Hutehoute HTKQTCQ001

Hutehoute Portable CO2 Detector

Model: HTKQTCQ001

Instruction Manual

Introduction

The Hutehoute Portable CO2 Detector (Model HTKQTCQ001) is a versatile 4-in-1 device designed to monitor carbon monoxide (CO), natural gas (methane/propane), temperature, and humidity. This compact detector provides real-time readings and alerts, ensuring safety in various environments such as homes, vehicles, RVs, and camping sites. Its magnetic back and long-lasting rechargeable battery offer convenient and reliable protection.

What's in the Box

- 1 × Gas Detector
- 1 × Type-C Charging Cable
- 1 × Magnetic Lanyard
- 1 × User Manual

Product Features

- **4-in-1 Detection:** Monitors Carbon Monoxide (CO), Natural Gas (Methane/Propane), Temperature, and Humidity.
- **High-Precision Sensors:** Advanced electrochemical sensor for CO (0–1000ppm, 0.5s refresh rate) and natural gas (alarm at 10% LEL).
- **Clear Display:** 2.8-inch color LCD shows real-time data.
- **Audible & Visual Alerts:** 85dB alarm and flashing red light with a three-color indicator (green/yellow/red) for immediate feedback.
- **Portable Design:** Compact (105g) with a magnetic back for easy attachment to metal surfaces.
- **Long Battery Life:** 2000mAh rechargeable battery provides up to 300 hours of standby time.
- **Type-C Charging:** Convenient and fast charging.
- **Integrated Flashlight:** For added utility in low-light conditions.

Setup

1. **Initial Charge:** Fully recharge the device using the provided Type-C charging cable before its first use. Connect the cable to the device and a compatible USB power source. The battery indicator on the display will show charging status.
2. **Power On:** Press and hold the power button until the display illuminates.
3. **Acclimatization:** For optimal performance and accurate readings, allow the detector to acclimatize for 2-3 minutes after powering on. During this time, the device calibrates its sensors to the ambient environment.
4. **Placement:** Position the detector in the desired monitoring area. Utilize the magnetic back to attach it to any suitable metal surface, or use the magnetic lanyard for hanging. Ensure the display is visible and the alarm is audible.



Image: The Hutehoute CO2 Detector connected to a Type-C charging cable, illustrating its charging capability in a vehicle.

Operating Instructions

1. **Power On/Off:** Press and hold the power button to turn the device on or off.
2. **Monitoring:** Once powered on and acclimatized, the device will continuously monitor CO, natural gas, temperature, and humidity. Readings are displayed in real-time on the 2.8-inch color LCD.
3. **Display Information:** The screen shows CO levels in PPM, natural gas status (if detected), temperature in °C or °F, humidity in %RH, and battery level.
4. **Alarm Activation:** If dangerous levels of CO or natural gas are detected, the device will trigger a loud 85dB audible alarm and a flashing red light. The screen's background color will also change (e.g., to red for high alert).
5. **Flashlight Function:** Press the designated button (if available, typically indicated by a light icon) to activate or deactivate the built-in flashlight.



Image: Close-up of the detector's screen displaying a CO reading of 150 PPM, along with humidity and temperature, and an activated red alert light, indicating a potential hazard.



Image: The Hutehoute CO2 Detector with its flashlight active, attached to a backpack, demonstrating its utility in a dark outdoor environment.

Maintenance

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Charging:** Recharge the battery when the low battery indicator appears on the display. Use only the provided Type-C cable or a compatible charger.
- **Storage:** Store the detector in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Avoid Immersion:** Do not immerse the device in water or any other liquids.
- **No Disassembly:** Do not attempt to disassemble or repair the device yourself. This will void the warranty and may cause damage or malfunction.

Troubleshooting

- **Device Not Turning On:** Ensure the battery is fully charged. Connect to a power source and try again.
- **Inaccurate Readings:** Allow the device to acclimatize for 2-3 minutes after powering on. Ensure it is not exposed to extreme temperatures or humidity immediately after startup.
- **Alarm Sounds:** If the CO or natural gas alarm sounds, immediately ventilate the area by opening windows and doors. Evacuate the premises if necessary and contact emergency services or a qualified technician to investigate the source of the gas leak. Do not re-enter until the area is confirmed safe.
- **Display Issues:** If the display is dim or unresponsive, try recharging the device. If the issue persists, contact customer support.

Specifications

Gas Detected	Carbon Monoxide (0–1000ppm), Natural Gas (Methane/Propane, alarm at 10% LEL)
Additional Sensors	Temperature (–10 60°C), Humidity (0–99% RH)
Display	2.8-inch Color LCD
Alarm	85dB Audible + Flashing Red Light
Battery	2000mAh Rechargeable, Type-C Charging
Standby Time	Up to 300 hours
Dimensions	3.11 x 2.17 x 5.16 inches
Weight	170g
Color	Black
Model Number	HTKQTCQ001

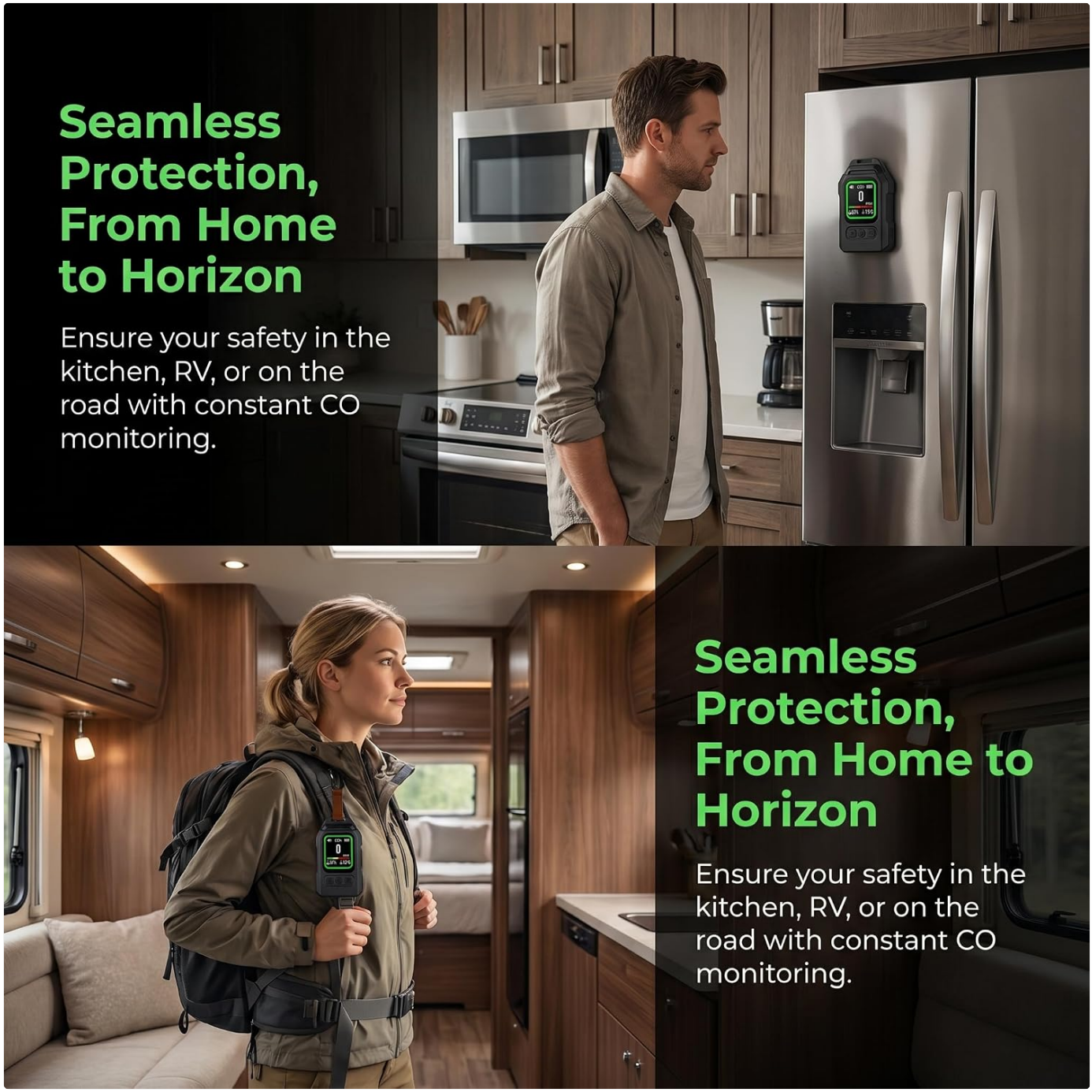


Image: The Hutehoute CO2 Detector magnetically attached to a refrigerator in a modern kitchen, demonstrating its versatile placement.



Image: The Hutehoute CO2 Detector attached to a metal surface in a workshop environment, highlighting its magnetic mounting capability.

Important Notes

- For best performance, allow the detector to acclimatize for 2-3 minutes after powering on.
- The natural gas sensor is designed for leak detection; avoid direct exposure to high concentrations of gas.
- Recharge fully before first use.
- Do not disassemble or immerse the device in water.

Warranty and Support

Hutehoute stands behind its product. Your purchase is covered by our after-sales service. Our service team is committed to responding to your inquiries within 24 hours. For assistance with fitting, sealing, performance, or any other concerns, please contact our customer support. Your satisfaction is our priority.
For support, please refer to the contact information provided in the packaging or on the official Hutehoute website.

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

Anonymous

Email

you@example.com

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