

Eujgoov BSIDE S11

Eujgoov BSIDE S11 Smart Digital Multimeter Instruction Manual

Model: BSIDE S11

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1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Eujgoov BSIDE S11 Smart Digital Multimeter. This intelligent multimeter features automatic identification of measured parameters and range selection, a high-resolution color LCD, and a compact, portable design with a built-in rechargeable lithium battery. It is designed for various electrical measurements including voltage, resistance, capacitance, frequency, continuity, diode testing, and non-contact live wire detection.

2. SAFETY INFORMATION

Read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the multimeter is in the correct function mode and range before making measurements.
- Do not attempt to measure voltages or currents exceeding the specified maximum limits of the device.
- Exercise extreme caution when working with live circuits. Always assume circuits are live until proven otherwise.
- Inspect test leads for damage before each use. Do not use if insulation is cracked or damaged.
- Do not operate the multimeter if it appears damaged or is not functioning properly.
- Keep hands and fingers behind the probe barriers during measurements.
- Avoid using the multimeter in wet environments or during electrical storms.
- Refer to the [Specifications](#) section for detailed measurement categories and voltage ratings. This device is rated CAT II 600V and CAT III 300V.

3. PRODUCT OVERVIEW

The BSIDE S11 Smart Digital Multimeter is designed for ease of use and accurate readings. Below is an illustration of its

key components.

Power Button (press and hold to cancel auto power off function)

Function Switch

Capacitance Mode

Flashlight



Figure 3.1: Front view of the BSIDE S11 Multimeter with labeled components. This image highlights the Power Button, Function Switch, Capacitance Mode indicator, and Flashlight.

- **Power Button:** Press and hold to turn on/off. Press and hold to cancel the auto power-off function.
- **Function Switch:** Used to cycle through different measurement modes.
- **Capacitance Mode:** Dedicated mode for capacitance measurements.
- **Flashlight:** Provides illumination in dimly lit areas.
- **Input Jacks (COM, INPUT):** Connect test leads for measurements. Refer to Figure 3.2 for location.



Figure 3.2: Bottom view of the BSIDE S11 Multimeter, showing the COM and INPUT jacks for test lead connection.





Figure 3.3: Back view of the BSIDE S11 Multimeter, showing the flashlight location.

4. SETUP

4.1 Initial Charging

The BSIDE S11 Multimeter features a built-in rechargeable lithium battery. Before first use, it is recommended to fully charge the device. Connect the multimeter to a standard USB power source using the provided charging cable. The display will indicate charging status.

4.2 Connecting Test Leads

1. Insert the black test lead into the **COM** (Common) input jack.
2. Insert the red test lead into the **INPUT** jack for most measurements (voltage, resistance, capacitance, frequency, continuity, diode).
3. Ensure test leads are securely connected before proceeding with any measurements.

5. OPERATING INSTRUCTIONS

The BSIDE S11 Multimeter utilizes smart technology for automatic parameter identification and range selection, simplifying operation.

5.1 Power On/Off

- To turn on: Press and hold the **Power Button** (refer to Figure 3.1) until the display illuminates.
- To turn off: Press and hold the **Power Button** until the display turns off.
- **Auto Power-Off:** The device has an auto power-off feature to conserve battery. To disable this, press and hold the Power Button during power-on until a specific indicator (if any) appears, or refer to the device's on-screen prompts.

5.2 Automatic Measurement Mode (AUTO)

Upon powering on, the multimeter typically defaults to AUTO mode. In this mode, the device automatically detects the type of measurement (voltage, resistance, continuity) and selects the appropriate range.

Super clear display when outdoor display Color LCD screen greatly enhances the reading experience



Figure 5.1: The BSIDE S11 Multimeter displaying "AUTO" mode on its clear LCD screen, shown in an outdoor setting.

5.3 Manual Function Selection

While the AUTO mode is convenient, you can manually select specific functions using the **Function Switch** button (refer to Figure 3.1) to cycle through available modes such as Voltage, Resistance, Capacitance, Frequency, Diode, and Continuity.

5.4 Measuring Voltage (AC/DC)

1. Ensure test leads are correctly connected (black to COM, red to INPUT).
2. Select the appropriate voltage mode (AC or DC) if not in AUTO mode, or allow AUTO mode to detect.
3. Connect the test probes in parallel to the circuit or component you wish to measure.
4. Read the voltage value on the display. The display shows voltage, frequency, and a 3-color analog bar.

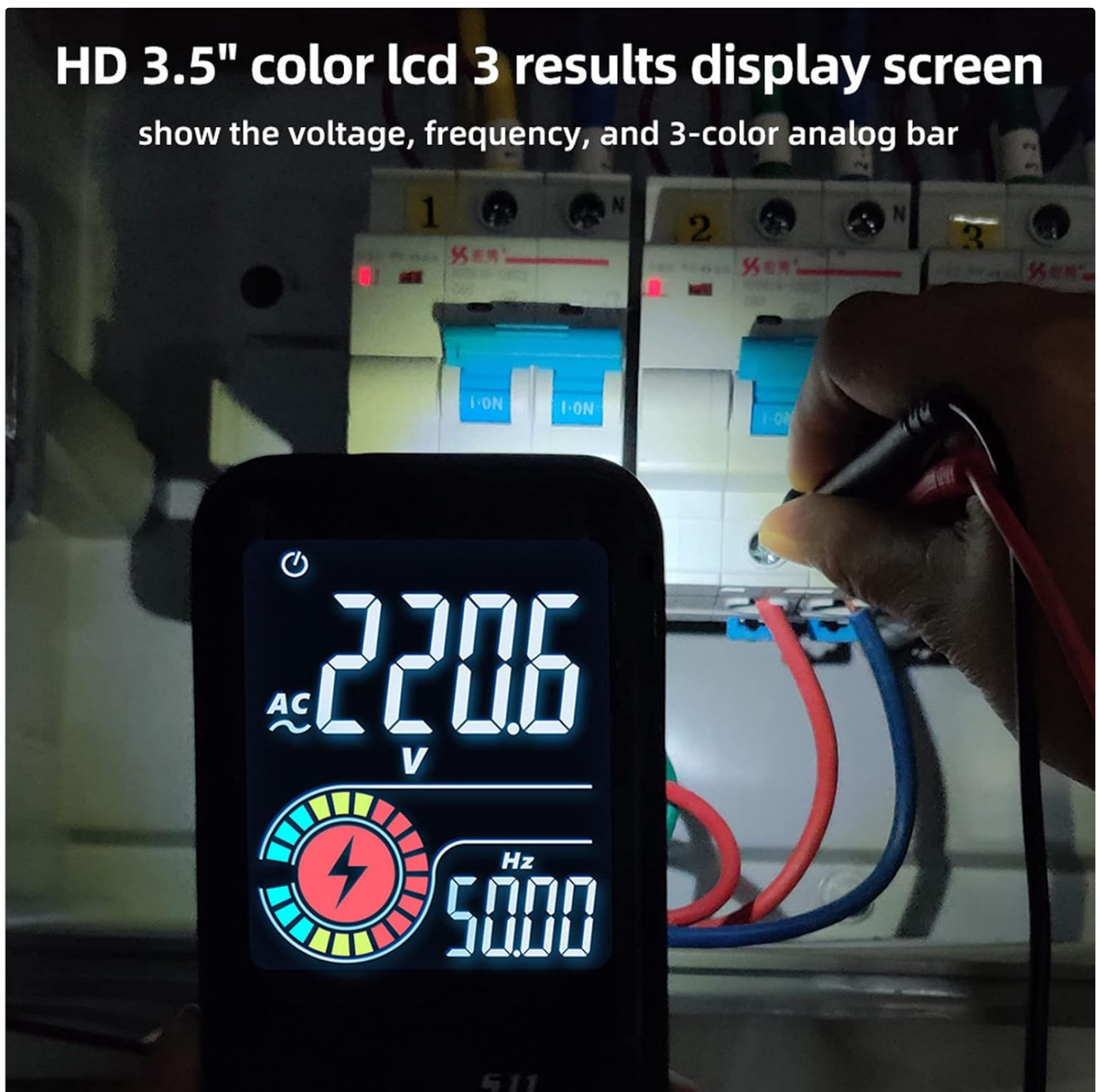


Figure 5.2: The BSIDE S11 Multimeter displaying AC voltage (220.6V) and frequency (50.00Hz) on its 3.5-inch color LCD screen while measuring an electrical circuit.

5.5 Measuring Resistance

1. Ensure the circuit or component is de-energized before measuring resistance.
2. Select Resistance mode or allow AUTO mode to detect.
3. Connect the test probes across the component.
4. Read the resistance value on the display.

5.6 Measuring Capacitance

1. Ensure the capacitor is fully discharged before measurement to prevent damage to the multimeter.
2. Select Capacitance mode (refer to Figure 3.1 for button location).
3. Connect the test probes across the capacitor terminals.
4. Read the capacitance value on the display.

5.7 Continuity Test

1. Ensure the circuit or component is de-energized.
2. Select Continuity mode.
3. Connect the test probes across the circuit path or component.
4. A continuous beep indicates a low-resistance path (continuity). The display will also show the resistance value.

5.8 Diode Test

1. Ensure the diode is disconnected from the circuit.
2. Select Diode Test mode.
3. Connect the red probe to the anode and the black probe to the cathode. The display will show the forward voltage drop.
4. Reverse the probes. The display should show "OL" (Open Loop) for a good diode.

5.9 Non-Contact Voltage (NCV) Detection

The NCV function allows for detection of AC voltage without direct contact, enhancing safety.

1. Select NCV mode.
2. Position the top sensor probe of the multimeter near the conductor or outlet.
3. The device will indicate the presence of AC voltage through visual (display changes, analog bar) and audible (buzzer alarm) signals.



Figure 5.3: The BSIDE S11 Multimeter in NCV mode, detecting AC voltage near a power strip. The display shows "NCV" and a visual indicator, accompanied by a buzzer alarm.

5.10 Flashlight Function

The built-in flashlight can be activated to illuminate the work area. Refer to Figure 3.1 for the flashlight button location.

5.11 Display Features

The 3.5-inch color LCD screen provides clear readings. It can display up to three test results simultaneously, such as voltage, frequency, and a 3-color analog bar for quick visual interpretation of measurement levels.



Figure 5.4: The BSIDE S11 Multimeter in use, demonstrating its clear display with multiple readings and the analog bar.

6. MAINTENANCE

6.1 Cleaning

Wipe the multimeter casing with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents. Ensure the device is off and disconnected from any power source before cleaning.

6.2 Battery Charging

The built-in lithium battery should be recharged when the low battery indicator appears on the display. Use the provided USB cable and a compatible USB power adapter. Avoid overcharging or completely draining the battery for optimal lifespan.

6.3 Storage

When not in use for extended periods, store the multimeter in a cool, dry place, away from direct sunlight and extreme temperatures. It is advisable to periodically charge the battery if stored for a long time to maintain battery health.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Multimeter does not power on.	Low or depleted battery.	Charge the multimeter using the USB cable.
No reading or "OL" displayed.	Open circuit, incorrect mode, or probes not making contact.	Check circuit continuity, ensure probes are firmly connected, select correct measurement mode.
Inaccurate readings.	Incorrect mode, poor probe contact, or external interference.	Verify mode selection, clean probe tips, ensure stable connection, move away from strong electromagnetic fields.
Auto power-off too quickly.	Auto power-off function is enabled.	Disable auto power-off by pressing and holding the Power Button during startup (refer to section 5.1).

8. SPECIFICATIONS

Feature	Detail
Brand	Eujgoov
Model Number	BSIDE S11
Power Source	Battery Powered (Built-in rechargeable lithium battery)
Display	HD 3.5" Color LCD, 3 results display, 3-color analog bar
Measurement Type	Multimeter, Voltmeter (Voltage, Resistance, Capacitance, Frequency, Continuity, Diode, NCV)
Safety Rating	CE, CAT II 600V, CAT III 300V
Operating Temperature	Up to 40°C
Features	Automatic identification, Auto range, Flashlight, Non-Contact Voltage (NCV) detection, Buzzer alarm
Origin	China

9. WARRANTY AND SUPPORT

Specific warranty information for the Eujgoov BSIDE S11 Smart Digital Multimeter is typically provided at the point of purchase or within the product packaging. Please refer to your purchase documentation for details regarding warranty coverage and duration.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact the retailer or manufacturer directly. Contact information can usually be found on the product packaging or the manufacturer's official website.

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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Email

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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