

ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM / VOLT METER AT 117 V LINE. SELECTOR SWITCH SHOWN IN PHONO POSITION

CHASSIS LAYOUT

Electrohome

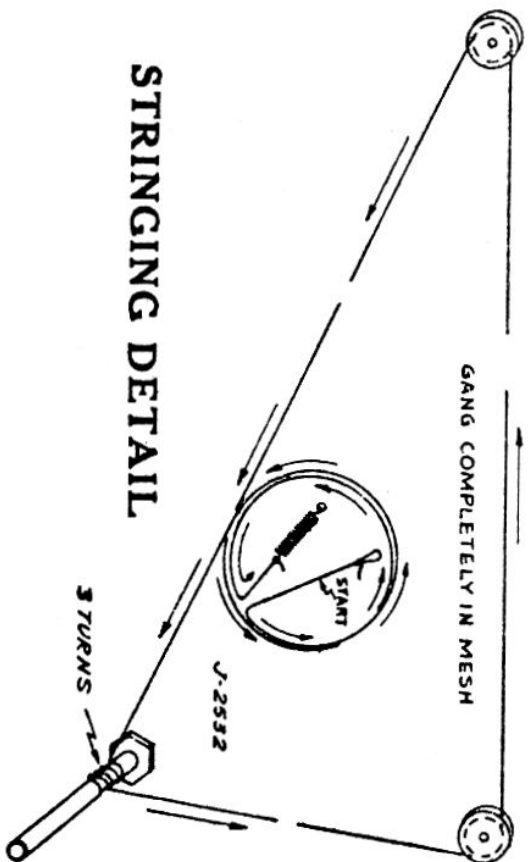
Serenader 5124

SPECIFICATIONS

Standard Broadcast Range 540 Kc. - 1650 Kc.
 Short Wave Range 9 Mc — 18 Mc
 Intermediate Frequency 455 Kc.
 Power Consumption (Radio Only) 70 Watts
 Power Consumption (Radio and Phono) 68 Watts
 Undistorted Output 3.5 Watts
 Maximum Power Output 6.5 Watts

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STRINGING DETAIL

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.

CHANGE	SYM.
WAS M10 Δ C5 ADDED	Δ
WAS CONNECTED TO 220V LINE	Δ
WAS 15 Δ 2	Δ

ALIGNMENT AND SENSITIVITY						
SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.						
STEP	APPLY SIGNAL AT KC.	TO	TWU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT.
1	455	6BA6 1F #1 PIN	.05 μ f		2ND 1F KRN CORES	3000 MICROVOLTS
2	455	6BE6 #7 PIN	.05 μ f	MIN. CAP.	1ST 1F #2ND 1F	75
3	1460	6BE6 #7 PIN	.05 μ f	1460 KC	B C OSC. TRIM.	80
4	1460	ANT.	200 μ f	1460 KC	B C ANT. INTERSTAGE TRIMMERS	3
5	600	ANT.	200 μ f	600 KC	B C OSC. PADDER	3
6	16 MC.	ANT.	400 Ω	16 MC	S W OSC. INTERSTAGE ANT TRIM.	30 Δ
7	10 MC	ANT.	400 Ω	10 MC.	CHECK POINT.	30 Δ