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ANENG VC1019 Voice Broadcast

ANENG VC1019 Voice Broadcast Non-Contact Voltage Tester User Manual

Model: VC1019 Voice Broadcast

1. Introduction

The ANENG VC1019 is an advanced non-contact voltage tester designed for electrical equipment testing and maintenance. It features a voice broadcast function, LCD display, flashlight, and is pocket-sized for convenience. This tool is ideal for electricians and homeowners for circuit testing and wire breakpoint identification.



Figure 1: ANENG VC1019 Voice Broadcast Non-Contact Voltage Tester.

2. Safety Information

This electrical tool is compliant with IEC rated CAT II 1000V and CAT IV 600V, ensuring reliable performance and adherence to safety regulations. It is also CE certified and features double insulation for enhanced safety. The High Voltage Alert feature warns against voltages exceeding 90V, with the screen turning red and a safety symbol shining to indicate potential hazards.



Figure 2: Safety features include clear indication for live and null wires.

3. Package Contents

Upon opening the package, please verify that all items are present and in good condition:

- 1 x ANENG Pen Voltage Tester (VC1019 Voice Broadcast)
- 2 x 1.5V AAA Batteries (included)
- 1 x User Manual



Figure 3: The voltage tester and included batteries.

4. Setup

To begin using your ANENG VC1019 voltage tester, follow these steps for battery installation and initial power-on:

1. Locate the battery compartment on the back of the device.
2. Open the battery cover.
3. Insert two 1.5V AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.
5. Press the power button to turn on the device. A voice prompt will confirm power-on.

Video 1: This video demonstrates the battery installation and initial power-on sequence of the ANENG VC1019 tester.

5. Operating Instructions

The ANENG VC1019 offers several functions for electrical testing:

5.1 Infrared Laser Positioning

Long press the designated button to activate the infrared laser. This feature assists in precise targeting, making it easier to check electricity in hard-to-reach areas or dark corners.



Figure 4: Using the infrared laser for precise positioning.

5.2 Sensitivity Adjustment

The tester features adjustable sensitivity with five gears. This allows for more accurate detection in various environments, from general voltage presence to pinpointing specific wires.

5.3 Non-Contact Voltage (NCV) Detection (Firewire/Zero Line)

Simply insert the detection pin into an AC power socket or position it near an AC cable. The device will accurately detect AC signals, activating LED lights and emitting beeping sounds with varying frequencies. Red lights indicate high voltage/live wires, while green/red lights indicate low voltage/null wires. The built-in live wire detector automatically identifies live or neutral wires.

5.4 Wire Breakpoint Detection

Move the NCV tip along a wire. The voltage alarm signal will weaken or cease at the location of a breakpoint, indicating a discontinuity in the circuit.

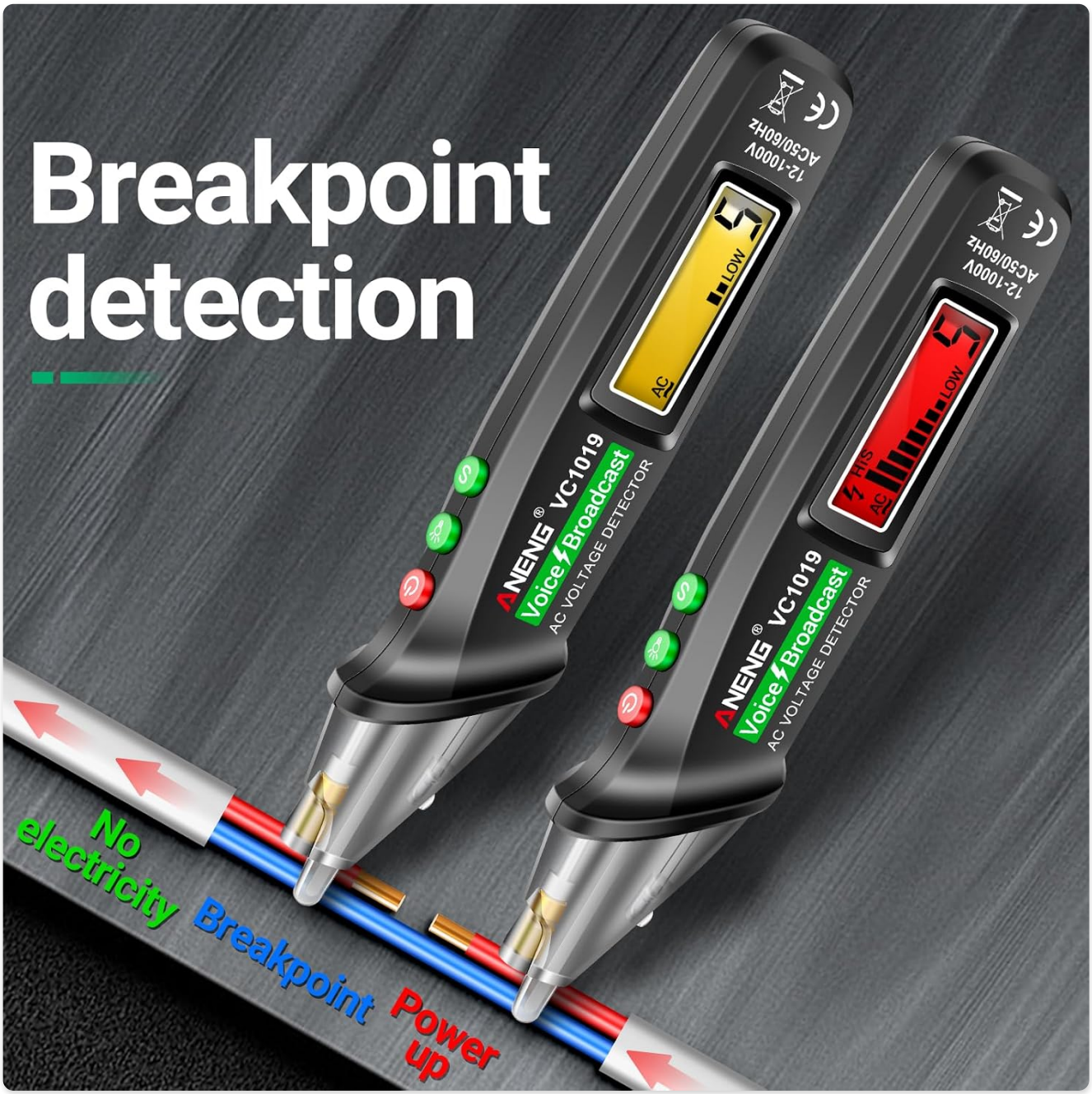


Figure 5: Identifying a wire breakpoint using the tester.

5.5 Flashlight Function

The tester includes a bright LED flashlight, useful for working in dimly lit areas or dark corners, improving visibility during electrical inspections.



Figure 6: The integrated flashlight illuminates the work area.

Video 2: This video demonstrates various operating functions including sensitivity adjustment, breakpoint detection, and firewire/zero line identification.

6. Maintenance

To ensure the longevity and accurate performance of your ANENG VC1019 voltage tester, please observe the following maintenance guidelines:

- **Cleaning:** Wipe the device with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the Low-Power Indicator is displayed to ensure accurate readings and proper voice broadcast function.
- **Storage:** Store the tester in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.

7. Troubleshooting

If you encounter issues with your ANENG VC1019, consider the following common troubleshooting steps:

- **No Power/No Display:** Ensure batteries are correctly installed and fully charged. Replace batteries if necessary.
- **Inaccurate Readings:** Check battery level. Ensure the NCV tip is in close proximity to the voltage source. Adjust sensitivity settings if needed.
- **Voice Broadcast Unclear/Low Volume:** While some users have noted the voice can be indistinct, ensure the environment is quiet. The primary indicators (LEDs and beeps) should still function clearly.
- **No Detection:** Verify the device is powered on. Ensure the NCV tip is making proper contact or is sufficiently close to the conductor.

If problems persist after attempting these steps, please contact customer support.

8. Specifications

Feature	Detail
Brand	ANENG
Model	VC1019 Voice Broadcast
Voltage Range	AC 12V-1000V
Power Source	2 x 1.5V AAA Batteries (included)
Safety Rating	IEC CAT II 1000V, CAT IV 600V, CE Certified
Features	Voice Broadcast, LCD Display, Flashlight, Buzzer Alarm, Wire Breakpoint Finder, Adjustable Sensitivity
Dimensions	7.87 x 1.54 x 1.26 inches
Weight	2.89 ounces
Country of Origin	China

9. Warranty and Support

ANENG provides service and technical support for this electrical tester. For any inquiries, issues, or support needs, please refer to the contact information provided in your product packaging or visit the official ANENG website. Purchase with confidence, knowing that support is available for your product.

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