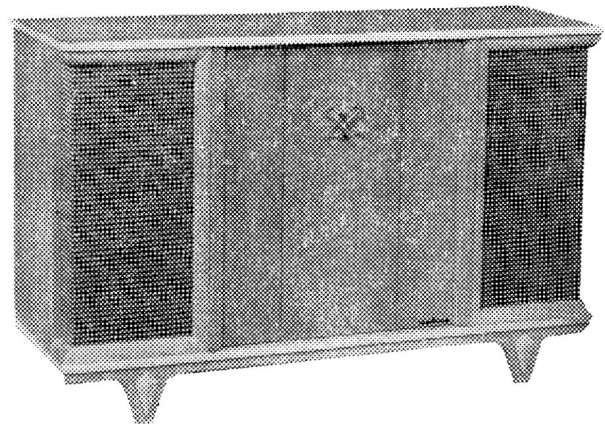
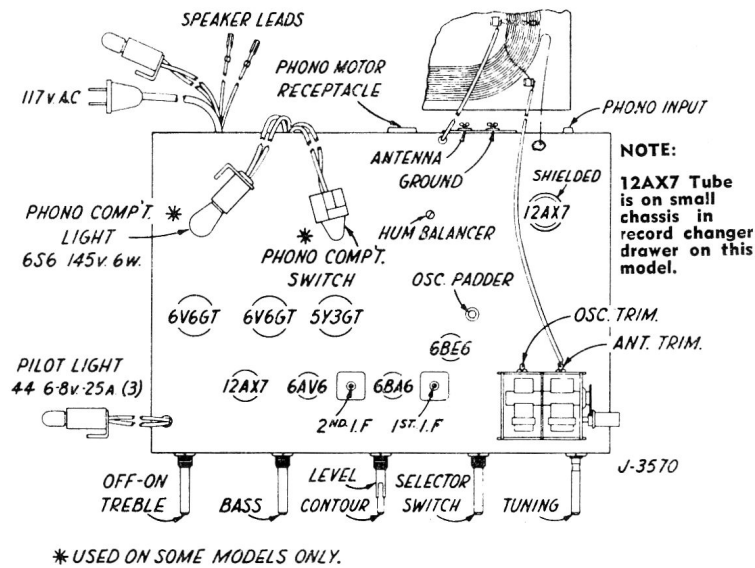


# VIKING Service Information for MODEL RC-234R



## SPECIFICATIONS

Standard Broadcast Range ..... 535 Kc — 1650 Kc  
 Intermediate Frequency ..... 455 Kc  
 Power Consumption (Radio Only) ..... 75 Watts  
 Power Consumption (Radio and Phono) ..... 90 Watts

With tone controls in flat position, level and contour controls full clockwise, all measurements (nominal) taken at level control input and 16 ohm output.

Frequency Response — 1W level  $\pm$  1 db., 30 cps to 15,000 Kc.

\*Harmonic Distortion — Less than 1% at normal operating levels.

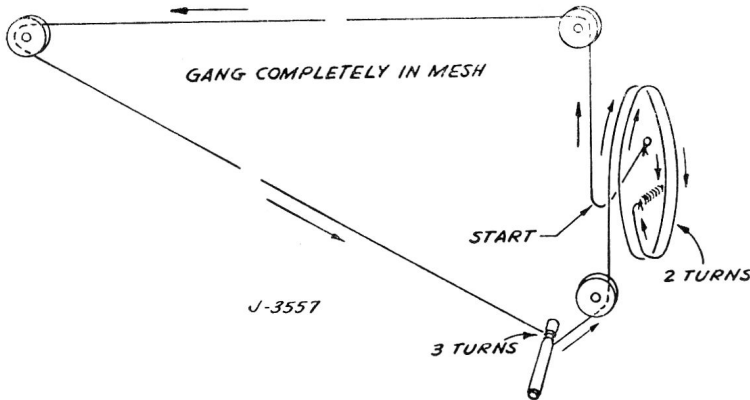
\*Intermodulation Distortion — Less than 1% at normal operating levels (60 and 3000 cps. 4:1)

Hum and Noise — 80 db. below rated output.

Maximum Power Output at 400 C.P.S. — 14 Watts

Undistorted Power Output at 400 C.P.S. — 10 Watts

\*With matched output Tubes  $\pm$  5%.



**FOR Operation on 110-120 Volts A.C. — Cycle as listed on License Plate.**

## HUM BALANCER

A Hum-Balancer has been incorporated in this receiver to balance out hum which may be present because of the high gain and wide frequency response of the audio portion of the receiver. It may be found necessary to re-adjust the hum-balancer for minimum hum reproduction when the 12AX7 tube is replaced. Set the tone control in its extreme left hand position, turn the selector switch to phono position, the volume control full on and adjust the hum-balancer for minimum hum level.

## SERVICE REPLACEMENT PARTS LIST

- A-2864.....Dial Scale
- B-4123-5.....Drive Shaft
- G-503.....Electrolytic — Triple — Can Type  
(40 & 20 ufd X 450 DC WV)  
(25 ufd X 50 DC WV)
- G-591.....Electrolytic Dual — Can Type  
(15 & 15 ufd X 450 DC WV)
- G-604-1.....5ufd 20V. A.C. Non-Polarized Electro
- K-771A.....Pilot Lamp No. 44, .25 Amp. 6-8 Volt
- K-875-1.....Phono Socket
- K-923.....AC Outlet
- LK-537-1.....Power Transformer 25 Cycle  
or  
LK-558-1.....Power Transformer 60 Cycle
- LK-560-2.....Output Transformer
- MP-1204-46.....Pointer & Slider Assy.
- P-2438-1.....Osc. Coil
- P-2485R.....I.F. Transformer Assy.
- P-2725-6.....Loop Antenna Assy.

- Q-299-6.....Selector Switch
- Q-394-5.....Record Comp. Switch
- R-375-7.....Bass Tone
- R-376-6.....Off-On-Treble Tone
- R-393-1.....Dual Level & Contour Control  
(Senior Loudness Control)
- R-391-1.....Hum Balancer
- V-386-1.....Gang Condenser

## INSTALLATION

- C-951-1.....Escutcheon
- K-1521.....Speaker 10" P.M.
- K-1644.....Speaker 5" P.M.
- N-474-1.....Knob (Selector, Bass Tone, Treble Tone)
- N-475-1.....Knob (Tuning)
- N-404-2.....Knob (Rear—Level Control)
- N-403-2.....Knob (Front—Contour Control)
- P-2651-19.....Garrard Changer Assy.—60 Cycle
- P-2652-19.....Garrard Changer Assy.—25 Cycle
- K-1529-1.....G.E. Cartridge

**THE T. EATON CO LIMITED**  
CANADA

