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Gedsffati HD11

Gedsffati HD11 5-in-1 Detector User Manual

Model: HD11

1. INTRODUCTION

Thank you for choosing the Gedsffati HD11 5-in-1 Detector. This device is designed to enhance your home safety by continuously monitoring for carbon monoxide (CO), smoke, and combustible gas. Additionally, it provides real-time readings for ambient temperature and humidity. This manual provides essential information for the proper installation, operation, and maintenance of your detector.

Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Your safety is paramount. This detector is a crucial safety device, but it is not a substitute for proper maintenance of fuel-burning appliances or ventilation systems. Always follow local regulations and guidelines for detector placement and maintenance.

2.1. Understanding Hazards

- **Carbon Monoxide (CO) Hazard:** Carbon monoxide is a colorless, odorless, and toxic gas. Mild poisoning symptoms include headaches, dizziness, palpitations, nausea, vomiting, limb weakness, and brief fainting. Higher concentrations can lead to coma, collapse, and even death.
- **Combustible Gas Hazard:** Natural gas is a colorless, odorless, non-toxic, and non-corrosive gas. Methane, a primary component, can cause suffocation at high concentrations. Gas leaks can also produce toxic carbon monoxide if combustion is incomplete.
- **Smoke Hazard:** Thick smoke contains harmful particles and gases (e.g., carbon monoxide, sulfur dioxide, nitrogen oxides). Inhaling smoke during a fire can irritate respiratory passages, cause coughing, chest tightness, and shortness of breath, potentially leading to damage to the nervous and cardiovascular systems.

2.2. Important Safety Precautions

- Do not paint the detector. Paint can clog the sensor openings and interfere with proper operation.
- Do not block the air intake vents on the device.
- Test the detector regularly as described in this manual.
- Do not use cleaning agents or solvents on the detector.

- Ensure the device is plugged into a functional power outlet.



Image: Home Harmful Gas Detecting Placement Guide. This diagram illustrates recommended locations for smoke, carbon monoxide, and combustible gas detectors within a typical home layout, including living rooms, bedrooms, kitchens, basements, and garages.

Placement Guide: For optimal safety, it is crucial to strategically place detectors. Refer to the diagram above for recommended installation points in various areas of your home, such as bedrooms, dining rooms, kitchens, living rooms, basements, and garages.

3. PRODUCT OVERVIEW

The Gedssfati HD11 is a compact, plug-in device designed for comprehensive environmental monitoring. It features a high-definition display and intuitive controls.



Image: Gedstffati HD11 Detector. This image displays the front of the detector with its screen showing CO, gas, smoke, temperature, and humidity readings, alongside a side view revealing the plug mechanism.

3.1. Key Features

- 5-in-1 Detection:** Monitors Carbon Monoxide (CO), Smoke, Combustible Gas, Temperature, and Humidity.
- 2.1-inch HD Screen:** Displays all data in real-time with dynamic updates.
- Built-in Backup Battery:** 2000mAh rechargeable lithium-metal battery provides approximately 20 hours of operation during power outages, making it portable for travel or temporary use.
- Plug & Play:** Easy to install by simply plugging into a standard wall outlet.
- Audible & Visual Alerts:** Features an 85dB alarm and flashing icons/indicator lights for warnings.
- 3D Air Intake Design:** Optimized for efficient detection of harmful gases and smoke.

PLUG & PLAY & AUDIBLE



Image: Detector Display and Controls. This image labels the various elements of the detector's display, including icons for CO, gas, smoke, temperature, humidity, and battery level, as well as the functions of the three control buttons.

3.2. Components and Display

The device features a clear 2.1-inch HD screen that dynamically displays all monitored parameters. Below the screen are three control buttons and an indicator light.

- **Display Icons:**

- **CO PPM:** Carbon Monoxide concentration in parts per million.
- **GAS:** Combustible gas icon.
- **SMOKE:** Smoke icon.
- **Temperature:** Current ambient temperature (°C or °F).
- **Humidity:** Relative air humidity percentage.
- **Battery Level:** Indicates the charge level of the internal backup battery.
- **Buzzer Status:** Icon indicating if the audible alarm is active or muted.

- **Buttons (from left to right):**

- **Screen Brightness Button:** Short press to change screen brightness (3 levels). Long press to switch temperature unit (°C to °F).

- **Power Button:** Short press for self-testing. Long press to turn off when operating on battery power.
- **Buzzer Button:** Short press to turn on/off the buzzer.
- **Indicator Light:** Located below the buttons, provides visual status feedback.

4. SETUP AND INSTALLATION

The Gedssffati HD11 detector is designed for easy setup.

4.1. Initial Power-Up

1. Unpack the detector and remove any protective films.
2. Plug the detector directly into a standard 220V AC wall outlet. The device will automatically power on and begin its self-check sequence.
3. The built-in battery will charge automatically when the device is plugged in.

4.2. Placement Recommendations

Choose a location that aligns with the safety guidelines in Section 2.2. Consider the following:

- Install detectors in areas where gas, smoke, or CO leaks are most likely to occur, such as near gas appliances, fireplaces, or in sleeping areas.
- Avoid placing the detector in direct sunlight, near vents, fans, or in areas with high humidity (e.g., directly above a shower).
- Ensure the air intake vents are not obstructed.



Image: Detector in Various Environments. This image demonstrates the versatility of the Gedsffati HD11 detector, showing it in a living room, kitchen, bedroom, hotel room, garage, and an RV, highlighting its suitability for diverse locations.

4.3. Magnetic Attachment (Optional)

The detector's plug can be detached, allowing for the attachment of a magnetic part (if included or purchased separately). This enables the detector to be mounted on metallic surfaces, offering flexible placement options.

5. OPERATING INSTRUCTIONS

5.1. Self-Test Function

It is recommended to perform a self-test weekly to ensure the detector is functioning correctly.

- **To perform a self-test:** Short press the **Power Button** (center button). The detector will emit an audible alarm and flash its indicator light, confirming its operational status.

5.2. Understanding Alarms

The detector provides both audible and visual alerts when a hazard is detected.

AUDIBLE & VISUALBLE ALERT

85 dB sound

Gas cion flashe + smoke icon flash + CO data change alert
+ Indicator light flash



Image: **Audible & Visual Alert.** This image depicts the detector in an alarm state, with the screen showing elevated CO levels, flashing gas and smoke icons, and the text "DiDi-DiDi" indicating an audible alert of 85dB.

- **Audible Alarm:** A loud 85dB sound will be emitted.
- **Visual Alarm:** The relevant hazard icon (Gas, Smoke, CO) will flash on the screen, the CO data will change, and the indicator light will flash.
- **To silence the alarm:** Short press the **Buzzer Button** (rightmost button). Note that the alarm may reactivate if the hazard persists.

5.3. Indicator Light Status

PLUG & PLAY & AUDIBLE

5IN1 CO & SMOKE & GAS DETECTOR COMBINATION

BACKUP BATTERY BUILT-IN



Image: Indicator Light Explanation. This image illustrates the meaning of the green and red indicator lights on the detector. A green light signifies normal operation, while a red light indicates an alarm or sensor malfunction.

- **Green Light (Screen Off, Indicator Light On):** Indicates normal operation, with continuous monitoring of smoke, combustible gas, and CO concentration.
- **Red Light (Alarm):** Indicates an alarm condition or a sensor malfunction.

5.4. Button Functions Summary

- **Power Button (Center):**

- Short press: Self-testing.
- Long press: Turn off (when on battery power).

- **Screen Brightness Button (Left):**

- Short press: Change screen brightness (3 levels).
- Long press: Switch temperature unit (°C to °F).

- **Buzzer Button (Right):**

- Short press: Turn on/off the buzzer.

6. MAINTENANCE

Regular maintenance ensures the longevity and accuracy of your detector.

- **Cleaning:** Gently wipe the exterior of the detector with a soft, dry cloth. Do not use water, cleaning sprays, or solvents, as these can damage the sensors. Ensure the air intake vents remain clear of dust and debris.
- **Battery Care:** The internal 2000mAh lithium-metal battery is rechargeable. When plugged into an AC outlet, it charges automatically. If operating on battery power, ensure it is recharged promptly after an extended period of use or when the battery indicator shows low charge. The battery provides approximately 20 hours of backup power.
- **Regular Testing:** Perform the self-test function weekly as described in Section 5.1.

7. TROUBLESHOOTING

If your detector is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Detector does not power on.	Not properly plugged in; power outage; battery fully discharged.	Ensure it is securely plugged into a live outlet. Check household power. Allow battery to charge for several hours.
Alarm sounds without apparent hazard.	False alarm due to cooking fumes, aerosols, or high humidity; sensor malfunction.	Ventilate the area. Press the buzzer button to silence. If alarms persist without cause, contact support.
Red indicator light is on, but no audible alarm.	Buzzer may be muted; sensor malfunction.	Short press the buzzer button to ensure it's not muted. Perform a self-test. If issue persists, contact support.
Screen display is dim or unreadable.	Brightness setting is low.	Short press the screen brightness button to cycle through brightness levels.

If you encounter an issue not listed here or if troubleshooting steps do not resolve the problem, please contact Gedssffati customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	HD11
Product Dimensions	11.8 x 6.5 x 2.6 cm
Item Weight	150 g
Power Supply	220 Volt (AC)
Battery Type	1 Lithium-Metal Battery (included)
Battery Capacity	2000mAh
Backup Battery Life	Approximately 20 hours
Alarm Sound Level	85 dB
Display	2.1-inch HD Screen

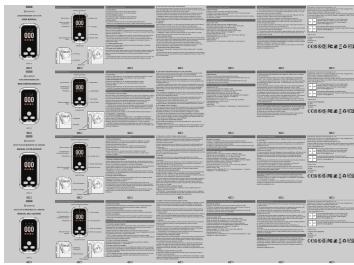
9. WARRANTY AND SUPPORT

Gedssffati is committed to providing high-quality products. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Gedssffati website. Please have your model number (HD11) and purchase details ready when contacting support.

You can visit the Gedssffati store on Amazon for more information: [Gedssffati Amazon Store](#).

Related Documents - HD11

	<p><u>Gedssffati HD11-CGS Combined Smoke, Combustible Gas, and Carbon Monoxide Detector User Manual</u></p> <p>User manual for the Gedssffati HD11-CGS, a combined smoke, combustible gas, and carbon monoxide detector. Learn about its features, functions, operation, and technical specifications.</p>
	<p><u>Gedssffati HD11-CG Combined Gas and Carbon Monoxide Detector User Manual</u></p> <p>User manual for the Gedssffati HD11-CG, a combined combustible gas and carbon monoxide detector. Provides instructions on operation, alarm functions, technical specifications, and safety precautions.</p>
	<p><u>Gedssffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual</u></p> <p>User manual for the Gedssffati 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><u>Gedssffati PTH-24E Combined Gas and Carbon Monoxide Detector User Manual</u></p> <p>User manual for the Gedssffati PTH-24E combined combustible gas and carbon monoxide detector. This guide provides detailed information on product features, operation, alarm functions, technical specifications, safety precautions, and warranty.</p>
	<p><u>PTH-24E Combined Gas and Carbon Monoxide Detector User Manual</u></p> <p>User manual for the Gedssffati PTH-24E, a combined combustible gas and carbon monoxide detector. Learn about its features, functions, alarm indicators, technical specifications, and safety precautions.</p>
	<p><u>Gedssffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual</u></p> <p>The Gedssffati 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>



[Geonor HD11C Carbon Monoxide Detector User Manual](#)

This user manual provides comprehensive instructions for the Geonor HD11C Carbon Monoxide Detector, covering operation, features, technical specifications, and safety precautions for effective CO detection and home safety.

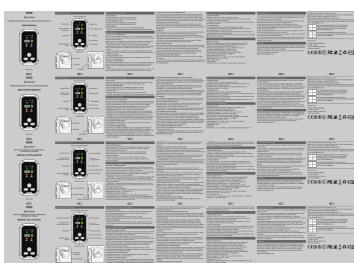
lang:en score:39 filesize: 4.48 M page_count: 2 document date: 2024-12-08



[HD11 Combined Smoke and Carbon Monoxide Detector User Manual](#)

User manual for the HD11 Combined Smoke and Carbon Monoxide Detector, detailing its features, operation, safety guidelines, technical specifications, and warranty information.

lang:en score:35 filesize: 2.89 M page_count: 2 document date: 2024-06-06



[Geofumate HE1-C2 Smart Carbon Monoxide Detector User Manual](#)

The Geofumate HE1-C2 Smart Carbon Monoxide Detector is a multi-functional device designed for home safety, providing real-time monitoring of carbon monoxide (CO) levels, temperature, and humidity. It features Wi-Fi connectivity for smart home integration and offers audible and visual alarms to alert users to dangerous CO concentrations. This user manual provides detailed instructions for setup, operation, and troubleshooting.

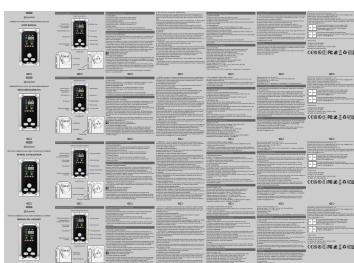
lang:en score:33 filesize: 4.45 M page_count: 2 document date: 2024-11-20



[Gedssffati HD11-CGS Combined Smoke, Combustible Gas, and Carbon Monoxide Detector User Manual](#)

User manual for the Gedssffati HD11-CGS, a combined smoke, combustible gas, and carbon monoxide detector. Learn about its features, functions, operation, and technical specifications.

lang:en score:33 filesize: 3.35 M page_count: 2 document date: 2025-07-08



[Geosafari Carbon Monoxide Detector User Manual | CO Safety Alarm](#)

Learn how to operate and maintain the Geosafari Carbon Monoxide Detector. This user manual covers installation, alarm functions, technical specifications, and important safety information for the portable CO gas alarm.

lang:en score:32 filesize: 4.69 M page_count: 2 document date: 2024-11-01



[Gedssffati HD11-CG Combined Gas and Carbon Monoxide Detector User Manual](#)

User manual for the Gedssffati HD11-CG, a combined combustible gas and carbon monoxide detector. Provides instructions on operation, alarm functions, technical specifications, and safety precautions.

lang:en score:31 filesize: 3.18 M page_count: 2 document date: 2025-07-09