



Amplifier Probe

Induktiver Empfänger • Sonde Amplificatrice • Sonda Amplificadora
Sonda Amplificadora • Sonda Amplificatrice • Sonda indukcyjna
Индуктивный щуп • 放大器探头 • 受信プローブ



Amplifier Probe User Guide

Registration

Registering your product with TREND NETWORKS gives you access to valuable information on product updates, troubleshooting tips, and other support services. To register, fill out the online registration form on the TREND NETWORKS website at www.trend-networks.com.

Users Guide Available Online

To download the amplifier probe User Guide in your language, go to www.trend-networks.com/support/downloads

Safety Information

The following symbols are used either on the test set or in the manual:

 Warning: Risk of personal injury.

 Caution: Risk of damage or destruction to equipment or software.

 Warning: Risk of electric shock.

 Conforms to relevant European Union directives.  Conforms with FCC part 15 Class A.

 Do not put circuit boards in the garbage.

 Dispose of circuit boards in accordance with local regulations.

Warning

To prevent possible fire, electric shock, or personal injury:

Read all safety information before you use the product.

Carefully read all instructions.

This product is certified for indoor use only.

- Do not use the product if wet.
- Do not use the product if damaged.
- Do not repair, replace parts or modify the product in anyway
- Do not connect with voltages > 30 V AC rms, or 60 V DC.
- Batteries contain hazardous chemicals that can cause burns. If exposure to chemicals occurs, clean with water and seek medical attention.
- The battery cover must be screwed into place before operating the product.
- Replace the batteries when the low battery indicator is lit to prevent incorrect measurements.
- Do not disassemble or crush battery cells and battery packs.
- Do not put batteries near heat or fire.
- Do not put Product under the direct sunlight.

Warning

Do not touch to live AC circuits.

This could cause a shock hazard and damage the Amplifier Probe.



Features

The Amplifier Probe is designed to identify and trace the signal generated by a Tone Generator along cables or wires without damaging the insulation.

Operation

Cable Tracing

The amplifier probe is designed to identify and trace signals generated by the Tone Generator. The Tone Generator is linked to the cable or wires to be traced and the signal can be followed along the cable and to the ends of individual wires with the amplifier probe. Press and hold the **ON** button to turn on the amplifier probe.

Hold the tip of amplifier probe near wires or cables to be identified. The signal will be loudest on the cable or wire that the generator is attached to. Adjust the volume as required. The signal strength LED will vary in brightness depending on the strength of the signal being detected. The brightness is not affected by the volume control. In noisy environments, a headset (not included) may be plugged into the headphone socket. Turn the volume control down first to avoid possible damage to hearing.

The LED torch on the underside of the case is useful when the amplifier probe is used in dark areas. This is turned on by pressing the LED torch button. This is adjacent to the main **ON** button so that both buttons may be pressed simultaneously if required. The battery status indicator will turn on when the battery voltage is low to indicate that the battery should be replaced. The battery cover is on the rear of the probe and is accessed by the retaining screw. Remove and replace the old battery and replace the cover. Do not leave discharged batteries in the amplifier probe.

Pair Identification

Locate the target pair and short the targeted wire. The tone will mute to indicate you have located the target pair correctly. If tone continues then pick a different pair and try again.

Specification

- Battery 9V alkaline
- Operation time: 50 hours typical
- Probe tip resistance: 1M ohms
- Voltage gain: 60 dB
- Operating temperature: -20 °C to +60 °C
- Storage temperature: -40 °C to +70 °C
- Humidity: 5 % to 95 % non-condensing
- Weight: 154g including battery
- Dimensions: 234(L)x40(W)x30(H)mm
- Safety: IEC 61010-1, Category none, 30 V AC rms max

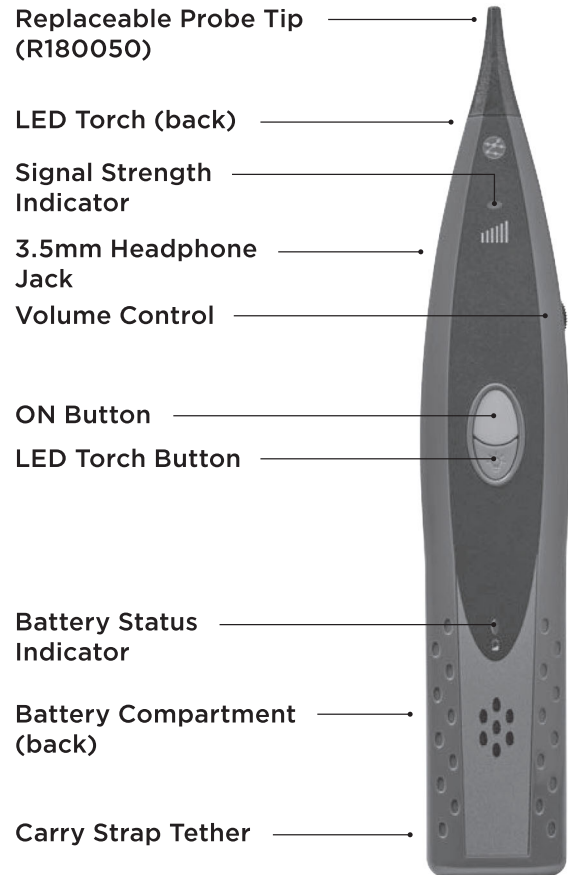


Fig 1

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