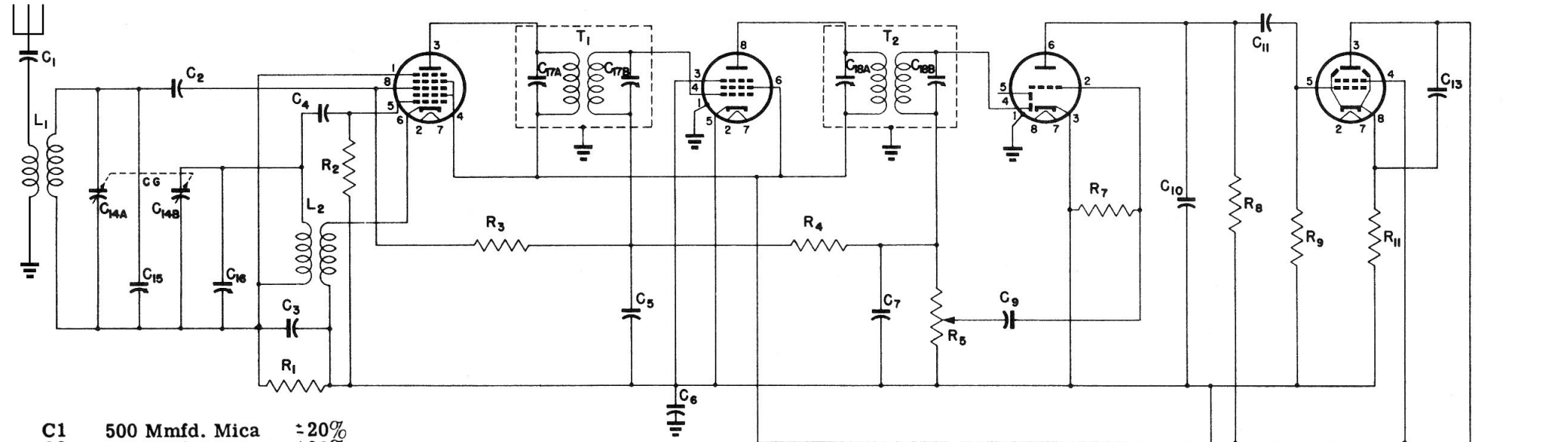


12SA7

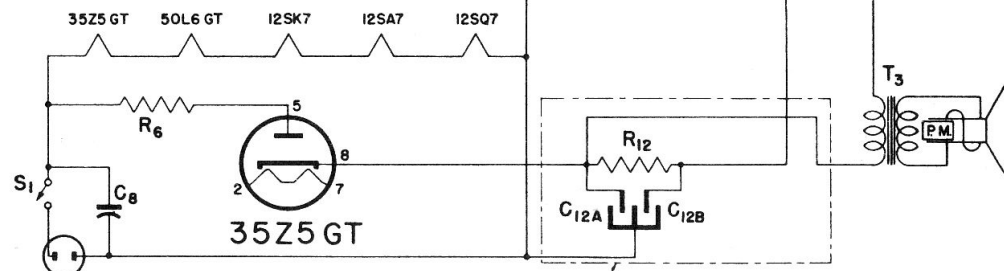
12SK7

12SQ7

50L6 GT

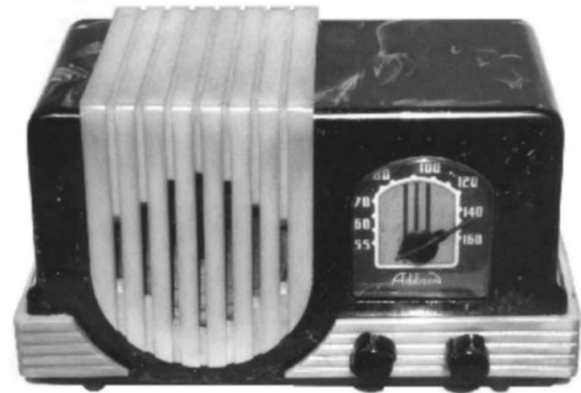


- | | | | | | |
|------|---|------|--------|-----|--------------------------|
| C1 | 500 Mmfd. Mica | ±20% | | | |
| C2 | 500 Mmfd. Mica | ±20% | | | |
| C3 | .025 Mfd. Paper | ±20% | 600 V. | R1 | .47 Megohm ±20% 1/4 W. |
| C4 | 50 Mmfd. Mica | ±20% | | R2 | 22,000 Ohm. ±20% 1/4 W. |
| C5 | .05 Mfd. Paper | ±20% | 400 V. | R3 | 1 Megohm ±20% 1/4 W. |
| C6 | .025 Mfd. Paper | ±20% | 600 V. | R4 | 2.2 Megohm ±20% 1/4 W. |
| C7 | 250 Mmfd. Mica | ±20% | | R5 | Volume Control .5 Megohm |
| C8 | .025 Mfd. Paper | ±20% | 600 V. | R6 | 22 Ohm. ±20% 1/2 W. |
| C9 | .005 Mfd. Paper | ±20% | 600 V. | R7 | 10 Megohm ±20% 1/4 W. |
| C10 | 500 Mmfd. Mica | ±20% | | R8 | .47 Megohm ±20% 1/4 W. |
| C11 | .005 Mfd. Paper | ±20% | 600 V. | R9 | .47 Megohm ±20% 1/4 W. |
| C12A | 60 Mfd. Filter Condenser | | | R10 | 450 Ohm. ±5% 5 W. |
| C12B | 40 Mfd. Filter Condenser | | | R11 | 150 Ohm. ±20% 1/2 W. |
| C13 | .02 Mfd. Paper | ±20% | 600 V. | R12 | 1000 " ±20% 1 W. |
| C14A | Condenser Variable (Ant. Section) | | | | |
| C14B | Condenser Variable (Osc. Section) | | | | |
| C15 | Trimmer Condenser (Ant. 1500 KC.) | | | | |
| C16 | Trimmer Condenser (Osc. 1500 KC.) | | | | |
| 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) | | | | |



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

Addison B2A, B2B, B2C



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.

