



**SCHEMATIC OF THE  
HEATHKIT®  
SOLID-STATE  
COMBO AMPLIFIER  
MODEL TA-17**

- NOTES:**
1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:  
 1 - 99 PARTS IN THE GUITAR PREAMPLIFIER CIRCUITS  
 100 - 199 PARTS IN THE BASS PREAMPLIFIER CIRCUITS  
 200 - 299 PARTS IN THE MIC-PHONO PREAMPLIFIER CIRCUITS  
 300 - 399 PARTS IN THE POWER AMPLIFIER CIRCUITS  
 400 - 499 PARTS IN THE REVERBERATION AND TREMOLO CIRCUITS  
 500 - 599 PARTS IN THE POWER SUPPLY CIRCUITS  
 600 - 699 PARTS MOUNTED ON THE CHASSIS
  2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000, MEG=1,000,000).
  3. ALL CAPACITOR VALUES ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.
  4. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT, TAKEN WITH AN 11 MEGOHM VTVM, FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY  $\pm 20\%$ .
  5. \* AN ASTERISK INDICATES THAT THESE DC VOLTAGES HAVE AN AC VOLTAGE SUPERIMPOSED ON THEM FROM THE TREMOLO OSCILLATOR. THESE VOLTAGES ARE MEASURED WITH THE RATE CONTROL FULL CLOCKWISE AND THE DEPTH CONTROL FULL COUNTERCLOCKWISE.
  6. ◇ THIS SYMBOL INDICATES HOLE LOCATIONS ON THE CIRCUIT BOARD.
  7. ↻ THIS SYMBOL INDICATES CLOCKWISE ROTATION OF CONTROL.
  8. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.

