

Fluke Fluke 1AC II

Fluke 1AC II VoltAlert Non-Contact Voltage Tester

Model: Fluke 1AC II | Brand: Fluke

PRODUCT OVERVIEW

The Fluke 1AC II VoltAlert is a pocket-sized non-contact voltage tester designed for quick and easy detection of AC voltage. It provides a clear indication of voltage presence through a glowing red tip and an audible beeper, ensuring safety for electricians, maintenance personnel, and homeowners.

Key Features:

- **Easy Voltage Detection:** The tip glows red and a beeper sounds when voltage is detected.
- **Continuous Self-Test:** Ensures the unit is always working correctly.
- **Wide Voltage Range:** Detects AC voltage from 90 V to 1000 V AC (or 200 V to 1000 V AC for specific models).
- **Audible/Silent Mode:** Provides flexibility for use in various environments.

WHAT'S IN THE BOX

Your Fluke 1AC II VoltAlert package includes:

- One Fluke-1AC-A1-II ACV Detector (90-1000V)
- Two AAA Alkaline batteries (pre-installed)



Image: The Fluke 1AC II VoltAlert Non-Contact Voltage Tester, showing its compact design and branding.

SETUP

Battery Installation:

The Fluke 1AC II VoltAlert comes with two AAA alkaline batteries pre-installed. To replace batteries or ensure proper installation:

1. Twist the cap at the end of the tester counter-clockwise to remove it.
2. Insert two AAA batteries, ensuring correct polarity (+/-).
3. Replace the cap by twisting it clockwise until secure.

Initial Self-Test:

Before each use, perform a self-test to confirm the tester is functioning correctly:

1. Press the power button (green button) on the side of the tester. The tip should flash red and the unit should beep.
 2. If the tip does not flash or the unit does not beep, replace the batteries. If the issue persists, the unit may be faulty.
-

OPERATING INSTRUCTIONS

Basic Voltage Detection:

1. Ensure the tester is powered on and has passed its self-test.
2. Touch the tip of the VoltAlert tester to the terminal strip, outlet slot, or power cord you wish to test.
3. If AC voltage is present, the tip will glow red and the unit will emit an audible beeping sound.



Image: An electrician using the Fluke 1AC II VoltAlert to safely test for live circuits within an electrical panel.

Audible/Silent Mode:

The tester features an audible/silent mode for convenience:

- To toggle between audible and silent mode, press and hold the power button for approximately 2 seconds while the unit is on.
- In silent mode, the tip will still glow red when voltage is detected, but no audible beep will be emitted.

Voltage Range:

The Fluke 1AC II VoltAlert is designed to detect line voltage within a range of 90 V to 1000 V AC. Some specific models may have a range of 200 V to 1000 V AC.

MAINTENANCE

Battery Replacement:

When the self-test fails or the indicator light becomes dim, it's time to replace the batteries. Follow the steps outlined in the "Battery Installation" section under Setup.

Cleaning:

Wipe the exterior of the tester with a damp cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If your Fluke 1AC II VoltAlert is not functioning as expected, consider the following:

- **No Indication:** Ensure batteries are fresh and correctly installed. Perform the self-test.
- **Intermittent Indication:** This may occur if the voltage source is weak or if there is significant electrical noise. Try testing a known live circuit.
- **False Positives:** While rare, strong electromagnetic fields can sometimes trigger the tester. Verify readings with a different method if unsure.

SPECIFICATIONS

Attribute	Value
Model Number	Fluke 1AC II
Voltage Detection Range	90 V to 1000 V AC
Power Source	2 AAA Alkaline batteries (included)
Product Dimensions	10.24 x 7.5 x 1.46 inches
Item Weight	59 Grams
Color	Red
Country of Origin	India



Image: The Fluke 1AC II VoltAlert showing its compact size and approximate dimensions.

WARRANTY & SUPPORT

The Fluke 1AC II VoltAlert Non-Contact Voltage Tester comes with **atwo-year warranty** from the manufacturer, Fluke. This warranty covers defects in materials and workmanship under normal use. For detailed instructions, safety information, or further support, please refer to the official Instructions for Use (IFU) PDF manual:

[Download Official PDF Manual](#)



Image: Fluke's "Protect your purchase" message, emphasizing buying from authorized distributors for genuine products and valid warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question