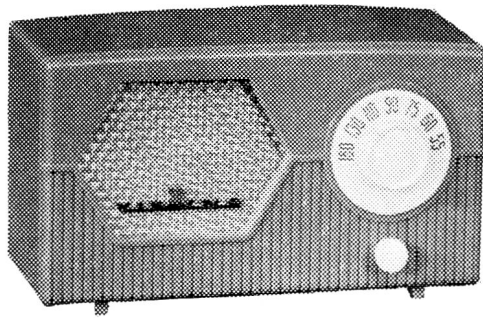


# VIKING Service Information for "RM-237R"



## SPECIFICATIONS

Standard Broadcast Range ..... 540 Kc — 1650 Kc  
 Intermediate Frequency ..... 455 Kc  
 Power Consumption ..... 30 Watts  
 Undistorted Output ..... 700 mw  
 Maximum Power Output ..... 1.1 Watts

<b>12BA6</b>			
<b>TUBE LOCATIONS</b>			
<b>50C5</b>	<b>12AV6</b>	<b>12BE6 Gang</b>	<b>35W4</b>

● Volume Control

**Power supply: 105-125 Volts A.C., 25-60 Cycles or 105-125 Volts D.C.**

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

### CAUTION FOR SERVICEMEN

Any serviceman working with this receiver when it is out of the cabinet should take special care not to come in contact with any ground connections.

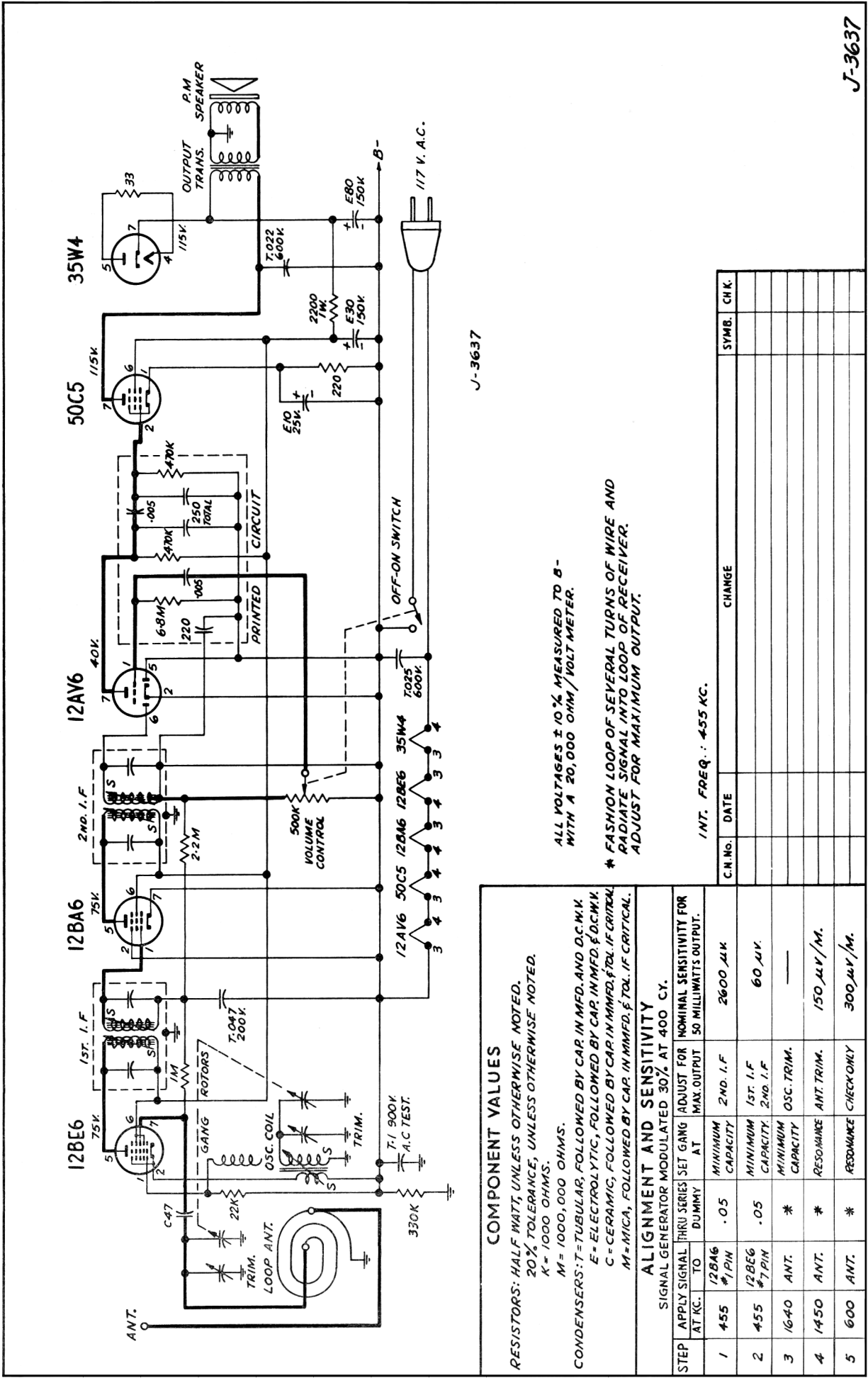
## SERVICE REPLACEMENT PARTS LIST

- G-574-2.....Triple Electrolytic
- K1427.....4" P.M. Speaker Assembly
- K-1446-1.....Line Cord and Plug Assembly
- K-1445-1.....Heyco Strain Relief Bushing
- K-1503.....Printed Circuit
- LK-422-10.....Output Transformer
- P-2438-1.....B.C. Osc. Coil
- P-2485R.....I.F. Transformer (1st and 2nd)
- P-2788.....Loop Antenna Assembly
- R-307-5.....Vol. Control with Switch
- V-364-2.....Gang Condenser

## INSTALLATION

Cabinet	Tuning Knob	Vol. Control Knob	Baffle	Grille
A-2833-1 Ivory	N-384-4	N-385-1	A-2612	C-980
A-2833-2 Brown	N-384-4	N-385-1	A-2612	C-980
A-2833-3 White	N-384-5	N-385-2	A-2612	C-980
A-2833-4 Dark Green	N-384-4	N-385-1	A-2612	C-980
A-2833-5 Bright Red	N-384-4	N-385-1	A-2612	C-980
A-2833-6 Chartreuse	N-384-4	N-385-1	A-2612	C-980

**THE T. EATON CO. LIMITED**  
 C A N A D A



J-3637

ALL VOLTAGES ± 10% MEASURED TO B- WITH A 20,000 OHM/VOLT METER.

\* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER. ADJUST FOR MAXIMUM OUTPUT.

### ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.	THRU SERIES DUMMY TO	SET GANG AT	ADJUST FOR NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT.
1	455	12BA6 #/PIN	.05	2ND. I.F. CAPACITY 2600 µK
2	455	12BE6 #/PIN	.05	1ST. I.F. CAPACITY 60 µV
3	1640	ANT.	*	OSC. TRIM. —
4	1450	ANT.	*	RESONANCE ANT. TRIM. 150 µV/M.
5	600	ANT.	*	RESONANCE CHECK ONLY 300 µV/M.

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED. 20% TOLERANCE, UNLESS OTHERWISE NOTED.

CONDENSERS: T=TUBULAR, FOLLOWED BY CAP. IN MFD. AND D.C. W.V. E=ELECTROLYTIC, FOLLOWED BY CAP. IN MFD. & D.C. W.V. C=CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL. M=MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.

M = 1000,000 OHMS. K = 1000 OHMS.

C.N.No.	DATE	CHANGE	SYMB.	CHK.

INT. FREQ.: 455 KC.