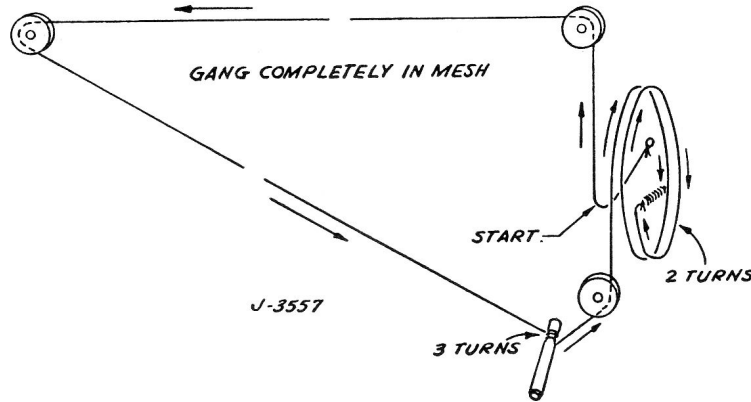
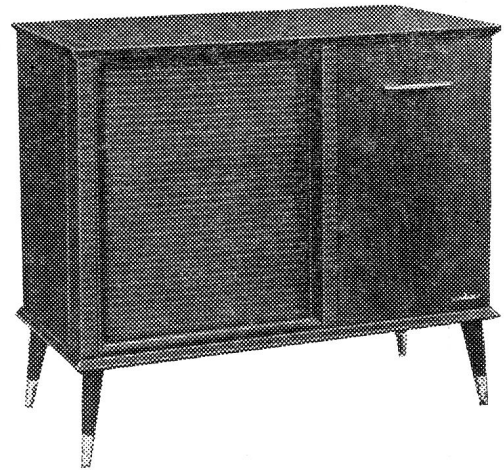
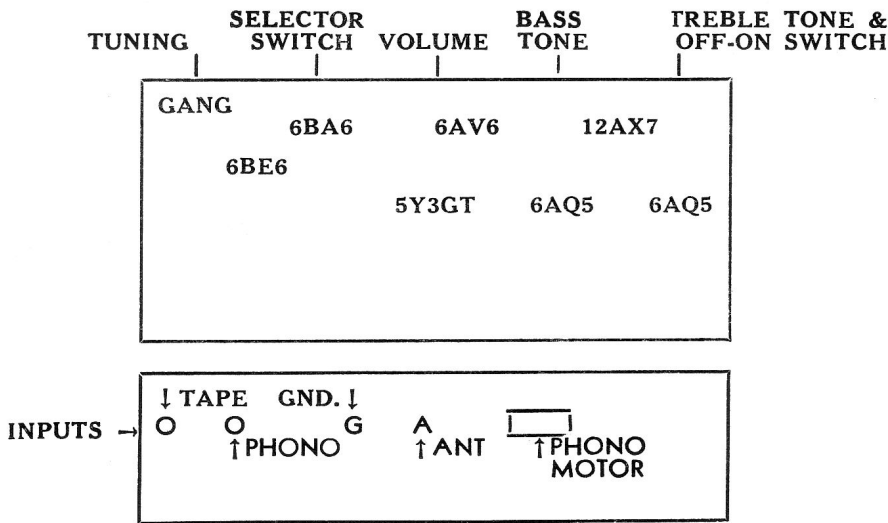


VIKING Service Information for MODEL RC-282

7 Tube, 1 Band



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

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
Undistorted Output	6 Watts
Maximum Power Output	9 Watts

When writing for Service Information or Parts please quote Model Number Serial Number and finish of cabinet.

FOR ALIGNMENT AND SENSITIVITY DATA SEE SCHEMATIC

SERVICE REPLACEMENT PARTS LIST RC-282

- A-3096.....Glass Dial Scale
- B-4123-5.....Drive Shaft
- G-503.....Triple Electrolytic 40 & 20 mfd. x 450 WV.
- 25 Mfd. x 50 WV.
- G-591.....Dual Electrolytic
- 15 & 15 mfd. x 450 WV.
- K-771A.....Pilot Lamp 6-8V .25A #44
- K-1894.....Filpec (printed circuit)
- LK-621-1.....Output Transformer
- LK-622-1.....Power Transformer 25 cycle
- LK-623-1.....Power Transformer 60 cycle
- MP-1204-46...Pointer and Slider Assembly
- P-2725-8.....Loop Antenna Assembly
- P-2876-1.....Oscillator Coil
- P-2923.....I.F. Transformer (1st and 2nd)
- Q-343-2.....Selector Switch
- R-375-7.....Bass Tone Control
- R-376-6.....Treble Tone Control with AC-OFF-ON Switch

- R-447-2.....Volume Control
- V-394-2.....Gang Condenser

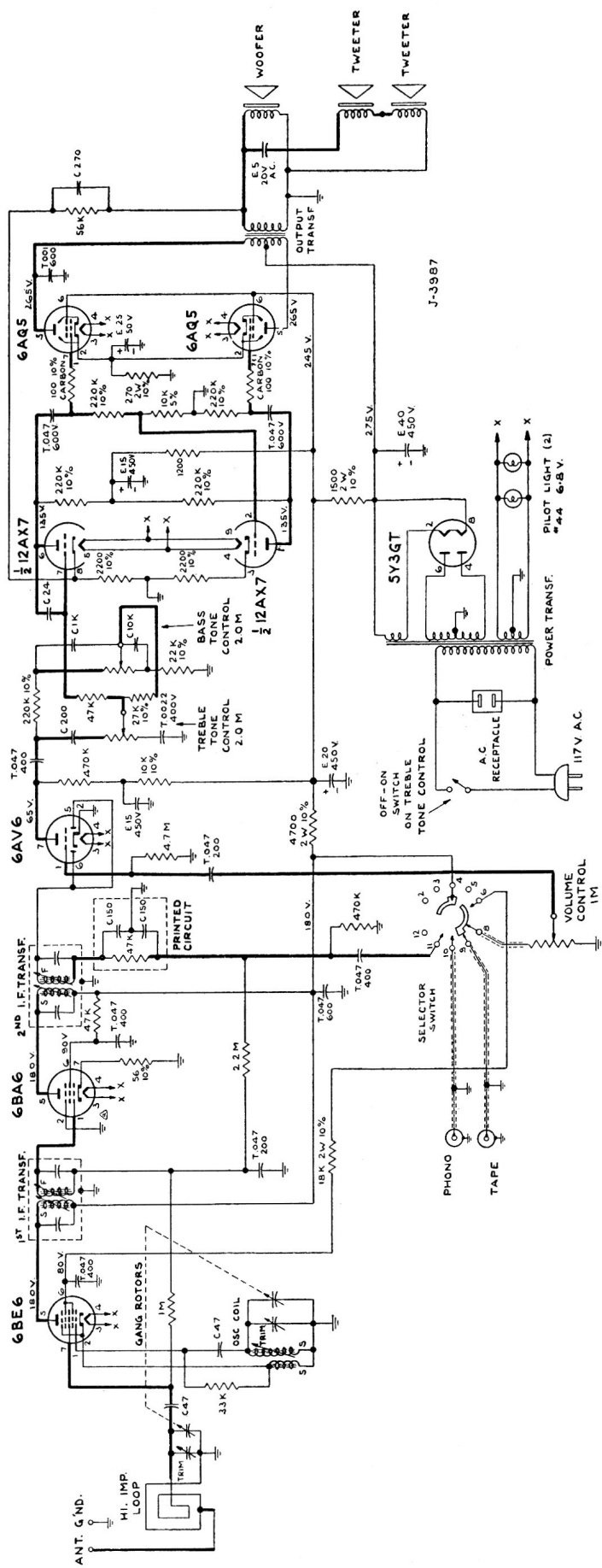
INSTALLATION

- C-957.....Escutcheon
- K-1682.....12" Coaxial Speaker
- N-522-1.....Knob (Treble, Bass) Selector Switch
- N-522-2.....Knob (Volume, Tuning)

AUTOMATIC RECORD CHANGER

- P-2928-5.....Webster Model 152 60 cycle Changer Complete
- P-2929-5.....Webster Model 152 25 cycle Changer Complete
- K-1598-1.....Webster Model 152 60 Cycle Changer Less leads
- K-1599-1.....Webster Model 152 25 cycle Changer Less leads
- K-1761.....Cartridge & Needle Assembly—Electrovoice Model 56

THE T. EATON CO. LIMITED
CANADA



COMPONENT VALUES

RESISTORS : HALF WATT, UNLESS OTHERWISE NOTED.
 20% TOLERANCE, UNLESS OTHERWISE NOTED.
 CAPACITORS : 5% TOLERANCE, UNLESS OTHERWISE NOTED.
 M = 1000,000 OHMS.
 CONDENSERS : T = TUBULAR, FOLLOWED BY CAP IN MFD AND D.C. VV.
 E = ELECTROLYTIC, FOLLOWED BY CAP IN MFD & TOL IF CRITICAL.
 C = CERAMIC, FOLLOWED BY CAP IN MFD & TOL IF CRITICAL.

ALL VOLTAGES ± 10% MEASURED TO B- WITH 20,000 OHM/VOLT METER,
 117 VOLTS, 60 CYCLE LINE AND ZERO SIGNAL INPUT.
 * FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL
 INTO LOOP OF RECEIVER
 ADJUST FOR MAXIMUM OUTPUT.

SIGNAL GENERATOR MODULATED 30% AT 400 CYCLES		ALIGNMENT AND SENSITIVITY	
STEP	APPLY SIGNAL TO	THRU 8L-4 517 GANG ADJUST FOR NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT	ADJUST FOR MAXIMUM OUTPUT
1	455 KBC 1 PIN	05 PIN NON-CORES	2200 μV
2	455 KBC 6 PIN	05 PIN NON-CORES	60 μV
3	1460 KBC 7 PIN	05 PIN	—
4	1460 ANT	1940 KC ANT TRIM	110 μV/M
5	600 ANT	05% COIL SLUG	165 μV/M

CH. NO.	DATE	CHANGE	BY	CHK.
20-283	3-22-56	REVISED TO CORRECT TO X		