



TYPE CIRCUIT: 5 valve Bat. operated superhet. with A.V.C.

VALVES USED: 1 type 1A4 R.F; 1 type 1B4 Detc. Osc; 1 type 1A4 I.F; 1 type 1B5 2nd Detc, 1st Audio and A.V.C. 1 type 1F4 output pentode.

VOLUME CONTROL: 500,000 ohms graphite type.

INTERMEDIATE FREQUENCY: 175 k.c.

BATTERIES: 3-45 volt Superdyne "B" Batteries; 1-2 Volt 100 A.H. Accumulator; 1-9 volt "C" Battery.

TUNING SYSTEM: Philco Friction driven, slide rule scale type with automatic take-up. B/cast stations "zoned" and b/cast band calibrated in kilocycles.

SPEAKER: 8" Philco Permagnetic type

FREQUENCY COVERAGE: 1500-550 k.c.

ALIGNMENT FREQ: 1,500 and 600 Kcs.

1. Aerial Tuning Coil (A)
2. Aer. H.F. Comp. Cond.
3. Cond. 12 mmfd. mica
4. Gang Condenser
5. R.F. Tuning Coil ("B")
6. Cond. mica 25 mmfd
7. R.F.H.F. Comp.Cond.
8. 1st Inter. Trans.
9. 1st Inter.Prim.Comp.Con.
10. 1st Inter.Secon.Comp. "
11. 2nd Inter. Transformer
12. 2nd Inter.Prim.Comp.Con.
13. 2nd Inter.Second.Comp.
14. Osc. Tuning Coil ("C")
15. Osc.L.F. Comp.Cond.
16. Osc. H.F. Comp.Cond.
17. Resistor 100T. ohm  $\frac{1}{2}$ W.
18. Cond. .1 mf.400V.
19. Cond. .1 mf 400V.
20. Cond. .1 mf. 400V.
21. Cond. .1 mf. 400V.
22. Resistor 250,000 ohm 1W.
23. Resistor 50,000 ohm 1W.

24. Toggle Switch (Rotary)
25. Volume Control 500T. ohms
26. Resistor 100,000 ohm  $\frac{1}{2}$ W.
27. Resistor 1 meg ohm  $\frac{1}{2}$ W.
28. Condenser .00025 mf. mica
29. Condenser .01 mf.400V.
30. Condenser .00025 mica
31. Condenser .00025 mica
32. Condenser .01 mf.400V.
33. Resistor 250,000 ohm  $\frac{1}{2}$ W.
34. Resistor 1 meg  $\frac{1}{4}$ W.
35. Resistor 1 meg.  $\frac{1}{4}$ W.
36. Battery Switch
37. Dial Lamp
38. Condenser .006 mf. 400V.
39. Speaker Transformer
40. Condenser .05 mf. 400V.
41. Tone Control 16000T ohms
42. Condenser .00045
43. Resistor 1 meg ohm  $\frac{1}{2}$ W.
44. Condenser .00025 mfd.
45. Resistor 2 meg  $\frac{1}{2}$ W.
46. Condenser .00095.