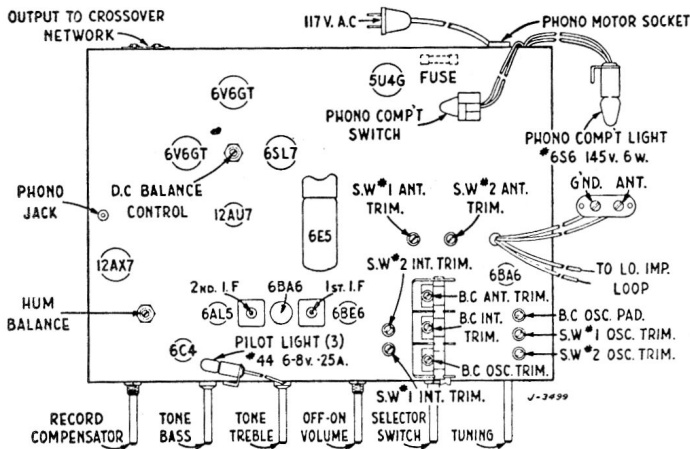


VIKING Service Information Model RC-235

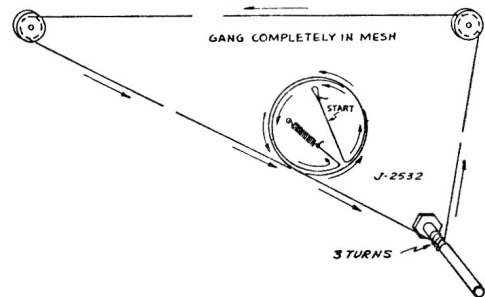
When writing for service information or parts, please quote the following:
 Model No. RC-235. Serial Number and Cabinet Finish.

SPECIFICATIONS

Standard Broadcast Range 540-1640 Kc.
 Short Wave SW-1 5.7-11.0 Mc.
 SW-2 10.0-18.0 Mc.
 Intermediate Frequency 455 Kc.
 Power Consumption (radio only) 84 Watts
 (radio & phono) 94 Watts
 Maximum Power Output at 400 C.P.S. 14 Watts
 Undistorted Power Output at 400 C.P.S. 10 Watts
 Undistorted Power Output 30 C.P.S. to 10,000 C.P.S.— 7 Watts \pm 1½ db.
 Undistorted Power Output 20 C.P.S. to 20,000 C.P.S. at Normal Listening Level i.e. 2 Watts



CHASSIS LAYOUT CHART



STRINGING DETAIL

For alignment and sensitivity data see schematic.

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 necessary to re-adjust the hum balancer for minimum hum reproduction when the 12AX7 tube is replaced. Set the tone controls in their extreme right hand positions, turn the selector switch to phono position, the volume control full on and adjust the hum balancer for minimum hum level.

DRIVE BALANCE CONTROL

See instructions on schematic for adjustment of this control.

SERVICE REPLACEMENT PARTS LIST

A-2731.....Glass Dial Scale

ELECTROLYTIC CONDENSERS

G-522.....Triple 40, 40 & 20 ufd at 375 WV.
 G-528-1.....Single 25 ufd. at 25 WV.
 G-531.....Dual 15 & 15 ufd at 150 WV.
 G-553.....Dual 15 & 15 ufd. at 250 WV.
 G-605-1.....Single 5 ufd. at 50 WV.
 G-536.....1.0 ufd. 100 WV. Metal Cased Paper Cond.

K-735A.....AC Line Cord & Plug Assy.
 K-771A.....Pilot Lamp 6-8V. .25A #44
 K-1133-1.....Pilot Lamp - Amber - 145V.
 K-1394.....Filpec - Printed Circuit
 K-1463-3.....Fuse 1¼A 125V. Slow Blow

LK-554-1.....Filter Choke
 LK-555-1.....Power Transformer 60 cy.
 LK-556-1.....Power Transformer 25 cy.
 LKK-557-1.....Output Transformer

P-2499-1.....BC Antenna Loading Coil
 P-2279-1.....BC Interstage Coil
 P-1778.....BC Oscillator Coil
 P-1779.....SW-1 Antenna Coil
 P-1780.....SW-1 Interstage Coil
 P-1781.....SW-1 Oscillator Coil
 P-1782.....SW-2 Antenna Coil
 P-1783.....SW-2 Interstage Coil

P-1784.....SW-2 Oscillator Coil

P-1843-1.....1st I.F. Trans.
 P-1844-1.....2nd I.F. Trans.
 P-1833.....R.F. Choke
 Q-290-4.....Selector Switch - 2 Wafer - Tone
 Q-291-4.....Selector Switch - 3 Wafer - Tone
 Q-297.....Switch - Phono Compartment Light
 Q-323-1.....Selector Switch - Bands
 Q-324-1.....Selector Switch - 2 Wafer - Record Compensation
 R-317-7.....Volume Control & AC Switch
 R-391-3.....Control - Hum Balancer 12AX7, & Drive Balance
 V-351-4.....Gang Condenser

INSTALLATION

A-2732.....Glass Control Panel
 K-1644.....4" P.M. Closed Back Tweeter Speaker
 K-1658.....12" P.M. Woofer Speaker
 N-348-5.....Knob (Volume & Tuning)
 N-356-4.....Knob (Tone Switches, Selector Switch & Record Compensation Switch)
 P-2717.....Crossover Network Assembly
 P-2651-12.....Garrard RC-80M Changer 60 cy.-Complete
 P-2652-12.....Garrard RC-80M Changer 25 cy.-Complete
 K-1529-1.....G.E. Cartridge

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