

NOTE:
 ALL VOLTAGES SHOWN IN BRACKETS 1/10% AND MEASURED
 TO B - WITH 20,000 OHM/VOLT METER WITH 117V INPUT.

VIKING 50-65

GAIN AT 1000 KC.

CONVERSION GAIN

GAIN AT 455 KC.

X4

X38

X47

50L6-6T 35Z5-6T

OUTPUT TRANS.
 P.M.

PHONO SOCKET

110-120V. A.C. OR D.C.

OFF-ON SWITCH
 (ON VOL. CONTROL)

T-025 900V. A.C. TEST

J-2606 50L6-6T 35Z5-6T

PHONO JACK

OSCILLATOR / T.O.S. COIL / 100V.

ANTENNA LOOP

SHORTED AT MAX. CAP.
 "PHONO OPERATION"

12SQ7

12SK7

12SA7

ANTENNA

GANG

ANT. TRIM.

1ST. I.F. TRANS.

2ND I.F. TRANS.

500K VOL. CONTROL

T-01 600V.

E10 25V

T-02 600V.

E50 150V.

22K

330K

T-1-900V. A.C. TEST

2.2M

470K

10M

470K

220K

220

2200-1W

E20 150V.

1M

74V

74V

74V

74V

45V

5.5V

115V

33 1W

M47

M270

M270

M270

M270

M270

M270

M270

M270

STEP	APPLY SIGNAL AT K.C.	TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT.
1	455	12SK7 4A PIN	.05	MINIMUM CAPACITY	2nd I.F.	4000
2	455	12SA7 6B PIN	.05	MINIMUM CAPACITY	1st I.F. 2nd I.F.	125
3	1600	ANT.	400	MINIMUM CAPACITY	OSC. TRIM.	
4	1450	ANT.	400	MAXIMUM OUTPUT	ANT. TRIM.	40
5	540	ANT.	400	MAXIMUM CAPACITY	CHECK ONLY	45

COMPONENT VALUES

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

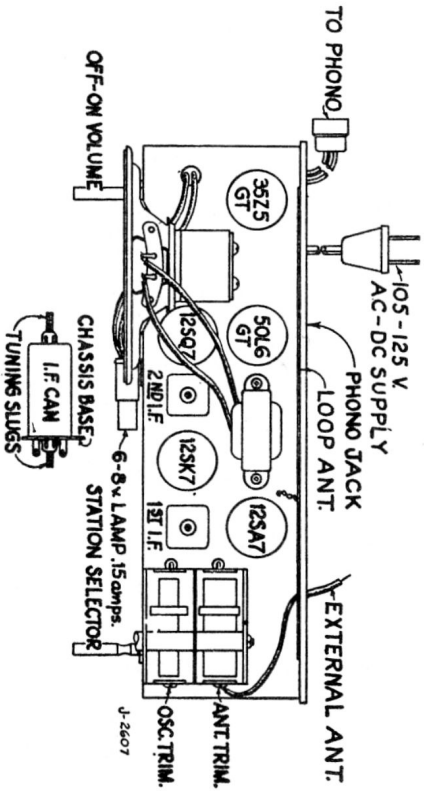
K = 1000 OHMS.

M = 1,000,000 OHMS.

CONDENSERS: T-TUBULAR, FOLLOWED BY CAP IN μ fd & D.C. M.V.
E - ELECTROLYTIC, FOLLOWED BY CAP IN μ fd & D.C. M.V.

C - CERAMIC, FOLLOWED BY CAP IN μ fd & TOL. IF CRITICAL.

M-MICA, FOLLOWED BY CAP IN μ fd & TOL. IF CRITICAL.

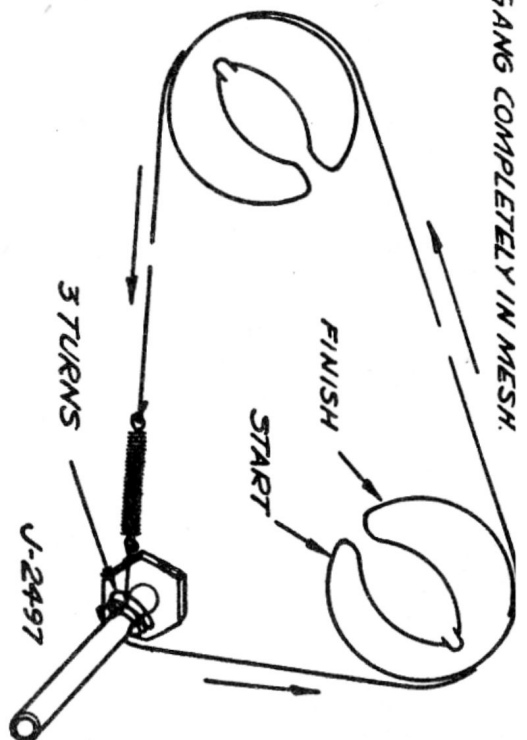


CHASSIS LAYOUT CHART

CHASSIS REMOVAL

1. Disconnect changer Power Supply & Phono leads from chassis. The plugs for these connections can be reached through the large hole at the rear of the cabinet.
2. Remove 3 Oval plus machine screws (inside cabinet)—2 at one end of record changer shelf, 1 at bottom of changer shelf.
3. Lift out Record changer and Record changer shelf. If the Record changer is to be removed from the shelf the mtg. hardware can be easily taken off with the changer shelf out of the cabinet.
4. Remove Push-on knobs and take out 2 chassis mounting bolts from bottom of cabinet.
5. The chassis can then be pulled back and up out of cabinet.

GANG COMPLETELY IN MESH.



STRINGING DETAIL

SPECIFICATIONS

Standard Broadcast Range	540 Kc. - 1600 Kc.
Intermediate Frequency	455 Kc.
Power Consumption (Radio Only)	25 Watts
Power Consumption (Radio and Phono)	33 Watts
Undistorted Power Output	700 mw.
Maximum Power Output	1.5 Watts