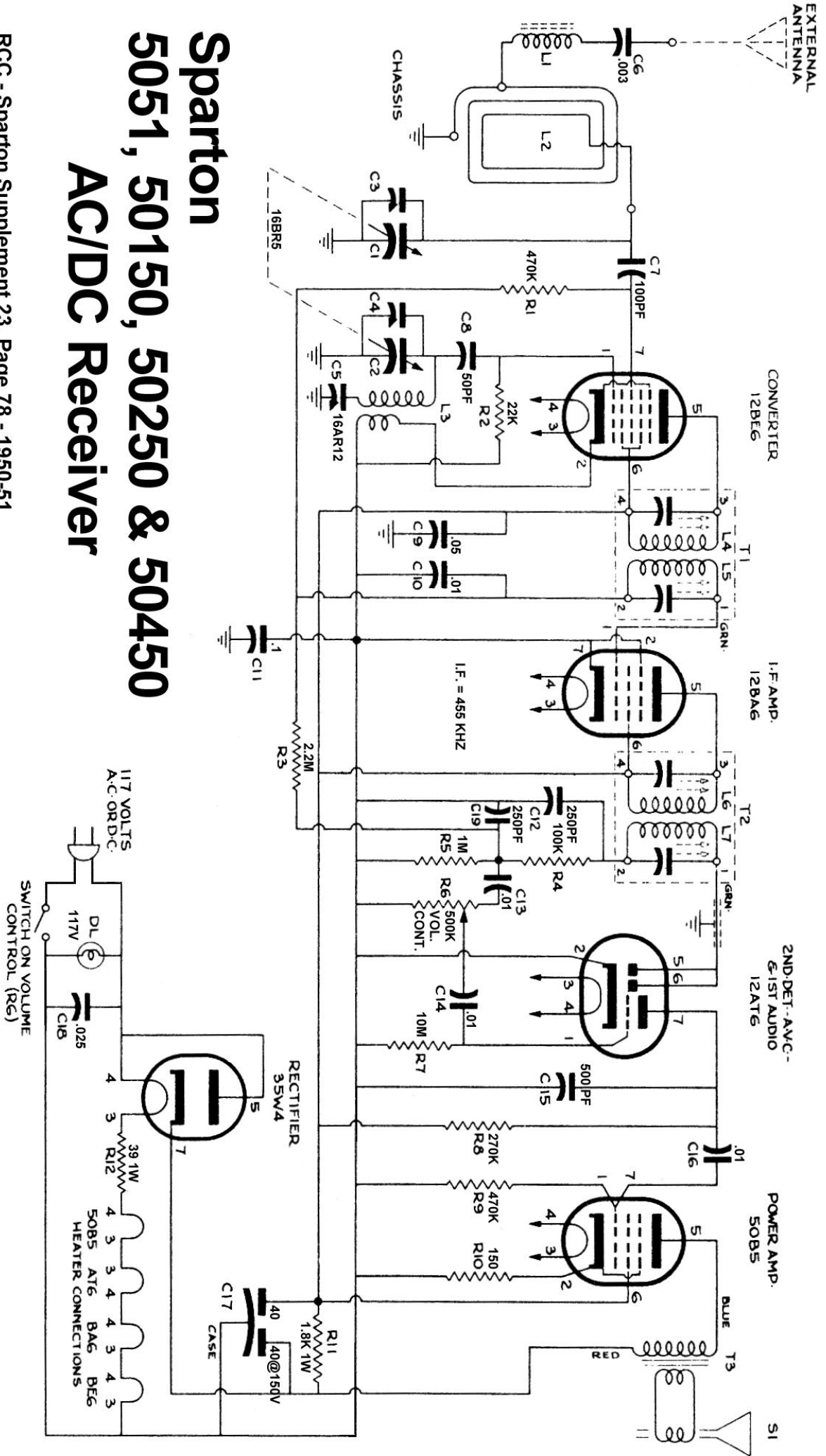
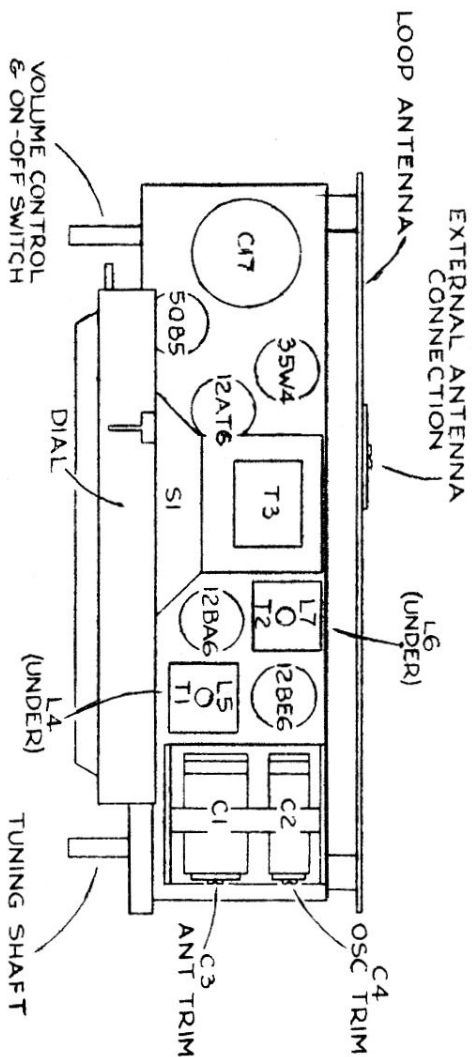


# Sparton 5051, 50150, 50250 & 50450 AC/DC Receiver

RCC - Sparton Supplement 23, Page 78 - 1950-51

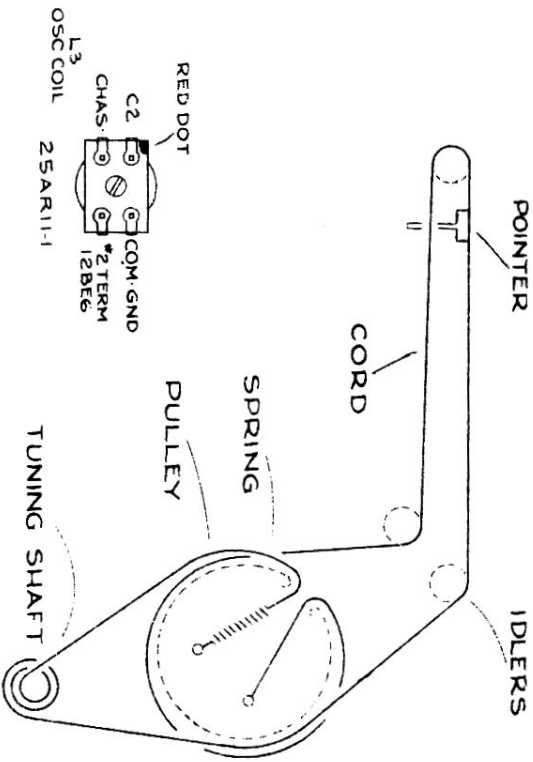


# Sparton 5051, 50150, 50250 & 50450



**MODEL 50450**  
 C1,C2 VARIABLE CAPACITOR 16BR20  
 C5 OMITTED  
 C7 100 MMFD. CERAMIC CAP. 18AR4-18  
 C8 47 MMFD. CERAMIC CAP. 18AR4-13  
 C12,C19 220 MMFD. CERAMIC CAP. 18AR4-23  
 C15 470 MMFD. CERAMIC CAP. 18AR4-30  
 R6 5000000 Ω VOL. CON. SW. 27AR1  
 R12 OMITTED  
 S1 4" P.M. SPEAKER 39BR13  
 L1 OMITTED  
 L2 LOOP ANTENNA 7CR139  
 L3 OSCILLATOR COIL 25AR11-1

**MODEL 5051**  
 C1,C2 VARIABLE CAPACITOR 16BR20  
 C5 OMITTED  
 C7 100 MMFD. CERAMIC CAP. 18AR4-18  
 C8 47 MMFD. CERAMIC CAP. 18AR4-13  
 C12,C19 220 MMFD. CERAMIC CAP. 18AR4-23  
 C15 470 MMFD. CERAMIC CAP. 18AR4-30  
 R12 OMITTED  
 S1 4" P.M. SPEAKER 39BR13  
 L1 OMITTED  
 L2 LOOP ANTENNA 7CR121-13  
 L3 OSCILLATOR COIL 25AR11-1



DIAL CORD ARRANGEMENT  
 (FRONT VIEW - VARIABLE CAP CLOSED)

MODELS 50150, 50250	
C1,C2 Variable Capacitor	16BR20
C5 Omitted	C15 470 mmfd. Ceramic Cap. 18AR4-30
C7 100 mmfd. Ceramic Cap. 18AR4-18	DL Omitted 50150 only
C8 47 mmfd. Ceramic Cap. 18AR4-13	T1 1st. I.F. Transf.
C12,C19 220 mmfd. Ceramic Cap. 18AR4-23	T2 2nd. I.F. Transf. 22AR26
C15 470 mmfd. Ceramic Cap. 18AR4-30	L1 Omitted
	L2 Loop Antenna 7CR121
	L3 Oscillator Coil 25AR11-1

NOTE - T1 Coded Red. Terminals 1 and 2, terminals 3 and 4 on T2 reversed.

## ELECTRICAL ALIGNMENT

- Adjust signal generator to 455 Kcs. and connect to Antenna terminal, dial at 1500 Kcs.
- Adjust I.F. trimmer slugs (iron cores) through holes in top and bottom of #2 I.F. (T2) L7 and L6, then #1 I.F. (T1) L5 and L4. A fibre trimmer stick with a screw driver tip (insulated) is preferred.
- Signal generator at 1500 Kc, dial at 1500, adjust trimmer C4 to set oscillator on frequency, and trimmer C3 for maximum signal.
- Note: Base plate on chassis.