

Electrohome Roamer 51-13 Battery Operated Receiver

STEP	APPLY SIGNAL		THRU SERIES DUMMY	SET GANG AT		ADJUST FOR NOMINAL SENSITIVITY	
	AT K.C.	TO		AT	MAX OUTPUT	FOR 50mW OUTPUT	
1	455	I _{U4} PING	.05 mfd.	MIN. CAP.	2 NO. I.F.	4000 Ω V.	
2	455	I _{R5} PING	.05 mfd.	MIN. CAP.	1ST. I.F. 2ND. I.F.	300 Ω V.	
3	1640	ANT.	200 m mfd.	MIN. CAP.	OSC. TRIM.		
4	1450	ANT.	200 m mfd.	MAX. OUTPUT	ANT. TRIM.	40 Ω V.	
5	540	ANT.	200 m mfd.	MAX. CAP.	CHECK ONLY	30 Ω V.	

COMPONENT VALUES

RESISTORS:

HALF WATT UNLESS OTHERWISE NOTED.

20% TOLERANCE UNLESS OTHERWISE NOTED.

K = 1000 OHMS

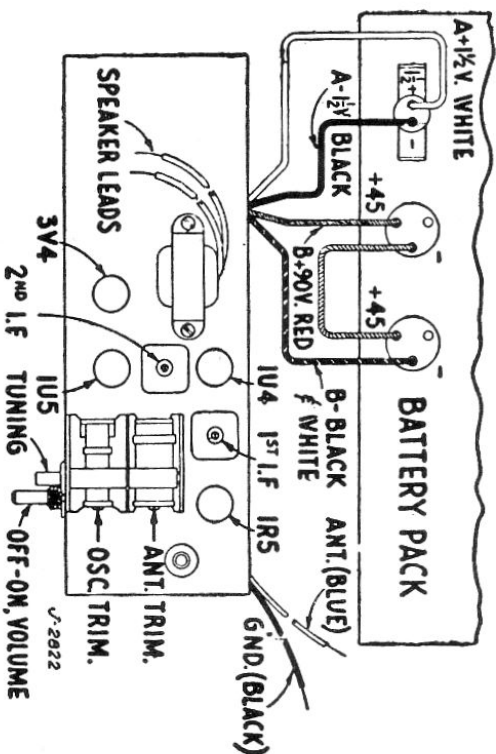
M = 1,000,000 OHMS.

CONDENSERS:

T = TUBULAR, FOLLOWED BY CAP IN mfd & DCV.

E = ELECTROLYTIC, FOLLOWED BY CAP IN mfd & D.C. V.

M = MICA, FOLLOWED BY CAP IN mfd & TOL. IF CRITICAL.



CHASSIS LAYOUT CHART

SPECIFICATION

Tuning Range	540 Kc. - 1640 Kc.
Intermediate Frequency	455 Kc.
Undistorted Power Output	125 mw.
Maximum Power Output	250 mw.
"A" Battery, 1.5 Volts—Average Drain25 Amps.
"B" Battery, 90 Volts—Average Drain	11.0 ma.