



## Philco 84 B

TYPE CIRCUIT: 4 Valve Battery powered Superhet. circuit with A.V.C.

VALVES USED: 1 type 1C7G; 1 type 1K7G; 1 type 1L5G; 1 type 1M5G.

POWER CONSUMPTION: "B" Supply 9 m.a. "A" Supply .48 amperes without pilot light.  
.90 amperes with pilot light.

POWER SUPPLY: 1-2 volt 100 A.H. Battery; 2-45 Volt "B" batteries and 1-9 volt "C" Bat.

VOLUME CONTROL: 500,000 ohms graphite type.

INTERMEDIATE FREQUENCY: 462.5 k.c.

SPEAKER: Philco type 186S Permagnetic.

FREQUENCY COVERAGE: 1500-550 k.c.

ALIGNMENT FREQUENCIES: 1500 and 600 Kcs.

### COMPONENTS.

1. Wave trap complete
2. Aerial Coil Assembly
3. Oscillator Coil Assembly
4. 1st Intermed. Trans. Assembly
5. 2nd Intermed. Trans. Assembly
6. Wave trap trimmer (part of 1)
7. Aerial coil trimmer
8. Plate trimmer (part of 4)
9. Grid trimmer (part of 4)
10. Plate trimmer (part of 5)
11. Grid trimmer (part of 5)
12. Oscillator coil trimmer
13. Padder (low freq. trimmer)
14. 2 Gang condenser
15. Condenser 12 M.K. fd.
16. Condenser 25 M.K. fd.
17. Condenser 6 plate (.0004)
18. Condenser 6 plate (.0004)
19. Condenser .1mfd. 400V.
20. Condenser .1mfd. 400V.
21. Condenser .1mfd. 400V.
22. Condenser 4 plate (.0002)
23. Condenser .05 mfd. 200V.
24. Condenser 6 plate (.0004)
25. Condenser .01 mfd 400V.

- Valve shield  
Valve shield base.  
Escutcheon and convex.  
5B Octal socket
26. Condenser .01 mfd. 400V.
  27. Condenser .5 mfd. 200V.
  28. Condenser .006 mfd. 400V.
  29. Resistor 25T ohms.  $\frac{1}{2}$  watt.
  30. Resistor 50T ohms.  $\frac{1}{2}$  watt.
  31. Resistor 15T ohms. 1 watt.
  32. Resistor 50T ohms.  $\frac{1}{2}$  watt.
  33. Resistor 1 meg.ohms.  $\frac{1}{2}$  watt.
  34. Resis. .25 meg.ohms.  $\frac{1}{2}$  watt.
  35. Resis. 1 meg.ohms.  $\frac{1}{2}$  watt.
  36. Resis. 1 meg.ohms.  $\frac{1}{2}$  watt.
  37. Resis. 1 meg.ohms.  $\frac{1}{2}$  watt.
  38. Resis. 1 meg.ohms.  $\frac{1}{2}$  watt.
  39. 500T ohm. Stackpole Vol. Con.
  40. Speaker Transformer
  41. Two way switch
  42. Pilot lamp.
  43. Junction strip (single)
  44. Condenser 2 plate (.0001)
  45. 9V "C" Battery