



SCHEMATIC OF THE HEATHKIT® TWO METER AM TRANSCEIVER MODEL HW-17

1. RESISTOR, CAPACITOR, AND DIODE NUMBERS ARE IN THE FOLLOWING GROUPS:
 0-99 PARTS MOUNTED IN THE TUNER
 100-196 PARTS MOUNTED ON THE TRANSMITTER CIRCUIT BOARD
 200-296 PARTS MOUNTED ON THE RECEIVER CIRCUIT BOARD
 300-399 PARTS MOUNTED ELSEWHERE
2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS OR K=1,000; M=1,000,000.
3. CAPACITOR VALUES LESS THAN 1 ARE IN μF; VALUES OF 1 AND ABOVE ARE μF UNLESS THEY ARE MARKED OTHERWISE.
4. ARROW → INDICATES CLOCKWISE ROTATION OF SWITCH SHAFT (VIEWED FROM KNOB END).
5. SWITCHES ARE SHOWN IN THE FOLLOWING POSITIONS:
 POWER SWITCH IN OFF
 FUNCTION SWITCH IN BATT. SAVER
 ANT. SWITCH IN "FM"
 MICROPHONE PTT SWITCH IN "RECEIVE"
6. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT, UNLESS MARKED OTHERWISE. TAKEN FROM THE POINT INDICATED TO CHASSIS GROUND WITH AN ILM MICRO INPUT (VOLTAGE MAY VARY ± 20%). □ THIS SYMBOL INDICATES AN AC VOLTAGE TAKEN FROM THE POINT INDICATED TO CHASSIS GROUND.
7. REFER TO CHASSIS PHOTOGRAPHS AND X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
8. POWER TRANSFORMER PRIMARY WIRING CONNECTIONS FOR 240 VAC ARE SHOWN IN THE BOX.
9. ▽ THIS SYMBOL INDICATES A COMMON CONNECTION INSIDE THE PREASSEMBLED TUNER
 ▽ THIS SYMBOL INDICATES A CONNECTION TO THE RECEIVER CIRCUIT BOARD GROUND FOIL
 ▽ THIS SYMBOL INDICATES A CONNECTION TO THE TRANSMITTER CIRCUIT BOARD GROUND FOIL
 ≡ THIS SYMBOL INDICATES A CONNECTION TO THE CHASSIS