Gedsffati HD08-G

Gedsffati HD08-G 4-in-1 Carbon Monoxide and Natural Gas Detector User Manual

Model: HD08-G

Brand: Gedsffati

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Gedsffati HD08-G 4-in-1 Carbon Monoxide and Natural Gas Detector. This device is designed to monitor carbon monoxide (CO), combustible gases (such as propane and methane), temperature, and humidity in your environment. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. KEY FEATURES

- **4-in-1 Detection:** Integrated sensors for carbon monoxide, combustible gas, temperature, and humidity.
- **Plug-in Design:** Compatible with 110V to 220V AC outlets for easy installation.
- **Built-in Backup Battery:** 1000 mAh battery provides approximately 10 hours of operation during power outages, allowing for portable use.
- **High-Definition Display:** 2.1-inch HD screen for clear real-time display of gas concentrations, temperature, and humidity.
- **Audible and Visual Alarms:** 85 dB alarm and screen color changes provide immediate alerts for detected hazards.
- **Wide Detection Range:** CO detection range of 0-999ppm, with alarm activation above 50ppm.

3. PACKAGE CONTENTS

The package typically includes:

- 1 x Gedsffati HD08-G 4-in-1 Detector

- 1 x User Manual

Please inspect the package contents upon receipt to ensure all items are present and undamaged.

4. Safety Information

This detector is a safety device. Please observe the following precautions:

- Do not paint over the detector. Paint can clog the sensor openings and prevent the unit from functioning properly.
- Do not block the ventilation openings on the detector.
- Do not install in areas with high humidity, excessive dust, or extreme temperatures.
- Do not install near exhaust vents, furnaces, water heaters, or other combustion appliances.
- Regularly test the detector as described in this manual.
- This device is intended to detect CO and combustible gases. It is not designed to detect smoke or fire.
- In case of an alarm, evacuate the premises immediately and contact emergency services.

5. Setup and Installation

The Gedsffati HD08-G detector is designed for simple plug-and-play installation.

1. **Choose a Location:** Select an appropriate location for installation. For CO detection, place the unit at least 5 feet (1.5 meters) from any fuel-burning appliance. For combustible gas detection, place it near potential leak sources, but not directly above them. Avoid corners or areas with poor air circulation.
2. **Plug In:** Insert the detector directly into a standard 110V-220V AC electrical outlet. The device will power on automatically.
3. **Initial Self-Test:** Upon plugging in, the detector will perform an initial self-test. The screen will illuminate, and you may hear a brief audible signal.
4. **Backup Battery:** The built-in 1000 mAh battery will begin charging once plugged in. This battery provides continuous operation during power outages and allows for portable use.

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

CO PPM 000

GAS

68°F 60%

H O D

Image: The Gedsffati HD08-G detector shown plugged directly into a wall outlet, highlighting its compact, direct-insertion design for easy installation.

Image: An illustration depicting the Gedsffati HD08-G detector with a visual representation of its internal rechargeable backup battery, indicating 9-10 hours of power life for emergencies.

6. OPERATING INSTRUCTIONS

Once plugged in and initialized, the detector continuously monitors the environment.

6.1 Display Information

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: A detailed view of the detector's 2.1-inch HD color screen, showing real-time readings for CO concentration (PPM), gas levels (represented by a bar graph), temperature (68°F), and humidity (60%).

- **CO (Carbon Monoxide):** Displays the current CO concentration in parts per million (PPM).
- **GAS:** Indicates the level of combustible gas detected, often represented by a bar graph or numerical value.
- **Temperature:** Shows the ambient temperature.
- **Humidity:** Displays the ambient humidity level.
- **Battery Indicator:** Shows the current battery charge level.
- **Brightness/Sound Icons:** May indicate current settings for screen brightness and alarm sound.

6.2 Alarm Indications

SOUND AND LIGHT ALARM TO PREVENT DANGER

One click start for real-time monitoring

Image: The detector is shown in an alarm state, emitting sound waves and displaying gas icons, indicating the detection of CO and combustible gas. This scenario is depicted near a kitchen stove, emphasizing its function in preventing danger.

- When CO concentration exceeds 50ppm, or combustible gas levels exceed the alarm threshold, the detector will activate an audible alarm (85 dB) and the screen display will change, often with flashing indicators or color changes.
- Follow emergency procedures immediately upon alarm activation.

6.3 Self-Test Function

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: The detector illustrates its intelligent power indicator light system. A green light indicates normal operation, while a red light signifies an alarm or sensor malfunction. A finger is shown pressing the 'H' button for a short press self-test.

- To perform a self-test, short press the designated test button (often labeled 'H' or similar). The detector will briefly activate its alarm and display all indicators to confirm proper functioning.
- A green indicator light typically signifies normal operation, while a red light may indicate an alarm or sensor malfunction.

7. MAINTENANCE

Proper maintenance ensures the longevity and reliability of your detector.

- **Cleaning:** Gently wipe the exterior of the detector with a soft, damp cloth. Do not use harsh chemicals, abrasive cleaners, or spray directly onto the unit. Ensure no liquid enters the sensor openings.
- **Regular Testing:** Perform a self-test at least once a week to confirm the alarm and display are functioning correctly.
- **Battery Check:** The built-in backup battery is designed for long-term use. If the detector frequently runs out of power during outages or the battery indicator shows low charge even after prolonged charging,

the battery may be degrading. Contact customer support if you suspect a battery issue.

- **Avoid Obstructions:** Ensure that the detector's ventilation openings are not blocked by dust, debris, or household items.

8. TROUBLESHOOTING

If you encounter issues with your detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Detector does not power on.	No power from outlet; unit not fully plugged in; backup battery depleted.	Ensure the outlet is functional. Plug the unit firmly into the outlet. Allow time for the backup battery to charge.
Alarm sounds frequently without apparent gas.	False alarm due to strong odors (e.g., cleaning products, aerosols); sensor contamination; actual low-level gas presence.	Ventilate the area. Move the detector to a different location temporarily. Clean the detector. If alarms persist, investigate potential gas leaks.
Display is blank or shows an error code.	Power issue; sensor malfunction; internal fault.	Check power connection. Perform a self-test. If the issue persists, contact customer support.
Alarm is too quiet or not sounding.	Speaker obstruction; unit malfunction.	Ensure speaker is not blocked. Perform a self-test. If the alarm is still not audible, the unit may be faulty and requires replacement.

If troubleshooting steps do not resolve the issue, please contact Gedsffati customer support for further assistance.

9. SPECIFICATIONS

The following are the technical specifications for the Gedsffati HD08-G detector:

- **Model Number:** HD08-G
- **Manufacturer:** Shenzhen Huidu Technology Co., Ltd.
- **Item Weight:** 2.12 ounces (60 Grams)
- **Package Dimensions:** 4.17 x 2.87 x 2.13 inches
- **Power Input:** 110V-220V AC (Plug-in)
- **Backup Battery:** 1000 mAh (Rechargeable, included)
- **CO Detection Range:** 0-999ppm
- **CO Alarm Threshold:** >50ppm
- **Alarm Loudness:** 85 dB
- **Display:** 2.1-inch HD Color Screen

- **Color:** White

10. Warranty and Support

Gedsffati products are designed for reliability and performance. Specific warranty details are typically provided with the product packaging or can be found on the official Gedsffati website. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please refer to the contact information provided in your product packaging or visit the Gedsffati brand store online.