

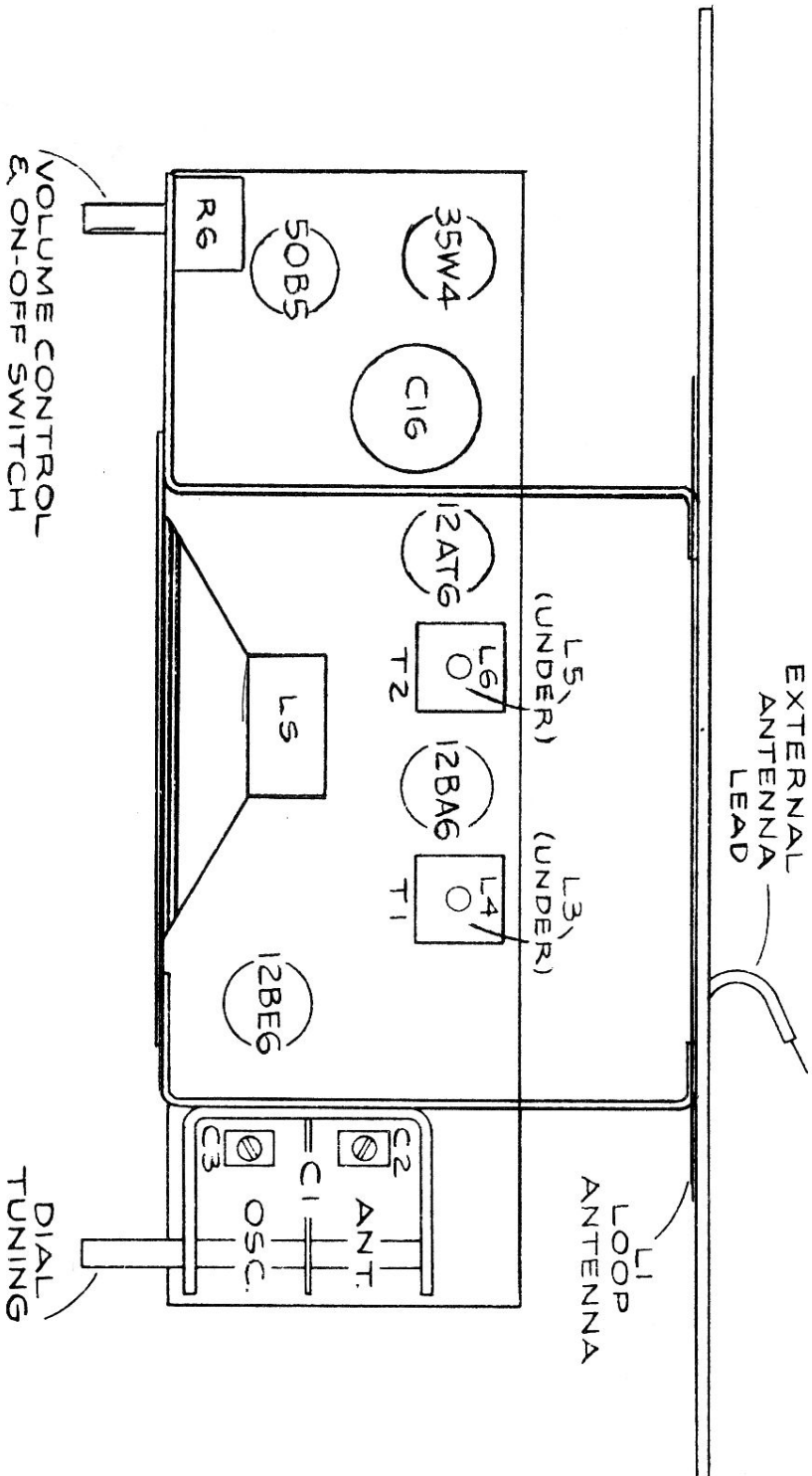
- C1** VARIABLE CAPACITOR 16BR23  
**C2** ANT. TRIMMER 16BR23  
**C3** OSC. TRIMMER ON 16BR23  
**C4** 100MMFD. CERAMIC CAP. 18AR4-18  
**C5** 47MMFD. CERAMIC 18AR4-13  
**C6** .1 MFD. 600V. 15AR28  
**C7** .05 MFD. 400V. 15AR17  
**C8** .01 MFD. 400V. 15AR15  
**C9** 220MMFD. CERAMIC 18AR4-23  
**C10** .01 MFD. 400V. 15AR15  
**C11** .01 MFD. 400V. 15AR15  
**C12** .02 MFD. 600V. 15AR26  
**C13** 470MMFD. CERAMIC 18AR4-30  
**C14** .01 MFD. 400V. 15AR15  
**C15** .05 MFD. 400V. 15AR17  
**C16** 40-40MFD. 150V. 20MFD. 25V. ELECTROLYTIC CAPACITOR 17AR13

- R1** 470,000  $\Omega$  .25W RESISTOR 10CR29  
**R2** 22,000  $\Omega$  .25W 10CR78  
**R3** 22 MEG  $\Omega$  .25W 10CR33  
**R4** 100,000  $\Omega$  .25W 10CR33  
**R5** 1.0 MEG  $\Omega$  .25W 10CR31  
**R6** 500,000  $\Omega$  .25W 10CR31  
**R7** 10.0 MEG  $\Omega$  .25W 27AR3  
**R8** 270,000  $\Omega$  .25W 10CR37  
**R9** 470,000  $\Omega$  .25W 10CR29  
**R10** 150  $\Omega$  .5W 14AR2-7  
**R11** 2,200  $\Omega$  1W 12CR15  
**R12** 1,800  $\Omega$  1W 12CR65

- L1** LOOP ANTENNA  
**L2** OSC. COIL 7CR137  
**L3** #1 I.F. PRI. COIL 25AR11-2  
**L4** #1 I.F. SEC. COIL  
**L5** #2 I.F. PRI. COIL  
**L6** #2 I.F. SEC. COIL  
**L7** 4' P.M. SPEAKER 39BR13-1

- T1** #1 I.F. TRANSFORMER 22AR12  
**T2** #2 I.F. TRANSFORMER 22AR13  
**T3** O.P. TRANSFORMER 21AR10-2

**SPARTON 50350**



**ELECTRICAL ALIGNMENT**

1. I.F. 455 Kcs. Connect Sig. Gen. at 455 Kcs. to radiating loop (6 to 8 turns of insulated wire 6 inches in diameter) placed near loop antenna at rear of chassis. Adjust I.F. transformers at top and bottom doing T2 - L6, L5 then T1 - L4, L3 for maximum output.
2. BC. 1500 Kcs. Connect Sig. Gen. at 1500 Kcs. to radiating loop placed near loop antenna. Dial at 1500 Kcs. adjust C3 (Osc.) and C2 for maximum signal.

**COIL CONNECTIONS**

