

Eujgoov ANENG Q1

Eujgoov ANENG Q1 True-RMS Digital Multimeter User Manual

Model: ANENG Q1

1. SAFETY INFORMATION

Please read and understand all safety information before operating this multimeter. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- Do NOT exceed the maximum value specified in the technical specifications.
- When in current, resistance, diode, continuity, or temperature mode, do NOT apply power to the device under test.
- Do NOT use the product if the batteries or battery cover are not correctly installed.
- Turn off the product and remove the test leads from the measurement points before changing batteries or fuses.
- The input voltage must NOT exceed 36V DC or 25V AC when in current measurement mode.

2. PRODUCT OVERVIEW

The Eujgoov ANENG Q1 is a True-RMS digital multimeter designed for accurate measurement of various electrical parameters. It features a 9999-count digital display with an analog bar graph for clear readings.



Image 2.1: Front view of the ANENG Q1 Digital Multimeter with test leads.

The device is equipped with an auto-ranging function, simplifying measurements by automatically selecting the appropriate range. It also includes features such as data hold, maximum value hold, and a backlight for improved visibility in various lighting conditions.



Image 2.2: Side view of the ANENG Q1 Digital Multimeter with its integrated kickstand for hands-free operation.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- ANENG Q1 Digital Multimeter
- Test Leads (Red and Black)
- Temperature Probe
- Alligator Clips
- Multi-function Test Leads/Probes Set
- Storage Bag
- User Manual (this document)



Image 3.1: Complete package contents of the ANENG Q1 Multimeter.

4. SETUP

4.1 Battery Installation

The ANENG Q1 Multimeter requires batteries for operation. Ensure the device is turned off and test leads are disconnected before proceeding.

1. Locate the battery compartment cover on the back of the multimeter.
2. Use a screwdriver to open the battery compartment.
3. Insert the required batteries, observing the correct polarity (+/-).
4. Replace the battery compartment cover and secure it with the screw.

4.2 Connecting Test Leads

To perform measurements, connect the test leads to the appropriate input jacks on the multimeter.

- Insert the black test lead into the 'COM' (Common) jack.
- For voltage, resistance, continuity, diode, and temperature measurements, insert the red test lead into the 'VΩHz' jack.
- For current measurements (mA or μ A), insert the red test lead into the 'mA' or ' μ A' jack, respectively.
- For high current measurements (A), insert the red test lead into the 'A' jack.



Image 4.1: Front panel detailing input jacks and function buttons.

5. OPERATING INSTRUCTIONS

The ANENG Q1 Multimeter offers various measurement functions. Always ensure the correct function is selected and test leads are connected properly before making any measurements.

5.1 Power On/Off

Press the red power button (①) to turn the multimeter ON or OFF. The device features an auto power-off function to conserve battery life.

5.2 Function Selection

Use the function buttons to select the desired measurement mode:

- **DC/AC Voltage:** Press the 'V' button to cycle between DC and AC voltage measurement.
- **Resistance (Ω), Continuity, Diode:** Press the ' Ω ' button to cycle through these modes.
- **Capacitance (F), Temperature ($^{\circ}\text{C}/^{\circ}\text{F}$):** Press the 'F/ $^{\circ}\text{C}/^{\circ}\text{F}$ ' button to select.
- **Frequency (Hz), Duty Cycle (%):** Press the 'Hz/%' button to select.
- **Non-Contact Voltage (NCV):** Press the 'NCV' button to activate.
- **Current (A, mA, μA):** Select the appropriate current jack and the multimeter will automatically detect the current type (AC/DC).

5.3 Auto Ranging

The multimeter automatically selects the optimal measurement range for most functions. This simplifies operation and helps prevent incorrect readings.

5.4 Data Hold (HOLD)

Press the 'HOLD' button to freeze the current reading on the display. Press again to release.

5.5 Maximum Hold (MAX)

Press and hold the 'HOLD' button for more than 2 seconds to activate MAX hold, which displays the maximum measured value. Press and hold again to exit.

5.6 Backlight

The display backlight can be activated for better visibility in low-light conditions. Refer to the specific button for backlight control (often integrated with HOLD or a dedicated light button).



Image 5.1: The multimeter in use, demonstrating its application in electronics.

6. MAINTENANCE

6.1 Cleaning

To clean the multimeter, wipe the case with a damp cloth and a mild detergent. Do not use abrasives or solvents. Ensure the device is off and dry before use.

6.2 Battery Replacement

When the battery indicator appears on the display, replace the batteries as described in Section 4.1. Always use new batteries of the specified type.

6.3 Fuse Replacement

If the current measurement function fails, the fuse may need replacement. Refer to the safety warnings before attempting to replace the fuse. Use only fuses of the specified type and rating.

7. TROUBLESHOOTING

- **No Display:** Check battery installation and charge. Replace batteries if necessary.
- **Incorrect Readings:** Ensure test leads are correctly connected to the appropriate jacks and the function dial is set to the correct measurement mode. Verify the test leads are not damaged.
- **Current Measurement Not Working:** Check the fuse. Replace if blown (refer to Section 6.3). Ensure the red lead is in the correct current input jack.
- **'OL' or 'OVERLOAD' on Display:** The measured value exceeds the selected range. For auto-ranging multimeters, this indicates the value is beyond the maximum measurable limit for that function.

8. SPECIFICATIONS

Feature	Description
Model	ANENG Q1
Display	9999 Counts Digital Display with Analog Bar Graph
Measurement Capabilities	AC/DC Voltage, AC/DC Current, Resistance, Temperature, Continuity, Diode Test, Capacitance, Frequency, Duty Cycle
True-RMS	Yes
Auto Ranging	Yes
Data Hold	Yes
Max Hold	Yes
Backlight	Yes
Dimensions (L x W x H)	21 x 13 x 7 cm
Weight	417 grams
Manufacturer	Eujgoov

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the retailer. Keep your proof of purchase for any warranty claims.

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

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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