

CHASSIS C118-1, C118-2,  
C118-3

FARNSWORTH TELEV. & RADIO CORP.

WATTS  
VOLTAGE

AT 117 VOLTS A.C.  
A.C.

CC MODEL 60, CK MODELS 80  
105-125

PUSH BUTTON SET UP

TO PREVENT THE BUTTONS FROM BEING SET UP ON THE WRONG STATION A SIGNAL GENERATOR SHOULD BE USED.

ADJUST THE LOWER SCREW FIRST AS THIS IS THE OSCILLATOR, UNTIL THE SIGNAL IS HEARD MOST CLEARLY (SEE FIG.). THEN ADJUST THE TRIMMER SCREW DIRECTLY ABOVE THE OSCILLATOR FOR MAXIMUM VOLUME.

EQUIPMENT AND PROCEDURE FOR ALIGNMENT

WHEN ALIGNING THIS RECEIVER A SIGNAL GENERATOR CALLIBRATED AT 455 Kc, 600 Kc, 1500 Kc, 1720 Kc, 9.5 Mc, 12 Mc, AND 12.1 Mc, ALSO AN OUTPUT INDICATOR ARE REQUIRED. ALL ADJUSTMENTS SHOULD BE MADE WITH THE VOLUME CONTROL SET FOR MAXIMUM VOLUME, KEEPING THE GENERATOR OUTPUT AS LOW AS POSSIBLE TO PREVENT A.V.C. ACTION AND FALSE READINGS. BEFORE RE-ALIGNING THE SET BE SURE ALL ADJUSTING SCREWS FOR THE IRON CORE OSCILLATOR COILS ARE FLUSH WITH OR INSIDE THE CHASSIS BASE.

CONNECT THE LOW SIDE OF THE SIGNAL GENERATOR TO THE TERMINAL MARKED G. (GROUND), AND THE HIGH SIDE OF THE GENERATOR TO THE TERMINAL MARKED A. (ANTENNA). (SEE FIG.A).

CAUTION--OFTEN TWO PEAKS ARE FOUND AT 12.1 Mc. USE THE ONE FOUND AT THE MAXIMUM SETTING OF THE OSCILLATOR TRIMMER.

CAUTION--BE SURE AND REMOVE THE DIAL POINTER BEFORE REMOVING THE SET FROM THE CABINET.

STEPS	USE IN SERIES WITH ANTENNA	SET GENERATOR AT	SET GANG AT	ADJUST	LOCATED	TO OBTAIN	
1.	SET VOLUME CONTROL AT MAXIMUM						
2.	250 MMFD.	455 Kc.	NOTE A	2ND I.F. TRIMMERS	TOP 2ND I.F. TRAN.	MAXIMUM OUTPUT	
3.				1ST I.F. TRIMMERS	TOP 1ST I.F. TRAN.		
4.		1720 Mc.	1720	B.C. R.F. TRIMMER	SEE FIG.		
5.		1500 Kc.	1500	B.C. R.F. TRIMMER	ON THE LOOP		
6.		600 Kc.	600 Kc. ROCK GANG	B.C. PADDER	SEE FIG.		
7.		RECHECK 1600 Kc.					
8.	400 OHMS	12.1 Mc.	12.1 Mc.	S.W. Osc. TRIMMER			
9.		12.1 Mc.	12.1 Mc.	S.W. R.F. TRIMMER			
10.		9.5	9.5 Mc. ROCK GANG	S.W. PADDER			