





**NOTES:**  
 ALL RESISTOR VALUES ARE 1/2 WATT UNLESS MARKED OTHERWISE.  
 ALL RESISTOR VALUES ARE IN OHMS (K=1000, MEG=1,000,000).  
 ALL CAPACITOR VALUES ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.  
 ALL VOLTAGES MEASURED WITH NO SIGNAL INPUT.  
 ALL VOLTAGES ARE DC POSITIVE UNLESS MARKED OTHERWISE.  
 ALL VOLTAGES ARE MEASURED FROM POINT INDICATED TO CHASSIS GROUND,  
 EXCEPT AC VOLTAGES ON POWER TRANSFORMER WINDINGS.  
 VOLTAGE READINGS TAKEN WITH AN 11 MEGOHM INPUT VTVM.  
 VOLTAGES MAY VARY  $\pm 10\%$ .  
 ALL SWITCHES VIEWED FROM THE REAR, (UNLESS MARKED OTHERWISE) AT  
 FULL COUNTERCLOCKWISE ROTATION.  
 ARROW ( $\rightarrow$ ) INDICATES CLOCKWISE ROTATION OF KNOBS.  
 REFER TO THE X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS ON  
 THE CIRCUIT BOARD.

**SCHEMATIC OF THE  
 HEATHKIT  
 SSB AMATEUR RECEIVER  
 MODEL SB-300**