



SCHEMATIC OF THE
HEATHKIT®
SSB TRANSEIVER
MODEL SB-101

NOTE: LETTER-HAFTER DESIGNATIONS FOR RESISTOR CAPACITORS, ETC., HAVE BEEN
PLACED IN THE FOLLOWING GROUPS:

- Q-49 PARTS ON MODULATOR CIRCUIT BOARD.
- 190-190 BANDPASS
- 200-360 AMPLIFIER
- 200-360 ZIF-DOVER
- 300-390 CRYSTAL
- 300-390 DETECTOR
- 300-390 OSCILLATOR
- 300-390 TUNING
- 300-390 DRIVER PLATE
- 300-391 PARTS MOUNTED ON THE CIRCUIT

ALL RESISTOR VALUES ARE IN OHMS UNLESS NOTED OTHERWISE.
ALL RESISTOR VALUES DASH 7 ARE IN OHMS X 1,000. VED-1-300-301.

ALL CAPACITOR VALUES DASH 7 ARE IN MFD UNLESS NOTED OTHERWISE.

REFER TO THE EXPANDED AND CHASSIS VIEWS FOR PHYSICAL LOCATION OF PARTS.

SEE THE VOLTAGE CHARTS PULLED OUT FROM PAGE 118 AND THE RESISTANCE CHART PULLED OUT FROM PAGE 119 FOR ALL MEASUREMENTS.

ALL SWITCHES ARE IN THE POSITION INDICATED BY THE ARROW POINTERS.

ARROW INDICATES CLOCKWISE ROTATION OF DIAL VIEWED FROM ANODE END.

7. INDICATES HOOKUP WIRE NOT IN THE HARNESS.

8. INDICATES COLOR CODE OF CONICAL CABLE.

9. ALL RELAY CONTACTS SHOWN IN ACTIVE POSITION.

10. DIODE SYMBOLS ARE SHOWN AS FOLLOWS:
 FOR SEMICONDUCTOR DIODE,
 FOR SILICON DIODE.

11. FOR GREATER CLARITY, RELAY SECTION ARE SHOWN CLOSEST TO THE CIRCUIT.
IN WHICH THEY ARE LOCATED. THE FOLLOWING MARKS IS USED TO DENOTE
THE SEPARATED SECTION OF THE RELAY:

= PART OF RELAY BL.

= PART OF RELAY RL.

12. SWITCH NAMES ARE DEFINED AS IN THE FOLLOWING EXAMPLE.

