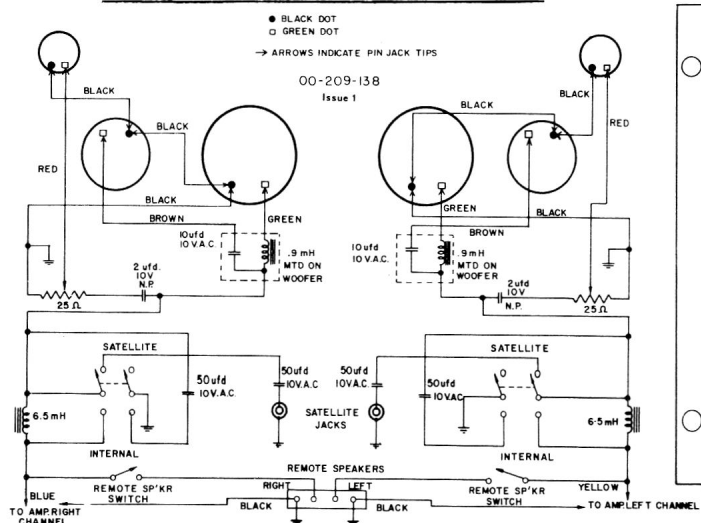


Electrohome

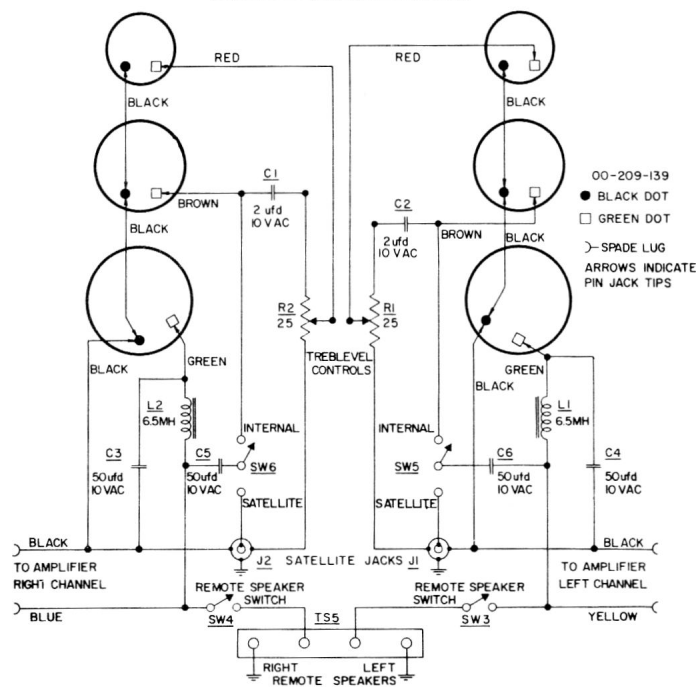
Acadian "40", Kalmar "40", Lorraine "40"

Speaker Layouts, Chassis Layouts, Dial Cord Stringing.

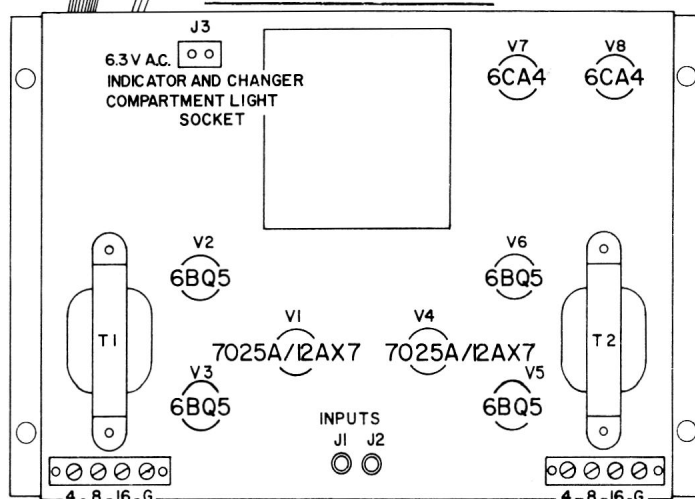
KALMAR "40" ACADIAN "40"



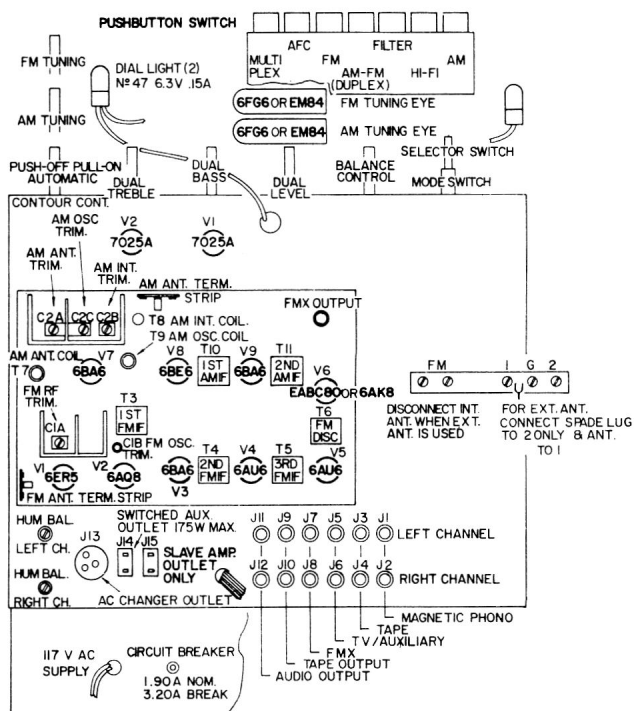
LORRAINE "40"



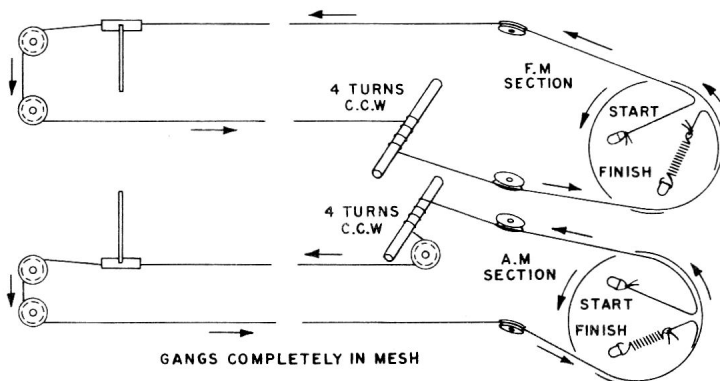
SLAVE AMPLIFIER



PREAMP - TUNER



STRINGING DETAIL

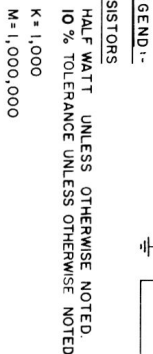


Acadian "40", Kalmar "40", Lorraine "40"

EBQ5



ALL DC VOLTAGES MEASURED TO CHASSIS WITH A V.T.V.M.
OR A 20,000 OHM/VOLT VOLTMETER.



CAPACITORS

T TUBULAR, CAPACITY IN ufd. , AND D.C.W.V.
 T CURVED LINE, OUTSIDE FOIL.

⊥ CERAMIC, MICA OR OTHER TYPES WITH NO OBVIOUS OUTSIDE OR GROUNDED SIDE. CAPACITY IN μ fd., TOLERANCE IF CRITICAL AND D.C.W.V.

00-576-0
Issue 2

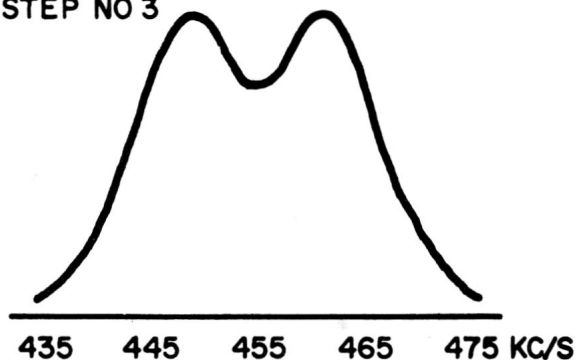
INDICATOR AND CHANGER
COMPARTMENT LIGHT
SOCKET

35

AM-FM TUNER ALIGNMENT

STEP	DUMMY ANTENNA	SIGNAL APPLIED TO	FREQ.	MODULATION	BAND SWITCH SETTING	DIAL POINTER SETTING	INDICATING METER	ADJUST	REMARKS	NOMINAL SENSITIVITY	
1	.05 uf	Pin No. 1 V9 6BA6	455 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T11 2nd. AM-IF	Adjust for maximum output.	4000 uv for 20 mv output	
2	.05 uf	Pin No. 7 V8 6BE6	455 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T10 1st. AM-IF	Adjust for maximum output.	300 uv for 20 mv output	
3	Change Band Switch to (AM Hi-Fi) Tune Signal Generator across 440-470 Kc/s Frequency Range and check for approx. response curve as shown. This test should preferably be made with a proper sweep generator and scope.										
4	200 uuf	AM Ant. Term. Strip No. 1	600 Kc/s	400 c.p.s. AM at 30%	AM	600 Kc/s	AC-VTVM To Point "E"	T7, T8, and T9	Connect for long wire antenna, adjust for maximum output.	2.5 uv for 20 mv output	
5	200 uuf	AM Ant. Term. Strip No. 1	1400 Kc/s	400 c.p.s. AM at 30%	AM	1400 Kc/s	AC-VTVM To Point "E"	C2A, C2B and C2C Trimmers.	Connect for long wire antenna, adjust for maximum output.	1.8 uv for 20 mv output	
6	Repeat steps 4 and 5, check for band coverage at 535 Kc/s - 1650 Kc/s and for tracking at 950 Kc/s.										
7	-	Pin No. 1 V4 6AU6	10.7 Mc/s	-	FM	Point of no Interference	DC-VTVM To Point "G"	T5 3rd. FM-IF	Adjust for maximum meter deflection.	15000 uv for 1V output	
8	-	Pin No. 1 V4 6AU6	10.7 Mc/s	-	FM	Point of no Interference	DC-VTVM to Pin No.5 of T6	T6 FM Discriminator Primary	Adjust for maximum meter deflection.	10000 uv for 3V output	
9	-	Pin No. 1 V4 6AU6	10.7 Mc/s	-	FM AFC	Point of no Interference	DC-VTVM To Point "H"	T5 FM Discriminator Secondary	Adjust for zero voltage		
10	-	Pin No. 1 V3 6BA6	10.7 Mc/s	-	FM	Point of no Interference	DC-VTVM To Point "G"	T4 2nd FM-IF	Adjust for maximum meter deflection	250 uv for 1V output	
11	-	C1A FM Gang	10.7 Mc/s	-	FM	Point of no Interference	DC-VTVM To Point "G"	T3 1st FM-IF	Adjust for maximum meter deflection.	-	
12	*	FM Ant. Term. Strip	90 Mc/s	400 c.p.s. FM 22.5 Kc/s Deviation	FM	90 Mc/s	AC-VTVM To Point "J"	Expand or compress L3 and T2	Adjust for maximum output.	3 uv for 100 mv output	
13	*	FM Ant. Term. Strip	106 Mc/s	400 c.p.s. FM 22.5 Kc/s Deviation	FM	106 Mc/s	AC-VTVM To Point "J"	C1B and C1A Trimmers	Adjust for maximum output.	3 uv for 100 mv output	
14	Repeat steps 12 and 13 until output drops at least 20 db. when mod. is turned off.										3.0 uv
NOTE: To achieve more accurate alignment of FM IF's and Discriminator it is preferable to use a proper sweep generator and oscilloscope.											

STEP NO 3



* For FM dummy antenna connect one 150 μ carbon resistor from grounded side of sig. gen. to ant. term. and one 120 μ carbon resistor from hot side of sig. gen. to ant. term.