

AC Voltage Tester

VoltAlert 1AC-D

FOR USE BY COMPETENT PERSONS
Anyone using this instrument should be knowledgeable and trained about the risks involved with measuring voltage, especially in an industrial setting, and the importance of taking safety precautions and of testing the instrument before and after using it to ensure that it is in good working condition.



Features and benefits

- Always on, uses special low power circuitry to sustain battery life and for added dependability
- Voltage detection of 90 to 1000 V AC, a wide range to suit a broad spectrum of residential, commercial and industrial needs
- Integrated clip design, optimized for pocket storage in a wide range of clothing thicknesses
- Powered by 2 AAA batteries (not included)
- Rugged, reliable and built with quality and accuracy

Read First: Safety Information

Warning

To avoid possible electric shock or personal injury:

If the Tester is used in a manner not specified by the manufacturer, protection provided by the Tester may be affected.

Test on a known live source within the rated AC voltage range of the product, both before and after use to ensure unit is in good working condition.

When using the Tester, if tip does not glow and audible alert sound, voltage could still be present. The Tester indicates active voltage in the presence of electrostatic fields of sufficient strength generated from the source (MAINS) voltage. If the field strength is low, the Tester may not provide indication of live voltages. Lack of an indication occurs if the Tester is unable to sense the presence of voltage which may be influenced by several factors including, but not limited to:

- Shielded wire/cables
- Thickness and type of insulation
- Distance from the voltage source
- Fully-isolated users that prevent an effective ground
- Receptacles in recessed sockets/ differences in socket design
- Condition of the Tester and Batteries

Do not use if the Tester appears damaged or is not operating properly. Specifically examine the probe tip for cracks or breakage before use. If in doubt, have the Tester serviced.

Do not apply more than the rated voltage as marked on the Tester.

Use caution with voltages above 30 V AC as a shock hazard may exist.

Operating Instructions

The product is always on and ready to use.

Placing the tip of the Tester near an AC voltage (within the specified range of the Tester) produces a red glow at the tip as well as an audible alert. If the Tester fails to operate when placed near a known live circuit, replace batteries with two AAA (LR3) batteries. If the Tester still does not function, have it serviced.

Specifications

Operating Range: 90 V ac to 1000 V ac

Temperature: Operating: -10 to 50 °C Storage: -10 to 50 °C

Humidity: 0 % to 95 % (0 to 30 °C), 0 % to 75 % (30 to 40 °C), 0 % to 45 % (40 to 55 °C)

Safety Rating : CAT II 1000V