

ANENG BT189

ANENG BT189 Universal Battery Tester User Manual

Model: BT189

1. PRODUCT OVERVIEW

The ANENG BT189 is a compact and versatile battery tester designed to quickly assess the charge level of various common battery types. It features a clear LCD digital display for easy reading of voltage levels, indicating whether a battery is depleted, weak, or in good condition. This device operates without its own power source, drawing minimal power directly from the battery being tested, which contributes to its long service life.

Key Features:

- **Wide Compatibility:** Tests AA, AAA, C, D, N, 9V, 1.5V/3.7V lithium batteries, and button cells (CR2032, LR44, L736).
- **Digital LCD Display:** Provides clear and accurate voltage readings.
- **Battery-Free Operation:** Powered by the battery under test, eliminating the need for internal batteries.
- **Compact and Portable:** Lightweight design for convenient use and storage.



Figure 1: Front view of the ANENG BT189 Battery Tester, showing its LCD screen and various battery testing slots.

2. DEVICE LAYOUT AND SETUP

The ANENG BT189 battery tester is designed for intuitive use. Familiarize yourself with its components before operation.



Figure 2: Labeled diagram of the ANENG BT189, indicating the LCD display, positive and negative electrodes, and specific slots for D-type, C-type/AA, AAA, N-type, 1.5V/3V button, and 9V batteries.

Components:

- **LCD Display Screen:** Shows the battery voltage.
- **Positive Electrode (+):** Contact point for the positive terminal of the battery.
- **Negative Electrode (-):** Contact point for the negative terminal of the battery.
- **Battery Slots:** Dedicated areas for different battery sizes (D, C/AA, AAA, N, 1.5V/3V Button, 9V).

No external power source or battery installation is required for the tester itself.

3. OPERATING INSTRUCTIONS

To test a battery, follow these simple steps:

1. **Identify Battery Type:** Determine the type and size of the battery you wish to test (e.g., AA, 9V, button cell).
2. **Locate Corresponding Slot:** Find the appropriate testing slot on the ANENG BT189 tester for your battery type.
3. **Insert Battery:** Carefully insert the battery into the designated slot, ensuring the positive (+) and negative (-) terminals of the battery align with the corresponding contacts on the tester. For cylindrical batteries, place the positive end against the fixed contact and the negative end against the movable arm, then gently push the arm to secure the battery. For 9V batteries, align the terminals with the dedicated 9V contacts. For button cells, place the cell in the designated area.
4. **Read Display:** The LCD screen will immediately display the battery's voltage.
5. **Interpret Results:** The displayed voltage indicates the battery's condition. Generally, a higher voltage indicates a healthier battery. The tester helps determine if a battery is good, weak, or needs replacement.



Figure 3: Demonstrating the testing of an AA battery. The LCD shows a voltage reading of 1.5V.



Figure 4: Demonstrating the testing of a 9V battery. The LCD shows a voltage reading of 7.54V.



Figure 5: Demonstrating the testing of a button cell battery. The LCD shows a voltage reading of 3.2V.



Figure 6: A visual guide to testing various battery types, illustrating the versatility of the ANENG BT189.

Note: This tester is not designed for rechargeable batteries. Do not attempt to test rechargeable batteries with this device.

4. MAINTENANCE

To ensure the longevity and accuracy of your ANENG BT189 battery tester, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure no liquids enter the device.
- **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, as this may damage the internal components or the LCD screen.

5. TROUBLESHOOTING

If you encounter issues with your ANENG BT189 battery tester, consider the following:

- **No Display Reading:** If the LCD does not show a reading after inserting a battery, ensure the battery is correctly seated with proper contact to both positive and negative terminals. If the battery is extremely low or completely dead, the tester may not be able to draw enough power to activate its display. In such cases, the battery is likely depleted.
- **Inaccurate Readings:** Ensure the battery terminals are clean and free of corrosion. Poor contact can lead to inaccurate readings. If readings consistently appear inaccurate compared to a known good battery or another measurement device, the tester may be faulty.
- **Battery Type Mismatch:** Confirm you are using the correct slot for the battery type being tested. Using an incorrect slot may prevent a reading or provide an incorrect one.

6. SPECIFICATIONS

Brand	ANENG
Model Number	BT189
Compatible Battery Types	AA, AAA, C, D, N, 9V, 1.5V/3.7V Lithium (e.g., 14500, 10440, 16340), Button Cells (CR2032, LR44, L736)
Power Source	Battery Powered (from battery under test)
Minimum Operating Voltage	1.5 Volts
Color	Black
Package Dimensions	5.71 x 3.5 x 0.67 inches
Item Weight	1.45 ounces



Figure 7: Physical dimensions of the ANENG BT189 Battery Tester.




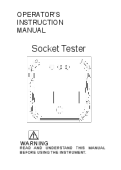


7. WARRANTY AND SUPPORT

For warranty information or technical support regarding your ANENG BT189 Universal Battery Tester, please contact the manufacturer directly. Refer to the product packaging or the official ANENG website for the most current contact details.

Manufacturer: ANENG

For additional information, you may visit the [ANENG Store](#).

Related Documents - BT189

	<p>ANENG BT189 Battery Tester: Specifications and Usage Guide</p> <p>Comprehensive guide to the ANENG BT189 battery tester, detailing its capabilities for measuring various battery types from 1.2V to 4.8V, including AA, AAA, 9V, and button cells. Learn how to use the tester and interpret results.</p>
	<p>ANENG BT169 Battery Tester: Comprehensive Guide and Specifications</p> <p>Learn how to use the ANENG BT169 battery tester to measure various battery types from 1.2V to 4.8V. This guide covers specifications, usage instructions, and accuracy for common batteries like AA, AAA, 9V, and lithium cells.</p>
	<p>ANENG BT-168 Battery Tester User Manual</p> <p>Comprehensive user manual for the ANENG BT-168 battery tester, detailing its features, how to use it, and how to interpret battery level readings for various battery types.</p>
	<p>ANENG Socket Tester Operator's Instruction Manual</p> <p>This manual provides instructions for the ANENG Socket Tester, detailing its functions for polarity detection, leakage switch testing, and voltage measurement. It includes technical specifications, safety warnings, operating procedures, and cleaning guidelines.</p>
	<p>ANENG VD802 Non-Contact Voltage Detector: User Manual & Specifications</p> <p>Comprehensive user manual for the ANENG VD802 non-contact voltage detector. Features include AC voltage testing (12-1000V), adjustable sensitivity, LED torch, and safety guidelines. Get detailed operation instructions and technical specifications.</p>
	<p>ANENG A3006A Digital Pen Multimeter User Manual - Features, Specifications, and Operation</p> <p>Comprehensive user manual for the ANENG A3006A Digital Pen Multimeter. Learn about its features, safety precautions, operation instructions for DCV, ACV, resistance, continuity, diode testing, NCV, and live wire identification, along with detailed technical specifications.</p>

Documents - ANENG – BT189



[\[pdf\]](#) User Manual

User manual ANENG BT189ANENG BT189 Button Cell Battery Tester Universal Household LCD Display 9V N D C AA AAA Power Bank Detectors Tools BT189Sf
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lang:es score:30 filesize: 457.51 K page_count: 2 document date: 2024-12-09



[pdf] User Manual

User manual ANENG BT189 Pure English versionANENG Digital Household Battery Testers Portable Display Test 9V AA AAA C D Button Cell Universal Power In
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lang:es score:30 filesize: 457.51 K page_count: 2 document date: 2024-11-29



ANENG BT189 Battery Tester: Specifications and Usage Guide

Comprehensive guide to the ANENG BT189 battery tester, detailing its capabilities for measuring various battery types from 1.2V to 4.8V.
lang:es score:26 filesize: 503.42 K page_count: 2 document date: 2024-11-26

[pdf] User Manual

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