

Eujgoov BSIDE G1

Eujgoov BSIDE G1 Pen Type Combustible Gas Leak Detector User Manual

Model: BSIDE G1

1. INTRODUCTION

The Eujgoov BSIDE G1 is a portable, pen-type combustible gas leak detector designed for quick and efficient detection of various combustible gases, including methane and gasoline vapor. This device features an LCD screen, NTC temperature sensor, and multiple alarm modes to ensure user safety and convenience. This manual provides essential information for the safe and effective operation and maintenance of your gas detector.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in injury or damage to the product.

- This device is intended for detecting combustible gases. It is not a substitute for professional gas detection equipment or safety procedures.
- Do not expose the device to extreme temperatures, humidity, or corrosive environments.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.
- Ensure the device is fully charged before use to avoid interruptions during detection.
- Always use the device in a well-ventilated area.
- If a gas leak is detected, immediately follow your local safety protocols, which may include evacuating the area, opening windows, and contacting emergency services.

3. PRODUCT OVERVIEW

The BSIDE G1 detector features a compact design with an intuitive interface for ease of use.



Figure 3.1: Front view of the Eujgoov BSIDE G1 detector, showing the LCD screen and control buttons.



Figure 3.2: Close-up of the detector's LCD display, indicating gas concentration and ambient temperature.

Key Components:

- **Gas Sensor Tip:** Located at the top, detects combustible gases.
- **LCD Display:** Shows gas concentration (analog bar), ambient temperature, and alarm indicators.

- **Power Button (Red):** Turns the device on/off.
- **Backlight Button (Orange):** Toggles the display backlight.
- **SEL Button (Blue):** Selects different modes or settings (if applicable).
- **G1 Indicator:** Model designation.
- **USB Charging Port:** For recharging the internal battery.

4. SPECIFICATIONS

Feature	Specification
Item Type	Combustible Gas Detector
Material	ABS
Display	LCD Screen
Sensor Type	NTC Sensor (Temperature), Gas Sensor
Sampling Rate	1 second
Alarm Modes	Analog Bar, Backlight, Motor Vibration, Buzzer
Auto Shut-off Time	Approximately 5 minutes
Operating Temperature	0-40 °C (32-104 °F)
Operating Humidity	0-90% RH (non-condensing)
Power Supply	3.7V 400mA Lithium Battery
Package Dimensions	19 x 4 x 3 cm
Model Number	Eujgoovqbg18pongf
ASIN	B0CG5WFHN3
Country of Origin	China

5. SETUP

5.1 Charging the Device

1. Locate the USB charging port on the device.
2. Connect the provided USB cable to the device and a compatible USB power adapter (not included) or computer USB port.
3. The device will indicate charging status on the LCD screen. Ensure the device is fully charged before first use.

5.2 Initial Power On

After charging, press and hold the red Power Button () for a few seconds until the LCD screen illuminates. The device will

perform a brief self-test before entering detection mode.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **To Power On:** Press and hold the red Power Button () until the display turns on.
- **To Power Off:** Press and hold the red Power Button () until the display turns off. The device also features an automatic shut-off after approximately 5 minutes of inactivity.

6.2 Understanding the Display

The LCD screen provides real-time information:

- **Gas Concentration:** Indicated by an analog bar that increases with higher gas concentration.
- **Ambient Temperature:** Displayed in Celsius (°C).
- **Alarm Indicators:** Visual cues for gas detection.

6.3 Backlight Function

Press the orange Backlight Button (☀) to toggle the display backlight on or off, improving visibility in low-light conditions.

6.4 Gas Detection and Alarm Modes

When the detector senses combustible gas, it will activate multiple alarm indicators:

- **Analog Bar:** The bar on the LCD screen will increase in length as the gas concentration rises.
- **Buzzer:** The audible alarm will accelerate in frequency with increasing gas concentration.
- **Motor Vibration:** The device will vibrate more intensely as the gas concentration increases.
- **Backlight Color Change:** The backlight will change color (e.g., to red) to provide a clear visual warning.



Figure 6.1: The BSIDE G1 detector being used in a typical household environment, demonstrating its portability.

6.5 Detection Procedure

1. Power on the device and allow it to stabilize for a few seconds.
2. Slowly move the gas sensor tip towards the area where a gas leak is suspected.
3. Observe the LCD display and listen for the buzzer. The analog bar, buzzer frequency, vibration intensity, and backlight color will indicate the presence and concentration of gas.
4. If an alarm is triggered, identify the source of the leak and take appropriate safety measures.

7. MAINTENANCE

7.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the device in water.

7.2 Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged and recharge it periodically to maintain battery health.

7.3 Sensor Care

Avoid touching the sensor tip directly. Keep it free from dust, dirt, and liquids, as these can affect its performance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery; Device malfunction	Charge the device fully; Contact customer support if problem persists
No gas detection / Inaccurate readings	Sensor tip blocked or dirty; Device not calibrated; Sensor damaged	Clean the sensor tip; Ensure proper ventilation; Contact customer support
False alarms	Interference from other substances (e.g., alcohol, strong fumes); High humidity	Move to a different area; Ensure proper ventilation; Allow device to stabilize in fresh air
Display not working	Low battery; Device malfunction	Charge the device; Contact customer support

9. PACKAGE CONTENTS

The package includes the following items:

- 1 x Eujgoov BSIDE G1 Combustible Gas Detector
- 1 x User Manual (this document)
- 1 x USB Charging Cable

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.

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