Gedsffati PT06

Gedsffati PT06 Portable Carbon Monoxide Detector User Manual

Model: PT06 | Brand: Gedsffati

1. INTRODUCTION

The Gedsffati PT06 is a versatile 3-in-1 portable carbon monoxide (CO) detector designed to monitor CO concentration, temperature, and humidity. Its compact and lightweight design makes it suitable for various environments, including homes, vehicles, RVs, and during travel or outdoor activities like camping and mountaineering. This device provides real-time monitoring and alerts to help ensure your safety from carbon monoxide poisoning.

Image: The Gedsffati PT06 Portable Carbon Monoxide Detector, displaying CO levels, temperature, and humidity on its screen.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present:

- Gedsffati PT06 Carbon Monoxide Detector (1 unit)
- USB Charging Cable (1 unit)
- User Manual (1 unit)

3. KEY FEATURES

- **Multifunctional & Portable:** Combines carbon monoxide, temperature, and humidity detection in a compact, travel-friendly device.
- **High Precision Carbon Monoxide Sensor:** Utilizes an electrochemical reaction principle for accurate CO measurement. Certified with EN-50291 (EU standard for CO detectors), ensuring reliability and a long service life.

- **LCD Screen & Acoustic Alarm:** Features a high-resolution 2.45-inch LCD screen for clear, real-time display of readings (updated every two seconds). An audible alarm activates when CO concentration exceeds 50ppm.

- **Built-in Rechargeable Lithium Battery:** Equipped with a 2000mAh lithium battery, providing approximately 70 hours of continuous operation in standby mode after a 4-hour charge. The device can also function while charging.

- **Standby Mode:** To conserve energy, the screen backlight automatically turns off after 30 seconds of inactivity. The CO sensor remains active, continuously monitoring CO concentration. Pressing any button reactivates the screen.

Image: Visual representation of the Gedsffati PT06's 5-in-1 detection capabilities, including CO, temperature, humidity, altitude, and atmospheric pressure.

MINI · PORTABLE · COMPACT

Size:3.4x2.1x0.8 inches

Weight:3.5 oz

Image: The compact size of the Gedsffati PT06, highlighting its portability with dimensions of 3.4x2.1x0.8 inches and a weight of 3.5 oz.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the device. Connect the provided USB cable to the device's charging port and a standard DC 5V/1A USB power adapter. A full charge typically takes approximately 4 hours. The device can be used while charging.

4.2 Power On/Off

To power on the device, press and hold the power button (usually marked with a power symbol) until the screen illuminates. To power off, press and hold the power button again until the screen turns off.

5. OPERATING INSTRUCTIONS

5.1 CO Concentration Display

The device displays the carbon monoxide concentration in parts per million (ppm) on the LCD screen. A colored icon indicates the current CO level:

- **Green (0-50ppm):** Safe level.
- **Yellow (51-100ppm):** Ventilation required.
- **Orange (101-200ppm):** Ventilation required.
- **Red (201-999ppm):** Hazardous level.

5.2 CO Concentration Alarm

The device provides audible alarms based on detected CO levels:

- **51-100ppm:** Alarm sounds 3 times every 3 minutes.
- **101-200ppm:** Alarm sounds 5 times every 3 minutes.
- **201-999ppm:** Alarm sounds continuously.

To stop a continuous alarm, press the 'S' button on the device.

5.3 Temperature and Humidity Display

In addition to CO levels, the device continuously displays the ambient temperature and humidity on the screen.

REAL-TIME DETECTING

Working status		CO hazard	
No alarm; green indicator breathing flash per 3s.	0 — 50 PPM		Normal to average 8 hours OSHA enclosed space.
Alarm sounds per 2mins; Orange indicator keep light.	51 — 200 PPM		OSHA Exposure Limits Mild headache, fatigue, nausea, and dizziness
Alarm sounds continuously; Red indicator keep light.	201 — 1000 PPM		Dizziness, nausea, and convulsions, death within 2-3 hours.
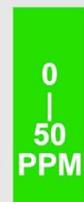
CO **0000** PPM

988 hPa   229 ft

Temperature   Humidity
23°F   64%

5in1 multi-funcional CO detectors

CO range: 0-1000 PPM;

Temp range:14°F - 140 °F;

Humidity rang: 5% - 95% RH;

Atmos range: 300 - 1100 hPa

Altitude range: -500 - 9000 m.

Image: A detailed view of the Gedsffati PT06 screen showing real-time CO detection, working status, and corresponding CO hazard levels with recommended actions.

6. MAINTENANCE

6.1 Battery Life and Charging

The built-in 2000mAh lithium battery provides approximately 70 hours of continuous operation in standby mode. Recharge the device using the provided USB cable and a DC 5V/1A power source. The device can operate normally while charging.

6.2 Standby Mode

To conserve power, the screen backlight automatically turns off after 30 seconds of inactivity. The CO sensor remains active and continues to monitor the environment. Press any button to reactivate the screen.
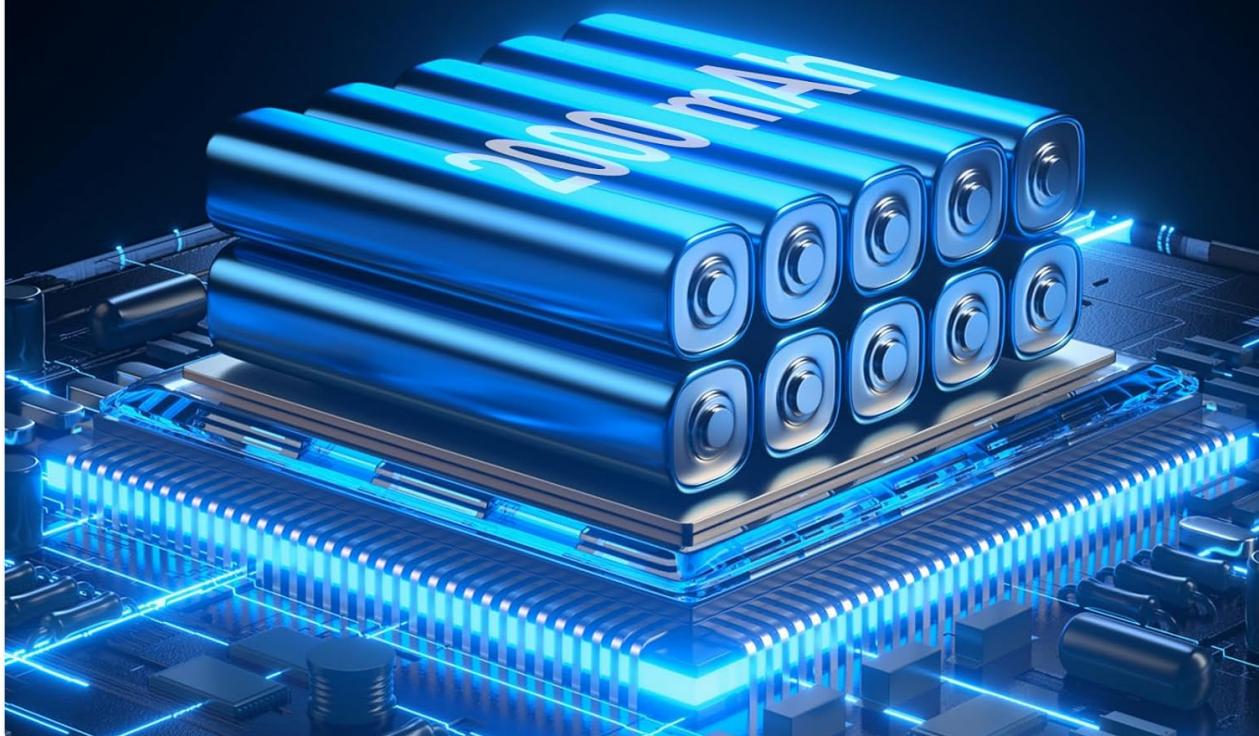
Image: Illustration of the Gedsffati PT06's battery features, including its 2000mAh capacity, sleep mode for energy saving, and Type-C charging capability.

7. DATA RECORDING

The Gedsffati PT06 supports CO data recording with an SD card (not included). With a 128MB SD card, the device can store up to one year of carbon monoxide detection data. This feature is valuable for analyzing CO levels over time and assessing environmental safety.

CO DATA RECORD WITH SD CARD

With 128M sd card, we can store the last 1 year datas from detecting carbon monoxide. It is important for us to do analysis the data level and environment safety.

	A	B	C	D	E	F	G
1	Datetime	carbon monoxide					
2	2023/8/8 1:00	5					
3	2023/8/8 2:00	15					
4	2023/8/8 3:00	16					
5	2023/8/8 4:00	18					
6	2023/8/8 5:00	35					
7	2023/8/8 6:00	10					
8	2023/8/8 7:00	5					
9	2023/8/8 8:00	4					
0	2023/8/8 9:00	8					
1	2023/8/8 10:00	2					
2	2023/8/8 11:00	4					
3	2023/8/8 12:00	16					
4	2023/8/8 13:00	57					
5	2023/8/8 14:00	64					
6	2023/8/8 15:00	87					
7	2023/8/8 16:00	112					
8	2023/8/8 17:00	80					
9	2023/8/8 18:00	67					

128MB micro SD

CO 0000 PPM
988 hPa   229 ft
Temperature   Humidity
23°F   64%
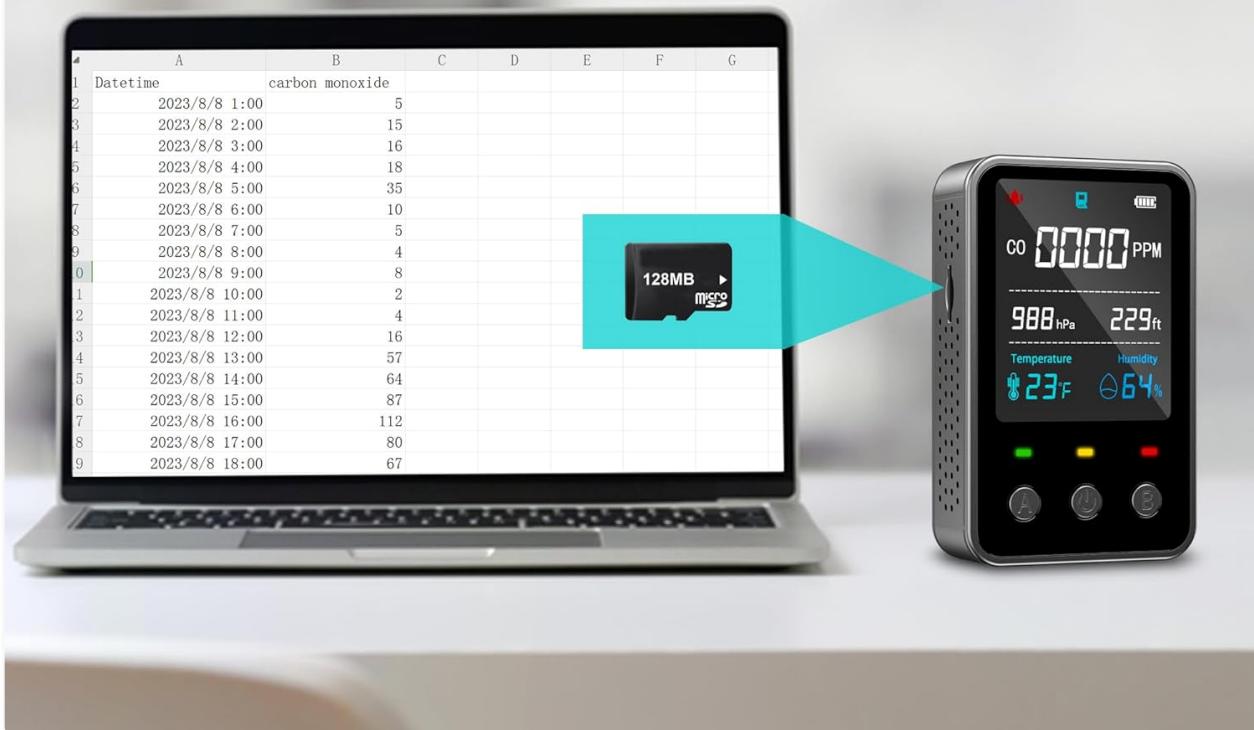
Image: The Gedsffati PT06 demonstrating its capability to record CO data to an SD card, with an example of data displayed on a laptop spreadsheet.

8. TROUBLESHOOTING

If you encounter issues with your Gedsffati PT06 detector, consider the following:

- **Device not powering on:** Ensure the device is fully charged. Connect it to a power source using the USB cable and allow it to charge for at least 30 minutes before attempting to power on again.
- **Inaccurate readings:** Ensure the sensor area is not obstructed. Avoid placing the device in areas with extreme temperatures, high humidity, or near strong chemical fumes, as these can affect sensor performance.
- **Alarm not sounding:** Check if the device is powered on and if the CO concentration exceeds the alarm thresholds. Ensure the speaker is not obstructed.
- **Screen backlight off:** This is normal behavior for standby mode. Press any button to reactivate the screen.

For persistent issues, please refer to the warranty and support section.

9. SPECIFICATIONS

Feature	Specification
Model	PT06
Carbon Monoxide Measurement Range	0-999 ppm (±5 ppm)
Temperature Measurement Range	-10°C to 50°C (±2%)
Humidity Measurement Range	0% to 95% RH (±2% RH)
Warm-up Time	35 seconds
Data Refresh Frequency	2 seconds
Power Supply	Built-in 2000mAh Lithium Battery
Charging Input	DC 5V/1A
Product Dimensions	90 x 55 x 17 mm (3.54 x 2.17 x 0.67 inches)
Item Weight	65g (2.29 oz)
Material	ABS plastic
Manufacturer	Shenzhen Prodo Technology Co., Ltd.
UPC	758321309837

10. SAFETY INFORMATION

Carbon monoxide (CO) is a colorless, odorless, and tasteless gas that can be deadly. Always follow these safety guidelines:

- This device is intended as a supplementary safety tool and should not replace proper ventilation or regular maintenance of fuel-burning appliances.
- Do not block the sensor vents on the device.
- Keep the device away from direct sunlight, extreme temperatures, and high humidity.
- If the alarm sounds, immediately move to fresh air, call emergency services, and do not re-enter the area until it has been deemed safe by professionals.
- Regularly test the device according to manufacturer recommendations (if applicable, not specified in provided data).

11. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact the manufacturer, Shenzhen Prodo Technology Co., Ltd., or your point of purchase. Keep your purchase receipt as proof of purchase.

Related Documents - PT06

	[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.
	[Gedsffati HD08-G Combined Gas & Carbon Monoxide Detector User Manual](#)
	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.
	[Gedsffati HD11-CG Combined Gas and Carbon Monoxide Detector User Manual](#)
	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.
	[Gedsffati HD11-CGS Combined Smoke, Combustible Gas, and Carbon Monoxide Detector User Manual](#)
	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.
	[Gedsffati PTH-24E Combined Gas and Carbon Monoxide Detector User Manual](#)
	User manual for the Gedsffati 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.
	[PTH-24E Combined Gas and Carbon Monoxide Detector User Manual](#)
	User manual for the Gedsffati PTH-24E, a combined combustible gas and carbon monoxide detector. Learn about its features, functions, alarm indicators, technical specifications, and safety precautions.

Documents - Gedsffati – PT06
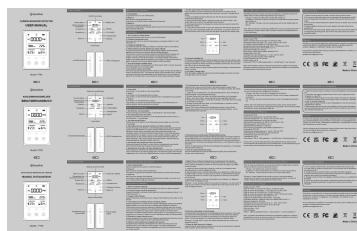
[GEDSITABI Carbon Monoxide Detector User Manual](#)
User manual for the GEDSITABI Carbon Monoxide Detector (Model: PT06), providing instructions on operation, features, alarms, specifications, and safety precautions in multiple languages.
lang:en score:36 filesize: 1.99 M page_count: 2 document date: 2024-05-27