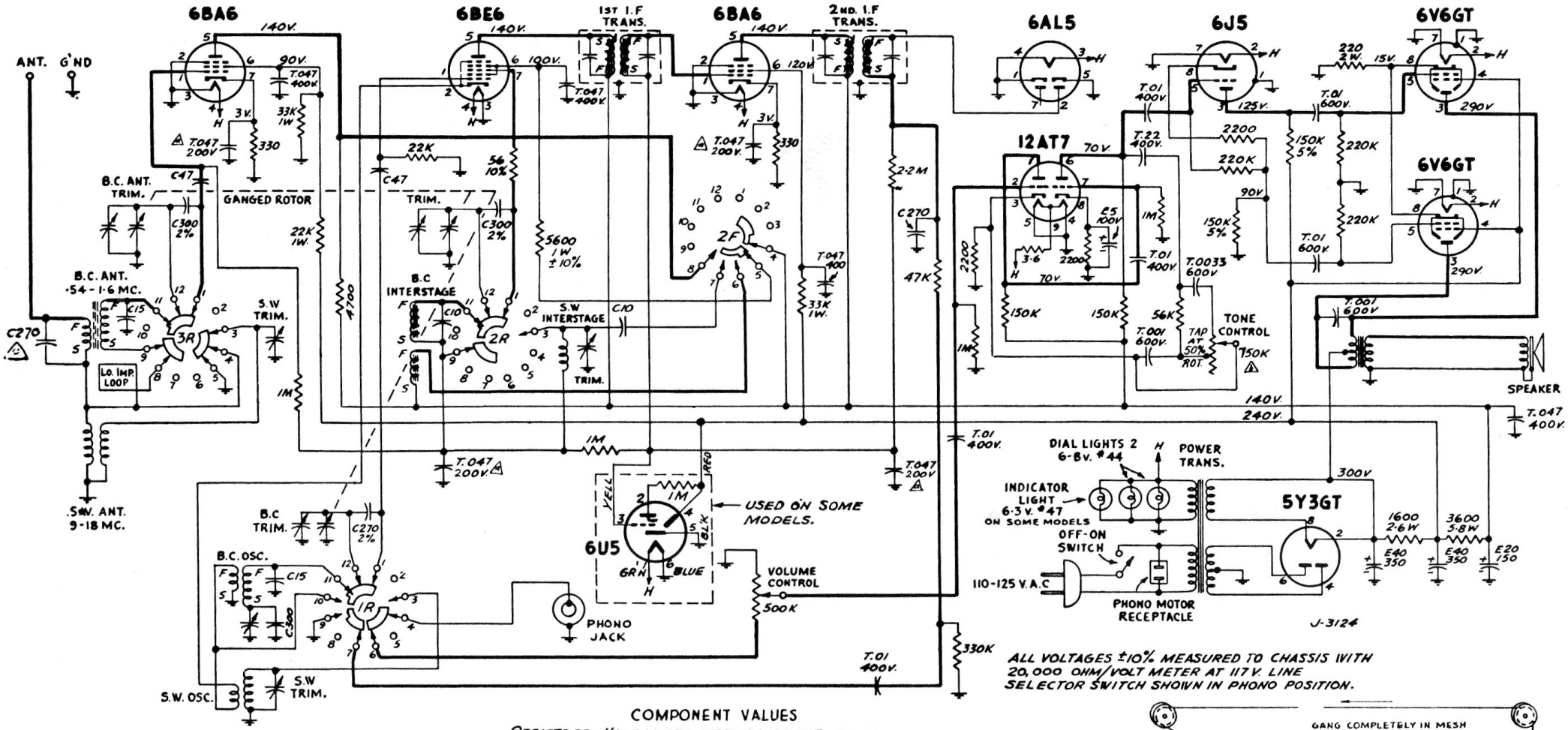


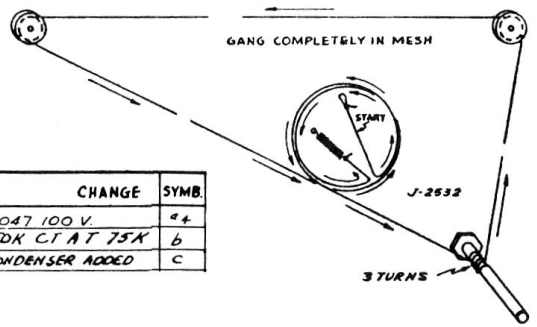
ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER AT 117 V. LINE SELECTOR SWITCH SHOWN IN PHONO POSITION.

* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER, ADJUST FOR MAXIMUM OUTPUT. FOR STEPS 4 AND 5, LOOP ON CABINET MUST BE CONNECTED OR DUPLICATED.

COMPONENT VALUES

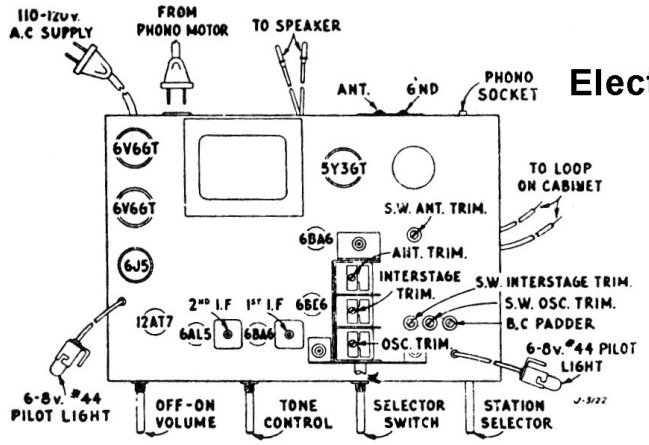
RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.
K = 1000 OHMS.
M = 1000,000 OHMS.

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.



STRINGING DETAIL

Electrohome C-98, Esquire, Park Avenue



CHASSIS LAYOUT

ALIGNMENT AND SENSITIVITY SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.					
APPLY SIGNAL AT KC.	TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
455	6BA6 I.F #1 PIN	.05 μfd.		2ND. I.F IRON CORES	μv. THESE VALUES 8000 APPLY ONLY
455	6BE6 #7 PIN	.05 μfd	MIN CAP.	1ST. I.F & 2ND. I.F.	WITH TONE 150 CONTROL SET
1460	6BE6 #7 PIN	.05 μfd.	1460 KC	B.C. OSC. TRIM	AT CENTRE 180 POSITION.
1460	ANT.	*	1460 KC.	B.C. ANT & INTERSTAGE TRIM.	40 μv/M.
600	ANT.	*	600 KC.	B.C. OSC. PADDER.	100 μv/M
16 MC.	ANT.	400 Ω	16 MC.	S.W. OSC. INTERSTAGE & ANT. TRIM.	20
10 MC.	ANT.	400 Ω	10 MC.	CHECK POINT.	15

C.N. No.	DATE	CHANGE	SYMB.
52-180	9-30-52	WAS T .047 100 V.	a
53-97	3-18-53	WAS 150K C1 AT 75K	b
53-131	4-17-53	C-270 CONDENSER ADDED	c

SPECIFICATIONS

Standard Broadcast Range	535 Kc — 1650 Kc
Short Wave Range	9.0 Mc. - 18.0 Mc.
Intermediate Frequency	455 KC.
Power Consumption (Radio Only)	85 Watts
Power Consumption (Radio and Phono)	100 Watts
Undistorted Output	6 Watts
Maximum Power Output	9 Watts