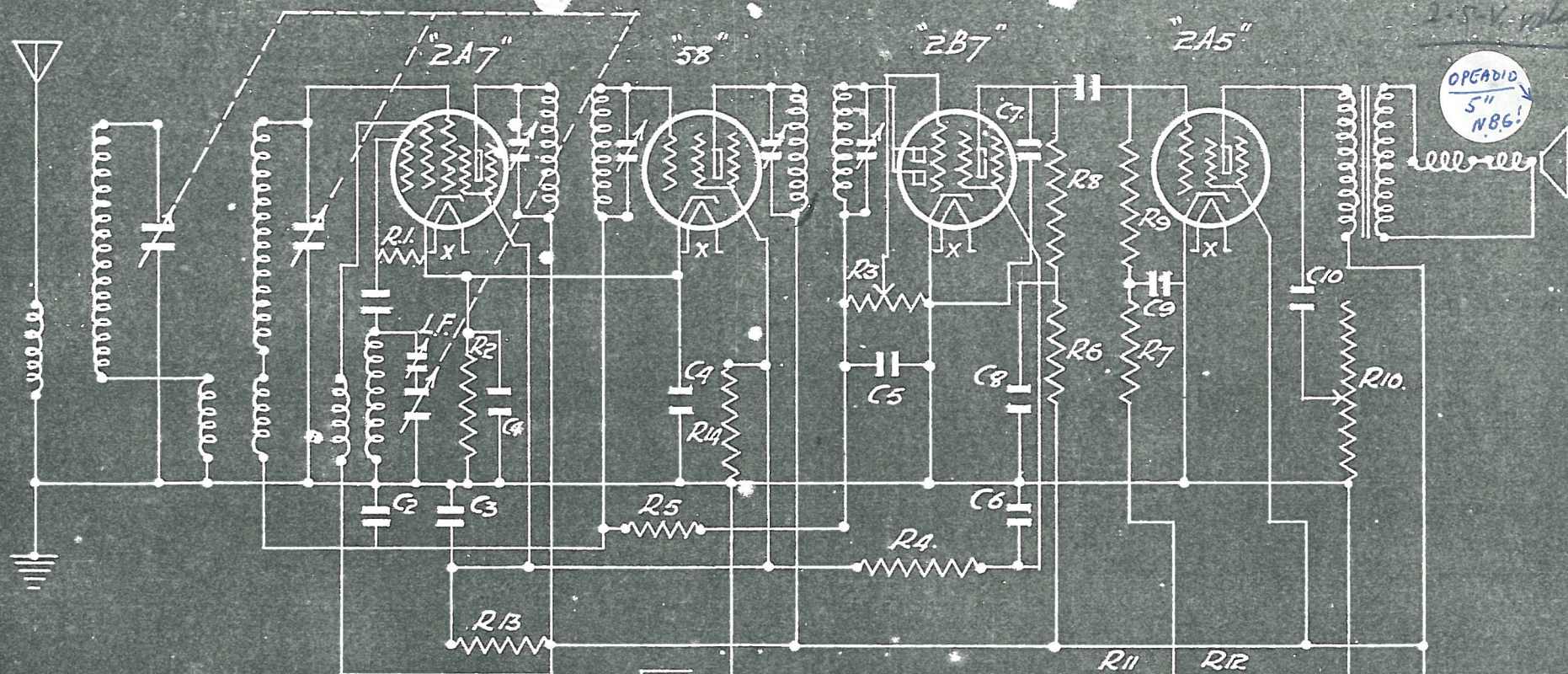


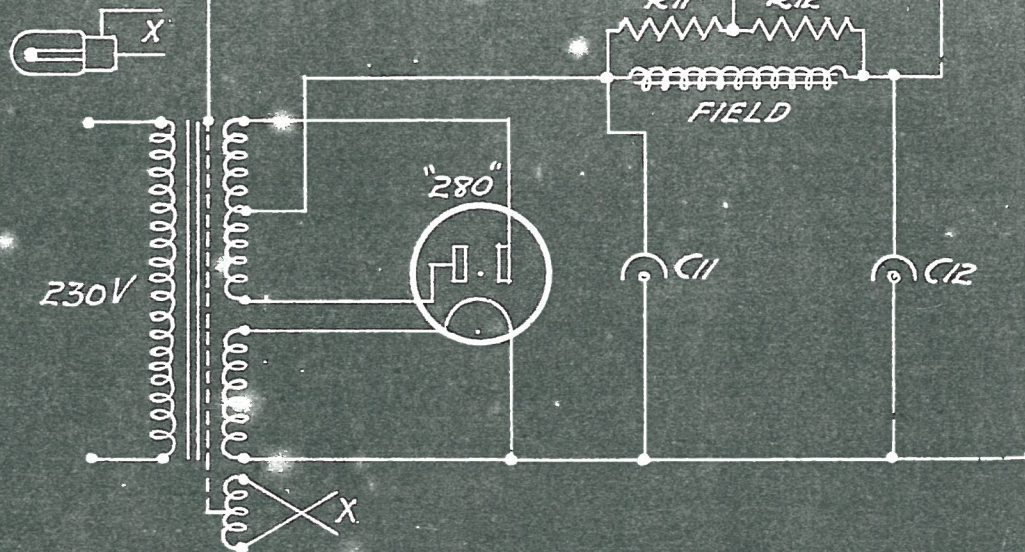
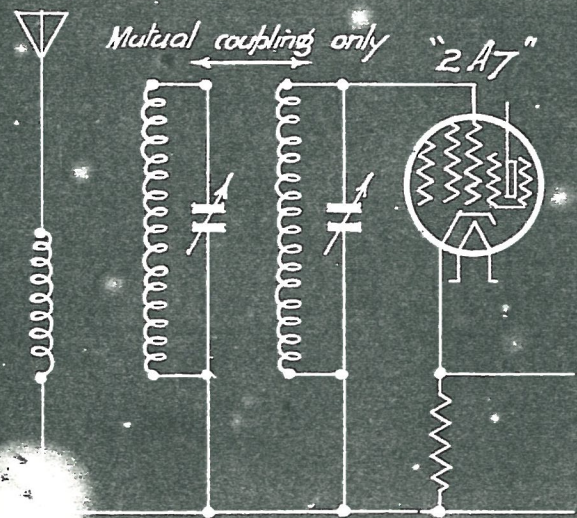
MOD. L 5 A.V. RECEIVE

18-10-33

Version 1
2.5 V. plate



Modification for Single Can type Preselector on 5A.V. early models, and on all Comfacs



Detail 18-10-33 on the side

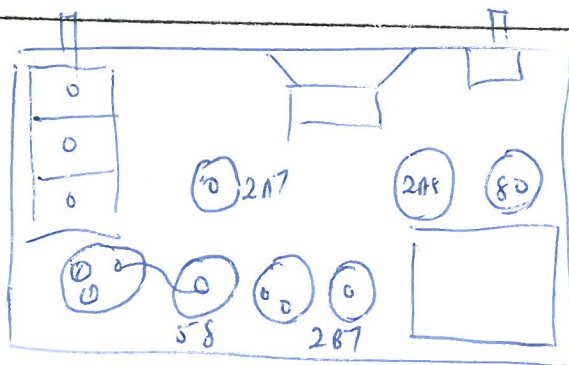
- | | |
|--|--|
| C. 1. Oscillator Grid Condenser, .00025 mfd. | R. 1. Oscillator grid leak, 75-100,000 ohms. |
| C. 2. A.V.C. Filter, .05 - .1 mfd. | R. 2. Bias Resistor, 300 ohms. |
| C. 3. Screen bypass, .25 mfd. | R. 3. Volume Control, .5 meg. |
| C. 4. Cathode " .25 mfd. (in direct time) | R. 4. 2nd. Detector, screen 1 meg. |
| C. 5. Diode load bypass, .00025 mfd. | R. 5. A.V.C. Filter, 1 meg. |
| C. 6. Detector screen bypass, .1 mfd. | R. 6. Plate filter, 75,000 ohms. |
| C. 7. Plate R.F. Filter, .00025 mfd. | R. 7. Grid filter, .5 meg. |
| C. 8. Plate A.F. " .25 mfd. | R. 8. Plate load resistance, .25 meg. |
| C. 9. Grid A.F. Filter, .1 mfd. | R. 9. Grid leak, 1 meg. |
| C. 10. Tone Control, .05 - .1 mfd. | R. 10. Tone Control, 100,000 ohms. |
| C. 11. 8 mfd. Insulated. | R. 11. Pentode bias potentiometer, .5 meg. |
| C. 12. 8 mfd. Grounded | R. 12. " " " 75,000 ohms. |
| | R. 13. Screen Resistor, 15,000 ohms. |
| | R. 14. Screen Bleeder, 15,000 ohms. |

R15

VOLTAGE DETAILS.

Anode volts, normal 250
 Screen volts, normal 100
 Detector screen volts (2B7) 10
 Speaker field volts 135

ALL VOLTAGES MEASURED ON 1,000 O.P.V. METER.



Cromwell 1874 chert
 1937
 model 5-AV

5 A.V. Compact, Same diagram with exception Tone Control and Dial Light.

1933 model

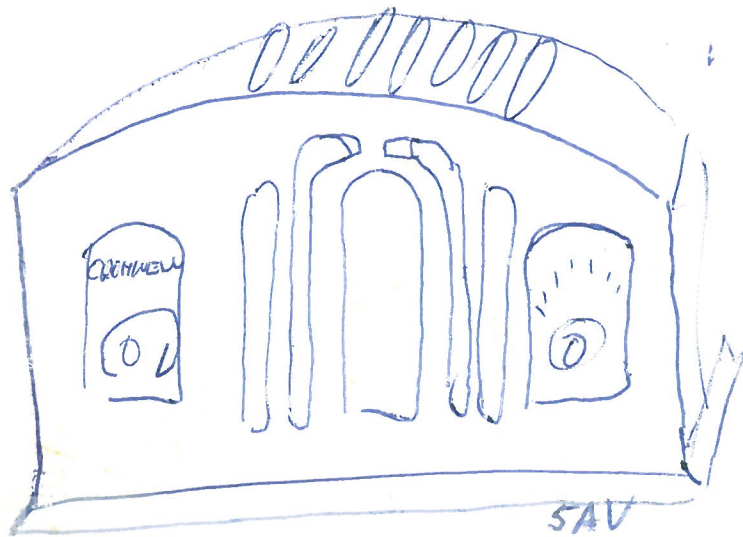
C. 1. Oscillator grid Condenser, .00025 mfd.	R. 1. Oscillator grid leak, 75- 100,000 ohms
C. 2. A.V.C. filter, .05 mfd.	R. 2. Bias Resistor, 300 ohms.
C. 3. Screen bypass, .25 mfd.	R. 3. Volume Control, .5 meg.
C. 4. Cathode " .25 mfd.	R. 4. 2nd Detector Screen, 1 meg.
C. 5. Diode load bypass, .00025 mfd.	R. 5. A.V.C. Filter, 1 meg.
C. 6. Detector screen bypass, .05 mfd.	R. 6. Plate filter, 75,000 ohms.
C. 7. Plate filter R.F. .00025 mfd.	R. 7. Grid filter, .5 meg.
C. 8. " " A.F. .1 mfd.	R. 8. Plate load Resistance, .25 meg.
C. 9. Grid filter A.F., .1 "	R. 9. Grid leak, 1 meg.
C.11. 8 mfd. dry Electrolytic.	R.11. Pentode bias Potentiometer, .5 meg.
C.12 " " "	R.12 " " " 75,000 ohms.
	R.13. Screen Resistor, 15,000 ohms.
	R.14. Screen Bleeder, 15,000 ohms.

VOLTAGE DETAILS.

Anode volts, normal	250
Screen volts, normal	100
Detector screen volts(2B7)	10
Speaker field volts.	135

ALL VOLTAGES MEASURED ON 1,000 O.P.V. METER.

18 OCT. 1938



MODEL 5 A.V. RECEIVER

