



Amplifier Probe

Instruction Sheet

Features

- The Amplifier Probe is designed to identify and trace wires or cables within a group without damaging the insulation.
- Works with any Tone Generator (62-160) to identify wires.
- Battery cap allows quick and easy 9 volt battery replacement.
- Volume control for increased sensitivity and adjustable to suit work environment.
- Recessed ON/OFF button prevents battery drain.
- Battery low indicator.
- 9 volt battery included.
- Tip can be replaced without opening case.
- Flat tip included.

⚠ Warning!

Do not touch to live AC circuits. This could cause an extreme shock hazard and damage the AMPLIFIER PROBE.

Instructions for Use

- 1) To trace a tone, connect the tone generator:
In working cables that are terminated:
Connect one lead of the IDEAL Tone Generator (62-160) to a terminated wire or cable and the other test lead to earth or equipment ground (i.e. electrical box or conduit). (See Fig. 1)
In non-working or unterminated cables:
Connect one test lead of an IDEAL Tone Generator (62-160) to an unterminated wire and the other test lead to another unterminated wire.
- 2) Press and hold the black ON/OFF button to turn on the amplifier probe.
- 3) Adjust volume control to suit the environment. Volume can be increased to overcome noise or decreased to reduce interference.
- 4) Hold tip of amplifier probe near wires or cables to be identified. The signal will be loudest on the wire or cable with the generator attached to it. (Reception of the tone may be improved by separating the wires or cables from the group)

To Change the TIP

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

Battery Replacement - Replace the battery when the battery low LED stays continuously on when the ON button is being pressed.

- 1) Remove black rubber battery cap by pulling or prying off with hand. (See Fig. 2)
- 2) Remove and replace battery.
- 3) Snap rubber battery cap back into place.

Replacement Parts

- LA-4144 Flat Probe Tip
- LA-4145 Standard Point Probe Tip

Specifications

Power Requirements:	One 9 volt battery
Battery Life (Alkaline, 540mA-hr):	50 hours typical
Probe tip resistance:	1,000 ohms min
Input Impedance:	5.7M ohm
Voltage Gain:	37dB
Mechanical:	Dimensions – 9.2 x 1.7 x 1.2 inches, 233.7 x 66 x 3.05 cm, Weight – 5.0 oz. with battery (141 grams)

