



C1	500 Mmfd. Mica	± 20%			
C2	500 Mmfd. Mica	± 20%			
C3	.025 Mmfd. Paper	± 20%	600 V.		
C4	50 Mmfd. Mica	± 20%			
C5	.05 Mfd. Paper	± 20%	400 V.		
C6	.025 Mfd. Paper	± 20%	600 V.		
C7	250 Mmfd. Mica	± 20%			
C8	.025 Mfd. Paper	± 20%	600 V.		
C9	.005 Mfd. Paper	± 20%	600 V.		
C10	500 Mmfd. Mica	± 20%			
C11	.005 Mfd. Paper	± 20%	600 V.		
C12A	60 Mfd. Filter Condenser				
C12B	40 Mfd. Filter Condenser				
C13	.02 Mfd. Paper	± 20%	600 V.		
C14A	Condenser Variable (Ant. Section)				
C14B	Condenser Variable (Osc. Section)				
C15	Trimmer Condenser (Ant. 1500 KC.) on C14A				
C16	Trimmer Condenser (Osc. 1500 KC.) on C14B				
C17A	Trimmer Condenser (On Input I.F. Trans. T1)				
C17B	Trimmer Condenser (On Input I.F. T1)				
C18A	Trimmer Condenser (On Input I.F. T2)				
C18B	Trimmer Condenser (On Output I.F. T2)				

R1	.47 Megohm	± 20%	1/4 W.	
R2	22,000 Ohm.	± 20%	1/4 W.	
R3	1 Megohm	± 20%	1/4 W.	
R4	2.2 Megohm	± 20%	1/4 W.	
R5	Volume Control		.5 Megohm	
R6	On-Off Switch			
R7	22 Ohm.	± 20%	1/2 W.	
R8	10 Megohm	± 20%	1/4 W.	
R9	.47 Megohm	± 20%	1/4 W.	
R10	450 Ohm.	± 5%	5 W.	
R11	150 Ohm.	± 20%	1/2 W.	
R12	1000	± 20%	1 W.	

Addison B2A, B2B, B2C



R12 ALL SETS SERIAL No. 84,000 UP. R10 ALL SETS TO SERIAL No. 84,000

1. TUNING I.F. AMPLIFIER TO 456 KILOCYCLES

- (a) Connect the output from the Signal Generator through a 60 mmfd. mica condenser to the antenna lug terminal on L 3.
- (b) Connect the Output Meter across the voice coil.
- (c) Turn the control, situated at the left on chassis (On-Off switch and Volume Control) to its maximum clockwise position and the Tuning Condenser so the plates are completely in mesh.
- (d) Adjust Signal Generator to setting of 456 Kilocycles.
- (e) Adjust both trimmers located on top of the 2nd I.F. Transformer (T2) until maximum deflection is obtained on the Output Meter.
- (f) Adjust both trimmers located on top of the 1st I.F. Transformer (T1) until maximum deflection is obtained.
- (g) Repeat the above two adjustments to determine that maximum deflection has been obtained.

N.B. After each adjustment has been made it may be necessary to re-adjust the Generator Attenuator to give a reasonable output.

2. BROADCAST BAND ALIGNMENT

- (a) Leave Generator and Output Meter connected as described in the Tuning of the I.F. Amplifier.
- (b) Adjust the Signal Generator to 1500 K.C. and the Tuning Condenser for a corresponding Dial reading.
- (c) Adjust the Oscillator Trimmer on the Tuning Condenser until maximum deflection is obtained on the Output Meter.
- (d) Now adjust the Mixer Trimmer on the Tuning Condenser until maximum deflection is obtained.
- (e) If adjustment should be necessary at the low frequency end of the broadcast band, bend the slotted sections on mixer section of the Tuning Condenser for maximum Output.

