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› ANENG VD807 Non Contact Voltage Tester,Electrical Tester Pen, Range AC Voltage,Light Bulb Tester Tools with LCD Display,Flashlight,Pocket-Sized Pen Detector,Buzzer Alarm,Wire Breakpoint Finder,Black

ANENG VD807

ANENG VD807 Non-Contact Voltage Tester User Manual

Model: VD807 | Brand: ANENG

INTRODUCTION

The ANENG VD807 is a versatile non-contact voltage tester designed for electrical equipment testing, maintenance, and troubleshooting. It features an LCD display, flashlight, buzzer alarm, and wire breakpoint finder, making it a convenient tool for both professionals and homeowners. This manual provides essential information for the safe and effective use of your VD807 tester.

SETUP

Battery Installation

The ANENG VD807 requires two 1.5V AAA batteries for operation. These are typically included with the product. To install the batteries:

1. Locate the battery compartment cover on the back of the device.
2. Open the cover by sliding or unscrewing it as indicated.
3. Insert two 1.5V AAA batteries, ensuring correct polarity (+ and - terminals).
4. Close the battery compartment cover securely.



Figure 1: ANENG VD807 Non-Contact Voltage Tester with two AAA batteries, illustrating battery installation.

Power On/Off

Press the power button located on the front of the tester to turn it on. The LCD display will illuminate. Press the button again to turn the device off.

OPERATING INSTRUCTIONS

Non-Contact Voltage (NCV) Detection

The NCV inductive probe allows for safe detection of AC voltage without direct contact. This feature is ideal for identifying live wires in outlets, terminal strips, or supply cords.

1. Turn on the VD807 tester.
2. Position the tip of the tester near the suspected AC voltage source.
3. If voltage is detected, the red tip will glow, and the device will emit beeping sounds. The frequency of the beeps and the intensity of the light indicate the strength of the detected voltage.



Figure 2: NCV induction in use, showing the tester detecting voltage near an outlet.

Live/Null Wire Judgment

The VD807 features a two-color display to help distinguish between live and null (neutral) wires. This function is crucial for safe electrical work.

- **Green Screen:** Indicates a null (neutral) wire.
- **Red Screen:** Indicates a live (fire) wire. The screen will turn red and a safety symbol will shine when high voltage is

detected.



Figure 3: Two-color display screen indicating live (red) and null (green) wire detection.

Detecting AC Voltage with Touch Pole

For more precise AC voltage detection, the tester can be used with the touch pole feature. Place your finger on the metal contact area on the side of the tester while probing.

Detect AC voltage



Figure 4: Detecting AC voltage using the touch pole for enhanced sensitivity.

Wire Breakpoint Finder

The VD807 can assist in identifying breakpoints in wires. Move the tester along the wire; the detection will cease at the point of the break.

Line breakpoint



Figure 5: Using the VD807 to locate a line breakpoint in an electrical cable.

LED Flashlight

The integrated LED flashlight provides illumination in dark working conditions.

- Press the flashlight button (if separate) or the power button (depending on model) to activate the flashlight.
- Press again to turn it off.

LED flashlight



Figure 6: The VD807's built-in LED flashlight providing illumination.

MAINTENANCE

To ensure the longevity and accuracy of your ANENG VD807 tester, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the tester in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries promptly when the low battery indicator appears to ensure accurate readings and proper functionality. Remove batteries if the device will not be used for an extended period to prevent leakage.
- **Pen Cap:** The pen cap is removable for access to the probe tip. Ensure it is securely reattached after use.

EVERY DETAIL

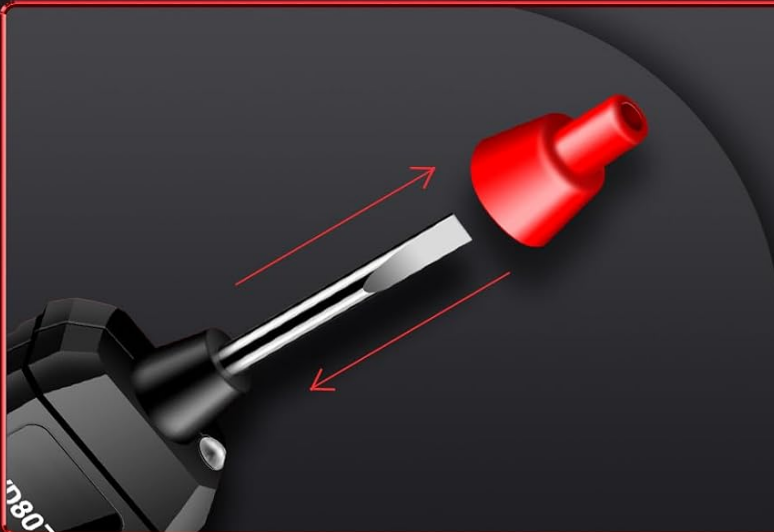
DO EVERY DETAIL WELL SO THAT YOU CAN USE IT COMFORTABLY

NO
▼
1

Maintenance work



NO
▼
2



Removable pen cap

Figure 7: Maintenance considerations, including general use and the removable pen cap.

TROUBLESHOOTING

If you encounter issues with your ANENG VD807 tester, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with fresh 1.5V AAA batteries.
Inconsistent or no voltage detection.	Low battery, interference, or incorrect usage.	Replace batteries. Ensure no strong electromagnetic interference. For AC voltage detection, ensure the tip is close to the conductor. For precise readings, use the touch pole.

Problem	Possible Cause	Solution
Buzzer alarm is weak or absent.	Low battery.	Replace batteries.
LCD display is dim or blank.	Low battery or device malfunction.	Replace batteries. If the problem persists, contact customer support.

SPECIFICATIONS

The following are the technical specifications for the ANENG VD807 Non-Contact Voltage Tester:

- **Model:** VD807
- **Brand:** ANENG
- **AC Voltage Range:** 12V-1000V AC
- **Safety Standards:** IEC rated CAT II 1000V, CAT IV 600V, CE certified
- **Features:** LCD Display, Flashlight, Buzzer Alarm, Wire Breakpoint Finder, Live/Null Wire Judgment
- **Power Source:** 2 x 1.5V AAA Batteries
- **Dimensions:** Approximately 7.76 x 3.15 x 0.94 inches
- **Weight:** Approximately 2.08 ounces
- **Country of Origin:** China
- **First Available:** January 25, 2024

WARRANTY AND SUPPORT

ANENG provides service and technical support for its electrical testers. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided with your product packaging or visit the official ANENG website. Please retain your proof of purchase for warranty purposes.