

Gedsffati HD08

Gedsffati HD08-G Gas and Carbon Monoxide Detector User Manual

Model: HD08-G

1. PRODUCT OVERVIEW

The Gedsffati HD08-G is a combined carbon monoxide (CO) and combustible gas detector designed for home use. It continuously monitors the levels of CO and various combustible gases, including natural gas, liquefied petroleum gas (LPG), methane, ethane, propane, and butane. This device features high-precision sensors, a 2.1-inch high-resolution colorful LCD screen for real-time display of measurements, and audible and visual alarms.

Key features include:

- **Combined Detection:** Monitors both carbon monoxide and combustible gases simultaneously.
- **High Performance Sensors:** Utilizes electrochemical reaction and semiconductor electrical resistance variation principles for quick and accurate detection, with an approximate 5-year lifespan.
- **Real-time Monitoring:** Sensors operate every 2 seconds for frequent and rapid detection.
- **Multifunctional Display:** Includes air temperature and humidity sensors, displaying these measurements on the screen.
- **Clear LCD Screen:** A 2.1-inch colorful LCD screen provides visible and easy-to-read values.
- **Safety Compliance:** Complies with EU safety regulations EN 50291 (Carbon Monoxide) and EN 50194 (Combustible Gas Detectors).



Image 1.1: Front and side view of the Gedsffati HD08-G detector, showing the display and plug.

2. SETUP AND INSTALLATION

The Gedsffati HD08-G detector is designed for direct insertion into a standard home power outlet, offering a plug-and-play setup. No complex wiring or battery installation is required.

2.1 Placement Considerations

- Install the detector in areas where gas appliances are present, such as kitchens, utility rooms, or near heating systems.
- Ensure the detector is not obstructed by furniture, curtains, or other objects that could block air circulation.
- Avoid placing the detector in direct sunlight, near vents, fans, or in excessively dusty or humid environments.
- For optimal CO detection, place the unit at a height where CO is most likely to accumulate, typically at breathing level. For combustible gases, place it closer to the floor if the gas is heavier than air (e.g., LPG, propane, butane) or closer to the ceiling if lighter than air (e.g., natural gas, methane).

2.2 Initial Power-On

1. Plug the device directly into a standard AC 100-240V/50-60Hz power outlet.
2. The device will automatically power on and begin its self-test sequence.
3. Once the self-test is complete, the screen will display current CO levels, gas concentration indicators, temperature, and humidity. The carbon monoxide icon will be green if CO levels are 0-50ppm, indicating normal operation.



Image 2.1: The Gedsffati HD08-G detector plugged into a wall outlet, ready for operation.

3. OPERATING INSTRUCTIONS

The HD08-G detector features three control buttons (H, O, D) for various functions and a clear LCD display for information.

3.1 Button Functions

- **Button H:** Short press this button to change the brightness of the screen.
- **Button O:**

- Short press to allow the device to perform a self-test.
- Long press to change the temperature unit between Celsius (°C) and Fahrenheit (°F).
- **Button D:** Short press this button to turn the buzzer (audible alarm) on or off.



Image 3.1: Close-up of the detector's front panel, highlighting the H, O, and D buttons and the display.

3.2 Alarm Function Introduction

The device provides distinct visual and audible alarms based on the detected concentration levels of carbon monoxide and combustible gases.

3.2.1 Carbon Monoxide (CO) Alarm

- **0-50ppm:** No alarm. The carbon monoxide icon on the screen is green.
- **51-200ppm:** The device beeps every 3 minutes. The carbon monoxide icon turns yellow and flashes.
- **201-999ppm:** The device emits a continuous beep. The carbon monoxide icon turns red and flashes.

3.2.2 Combustible Gases Alarm

- **No Combustible Gas:** No audible alarm. The green gas icon flashes.

- **Low Concentration:** The device beeps every 3 minutes. The yellow gas icon flashes.
- **Medium Concentration:** The device beeps every 3 minutes. The orange gas icon flashes.
- **High Concentration:** The device emits a continuous audible alarm. The red gas icon flashes.



Image 3.2: The detector displaying an alarm condition with visual indicators and sound waves.

4. MAINTENANCE

To ensure the optimal performance and longevity of your Gedsffati HD08-G detector, follow these maintenance guidelines:

- **Regular Cleaning:** Gently wipe the exterior of the detector with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents.
- **Avoid Obstructions:** Ensure that the air vents on the device are not blocked by dust, debris, or other objects. The 3D porous air duct design relies on clear airflow for accurate detection.
- **Self-Test:** Perform a self-test regularly (e.g., monthly) by short pressing the 'O' button to confirm the device is functioning correctly.
- **Sensor Lifespan:** The sensors have an approximate lifespan of 5 years. While the device is designed

for long-term use, consider replacing it after this period to ensure continued accuracy and reliability.



Image 4.1: Illustration of the detector's 3D porous air duct design for efficient gas detection.

5. TROUBLESHOOTING

This section addresses common issues and their solutions. If you encounter a problem not listed here, please refer to the contact information for support.

5.1 Indicator Lights and Alarms

- **Green Light (screen off and indicator light on):** Indicates normal operation and gas concentration monitoring.
- **Red Light (alarm):** Indicates a mute error or sensor malfunction. If this occurs, perform a self-test. If the issue persists, contact customer support.

INTELLIGENT POWER INDICATOR LIGHT

Self testing fault is clear at a glance



Green light (screen off and indicator light on)

Indicates normal operation and gas concentration monitoring.



Red light (alarm)

There is a mute error or sensor malfunction.

Short press to self test



Image 5.1: The intelligent power indicator light, showing normal (green) and alarm/malfunction (red) states.

5.2 Incorrect Temperature Unit Display

Issue: The temperature unit is not displaying in your preferred Celsius (°C) or Fahrenheit (°F).

Solution: Long press the 'O' button to toggle between Celsius and Fahrenheit. *Note: An error in some printed user manuals incorrectly states to use the 'D' button for this function. Please use the 'O' button.*

5.3 False Alarms

If the detector triggers an alarm without an apparent gas leak or CO presence:

- **Ventilate the Area:** Open windows and doors to air out the space.
- **Check for Interfering Substances:** Strong cleaning agents, aerosols, or high humidity can sometimes trigger false alarms.
- **Relocate the Detector:** If false alarms persist, try moving the detector to a different location, away from potential sources of interference.
- **Perform Self-Test:** Use the 'O' button to perform a self-test. If the device indicates a malfunction, contact support.

6. SPECIFICATIONS

Feature	Specification
Model Number	HD08-G
Detectable Combustible Gases	Natural gas, LPG, Methane (CH4), Ethane (C2H6), Propane (C3H8), Butane (C4H10), etc.
Carbon Monoxide Measuring Range	0-999ppm (±5%)
Temperature Measurement Range	-10°C to 50°C / 14°F to 122°F (±3%)
Air Humidity Measurement Range	5% to 95% RH (±5%)
Power Requirements	AC 100-240V/50-60Hz
Working Voltage and Current	5V/1A
Working Environment	-10°C to 60°C / 14°F to 140°F, 20% to 80% RH
Product Dimensions	85 x 51 x 33 mm (3.3D x 5.1W x 8.5H Centimeters)
Product Weight	60g
Material	ABS plastic
Manufacturer	Shenzhen Huidu Technology Co., Ltd.
Certifications	EN 50291 (Carbon Monoxide), EN 50194 (Combustible Gas)

2.1 INCH HD COLOR SCREEN DISPLAY

Combustible/CO concentration is clear and clear

IPS

Ultra broad
perspective

240*296

resolving
power

HD Display

Fashionable
color screen



Image 6.1: The detector's 2.1-inch HD color screen displaying various measurements.

HIGH PRECISION SENSORS

Sensitive and stable
detection performance



Image 6.2: Exploded view illustrating the internal components and high-precision sensors.

7. CERTIFICATIONS AND COMPLIANCE

The Gedsffati HD08-G detector is designed and manufactured to meet stringent safety standards.

- **EN 50291:** European standard for electrical apparatus for the detection of carbon monoxide in domestic premises.
- **EN 50194:** European standard for electrical apparatus for the detection of combustible gases in domestic premises.

For verification of conformity, please refer to the certification body's website:

- [ICR Polska Certification](#)

DIRECT INSERTION COMBINED CARBON MONOXIDE DETECTOR

Real time monitoring of gas concentration

high precision sensors

High definition colorful large screen

Audible and visual alarm

Fault self check

Plug and play

NEW



Image 7.1: Certificates of conformity for EN50291 (Carbon Monoxide) and EN50194 (Combustible Gas) standards.

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details was not provided in the product data. Please refer to the product packaging or the seller's website for warranty information and customer service contacts.






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Related Documents - HD08

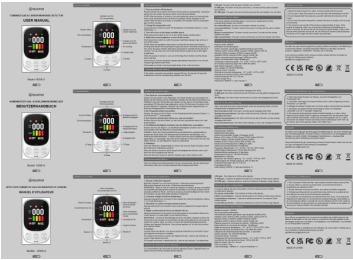


[Carbon Monoxide Detector HD08 User Manual](#)

User manual for the HD08 Carbon Monoxide Detector, detailing its features, usage instructions, technical specifications, and warranty information.

	<p>Gedsffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual</p> <p>User manual for the Gedsffati HD08-G Combined Gas and Carbon Monoxide Detector. Provides instructions on operation, alarm functions, technical specifications, and safety precautions for monitoring air quality.</p>
	<p>Gedsffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual</p> <p>The Gedsffati HD08-G is a combined gas and carbon monoxide detector designed for home safety. It features a digital display showing CO and combustible gas concentrations, temperature, and humidity. The device provides audible and visual alarms for dangerous gas levels and includes user-friendly controls for temperature unit switching, buzzer activation, and screen brightness adjustment. This manual provides detailed instructions, technical specifications, and safety precautions for optimal use.</p>
	<p>HD08 Carbon Monoxide Detector User Manual</p> <p>Comprehensive user manual for the HD08 Carbon Monoxide Detector, providing detailed instructions on operation, features, specifications, and safety precautions. Learn how to use and maintain your CO detector for optimal performance and safety.</p>
	<p>Gedsffati HD11-CG Combined Gas and Carbon Monoxide Detector User Manual</p> <p>User manual for the Gedsffati HD11-CG, a combined combustible gas and carbon monoxide detector. Provides instructions on operation, alarm functions, technical specifications, and safety precautions.</p>
	<p>Gedsffati HD11-CGS Combined Smoke, Combustible Gas, and Carbon Monoxide Detector User Manual</p> <p>User manual for the Gedsffati HD11-CGS, a combined smoke, combustible gas, and carbon monoxide detector. Learn about its features, functions, operation, and technical specifications.</p>

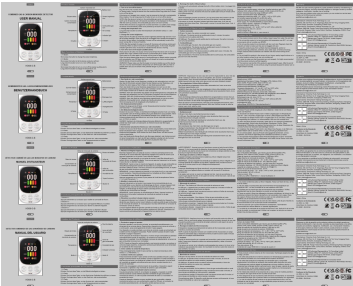
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[Gedsffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual](#)

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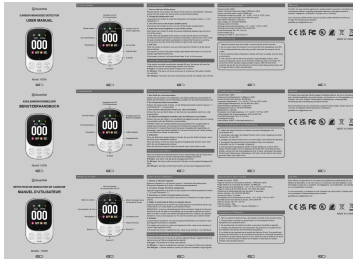
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[HD09-G-B Combined Gas & Carbon Monoxide Detector User Manual](#)

The HD09-G-B is a combined gas and carbon monoxide detector designed for home safety. This user manual provides detailed instructions on its operation, features, technical specifications, and compliance information, ensuring safe and effective use.

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DTECTEUR DE MONOXYDE DE CARBONE MANUEL D UTILISATEUR Modle : **HD08** FR 01 Product Details Indicator icon for CO concentration Buzzer status CO concentration Temperature H button O button...

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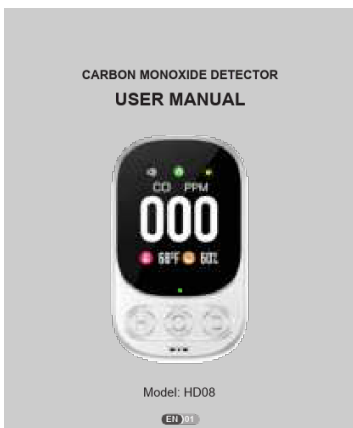
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[Gedsffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual](#)

User manual for the Gedsffati HD08-G Combined Gas and Carbon Monoxide Detector. Provides instructions on operation, alarm functions, technical specifications, and safety precautions for monitoring air quality.

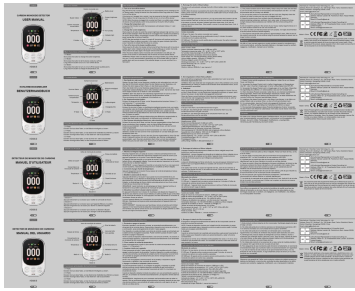
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[HD08 Carbon Monoxide Detector User Manual](#)

Comprehensive user manual for the HD08 Carbon Monoxide Detector, providing detailed instructions on operation, features, specifications, and safety precautions. Learn how to use and maintain your CO detector for optimal performance and safety.

lang:en score:32 filesize: 2.28 M page_count: 30 document date: 2024-12-10



[HD08-B Carbon Monoxide Detector User Manual](#)

User manual for the HD08-B Carbon Monoxide Detector, providing instructions on operation, features, technical specifications, and safety precautions. Includes multilingual support.

lang:en **score:20** filesize: 1.48 M page_count: 2 document date: 2025-08-01