



NOTES:

1. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE MARKED. RESISTOR VALUES ARE IN K (K=1,000).
2. ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS MARKED OTHERWISE.
3. ▽ THIS SYMBOL INDICATES CIRCUIT GROUND.
4. ≡ THIS SYMBOL INDICATES CHASSIS GROUND.
5. ○ THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT TAKEN WITH A HIGH IMPEDANCE VOLTMETER, FROM THE POINT IN QUESTION TO THE CHASSIS GROUND. VOLTAGES ARE ±20%.
6. ALL VOLTAGES MEASURED WITH ROTOR REMOVED. SENSITIVITY CONTROL FULLY COUNTERCLOCKWISE, AND NOISE REJECT CONTROL FULLY COUNTERCLOCKWISE. INPUT SUPPLY VOLTAGE 12.0 VDC.
7. THE WAVEFORMS WERE TAKEN WITH THE TRANSDUCER SUBMERGED, ITS FACE 5 INCHES ABOVE A HARD SAND BOTTOM, AND THE CONTROLS SET AS FOLLOWS:
 NOISE REJECT- FULLY COUNTERCLOCKWISE
 SENSITIVITY CONTROL- TURNED FULLY COUNTERCLOCKWISE
 OFF SENS - TURNED FULLY COUNTERCLOCKWISE
 ON.
8. ⤴ THIS SYMBOL INDICATES COUNTERCLOCKWISE ROTATION OF A CONTROL WHEN VIEWED FROM THE KNOB END.
9. REFER TO THE X-RAY VIEW FOR THE PHYSICAL LOCATION OF PARTS ON THE CIRCUIT BOARD.

**SCHEMATIC OF THE
HEATHKIT®
FISH SPOTTER
MODEL MI-29**