

## ToneSeeker™ Probe User Instructions

Part Number: TP250

**Warning!** Do not touch the tone tracer to live AC circuits. This could cause an extreme shock hazard and damage the tone tracer.

### FEATURES

- Ergonomic slim shape with soft edges
- Volume control
- Recessed “on” switch
- Tip replacement without opening case
- Battery low indicator
- Round tip included
- Lanyard attachment point



- ① Loud speaker
- ② Push-to-trace button
- ③ Replaceable tip
- ④ Volume control
- ⑤ Lanyard attachment

### INSTRUCTIONS FOR USE

#### To trace a tone

- 1) Connect the tone generator to the cable to be traced.
- 2) Press the recessed black button to turn on the tone tracer. The power is on only as long as the button is being pressed. The battery low LED flashing on during turn on and turn off is normal.
- 3) Adjust volume to a comfortable level. If the signal is very loud when near the cable, the volume may need to be reduced to keep from overloading the tone tracer. When overloaded, small increases or decreases in the signal at the tip cannot be heard.
- 4) Hold tip of tone tracer near cables to be identified. The signal will be loudest on the wire or cable with the generator attached to it. Separating the wires or cables may help in identifying the correct one.

Note: When tracing wires terminated to a terminal block such as a “66 block”, attaching both generator leads to the cable or pair tends to contain the signal within the cable. The tracer must nearly touch the end of the cable to detect the signal, which is helpful when the wires are close together, as when terminated. When tracing along cable runs and to maximize radiated signal, connect one lead of the generator to the wire or cable, and the other end to ground (case of an electrical box, electrical conduit, metallic water pipe or ground rod). If no ground is available, do not connect the other lead to anything — let it dangle as near to the earth as possible.

#### To change the probe tip

- 1) Remove screw nearest to the tip on the back of the probe with a #1Phillips screwdriver.
- 2) Pull the tip out of the front.
- 3) Push the new tip into the tip holder in the front of the probe.
- 4) Replace screw and tighten (about 4 in-lbs), being careful not to over tighten.

#### Battery Replacement

If the battery low LED is on continuously whenever the “on” button is being pressed, replace the battery (9 volt alkaline battery).

- 1) Remove the screw at the rear of the probe with a #1 Phillips screwdriver and remove battery door.
- 2) Remove old battery and disconnect from battery leads.
- 3) Snap the battery leads onto a new battery (9V, alkaline). Place battery in case.
- 4) Close tester and replace screw. Do not over tighten.

#### Specifications

<b>Tone Sensitivity (±1%)</b>	Input Impedance: 10MΩ (to internal ground, inaccessible outside the case) Probe Tip Resistance (min): 10KΩ/square (bulk resistance) Frequency Range: 340Hz – 1.6KHz
<b>Electrical Battery Life</b>	Time is for the full capacity of the battery used continuously (one 9 V alkaline, not included): 540 mA-hr, 15 hrs, typical
<b>Environmental</b>	Operating Temperature: 0 to 50C (32 to 122F) Storage Temperature: -50 to 75C (-58F to 167F)
<b>Physical</b>	Dimensions: 24.13 cm (9.5 in) x 3.81 cm (1.5 in) x 2.54 cm (1.0 in) Weight (with battery) 121 gm (4.3 oz)

#### Warranty

Platinum Tools warrants this product to be free from defects in material and workmanship for 12 months for test equipment and 3 months for cables and accessories from the date of purchase. Liability is limited to the repair and or replacement of the product. Warranty excludes batteries and cabling included with the product. NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Platinum Tools is not liable for consequential damages.

Specifications are subject to change without notice.