

Electrohome Serenader 5103

COMPONENT VALUES

RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.
K = 1000 OHMS.

M = 1000,000 OHMS.

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.

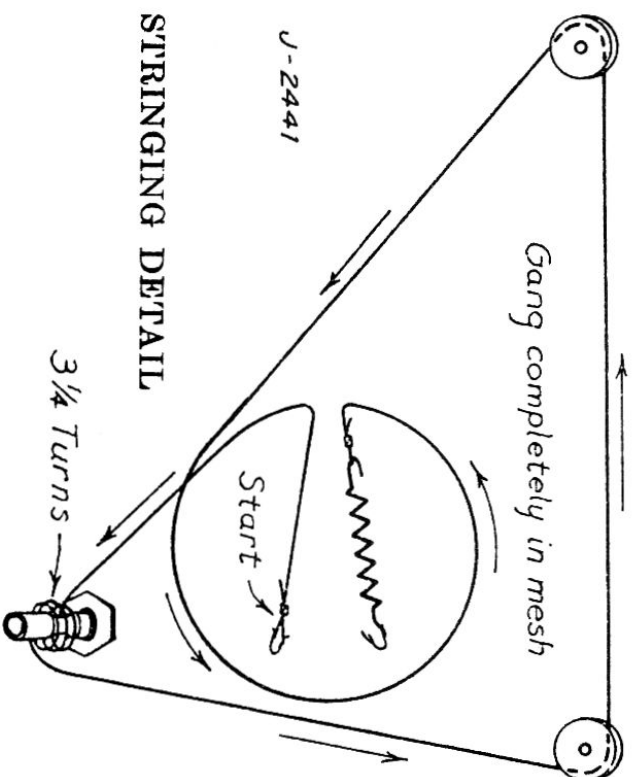
ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

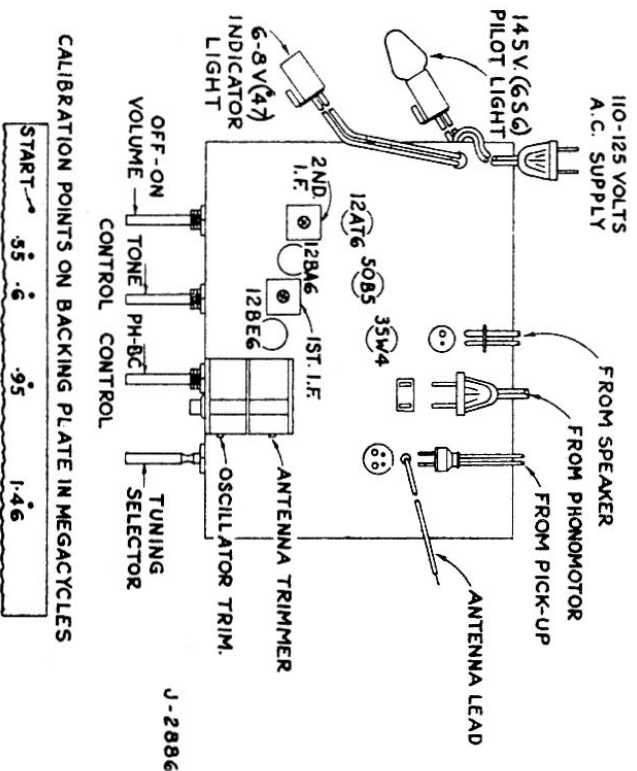
STEP	APPLY SIGNAL AT K.C.		THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT
	TO	FROM				
1	455	12BA6 #1/PIN	.05		2ND. I.F. IRON CORES	2500 μ V.
2	455	12BE6 #7/PIN	.05	MINIMUM CAPACITY	1ST. I.F. 2ND. I.F.	120
3	1460	ANT.	200 μ fd.	1460	OSC. TRIM. ANT. TRIM.	25
4	600	ANT	200 μ fd.	600	CHECK ONLY	20

SPECIFICATIONS

Standard Broadcast Range 535 Kc. - 1650 Kc.
Short Wave Range 9 Mc — 18 Mc
Intermediate Frequency 455 Kc.
Power Consumption (Radio Only) 30 Watts
Power Consumption (Radio and Phono) 48 Watts
Undistorted Output 700 MW.
Maximum Power Output 1 watt



STRINGING DETAIL



CHASSIS LAYOUT CHART

CALIBRATION POINTS ON BACKING PLATE IN MEGACYCLES

START — 55 — 6 — 95 — 146