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MOES B0CQMYR7TG

MOES Portable Carbon Monoxide Detector User Manual

Model: B0CQMYR7TG

Brand: MOES

1. Introduction and Overview

The MOES Portable Carbon Monoxide Detector is a compact and versatile 3-in-1 device designed to monitor carbon monoxide (CO) concentration, temperature, and humidity. It features a real-time display, audible and light alarms, and a long-lasting rechargeable battery, making it suitable for various indoor and outdoor environments such as camping, RVs, cars, and homes.

This manual provides essential information for the safe and effective operation of your MOES Carbon Monoxide Detector. Please read it thoroughly before use.



Figure 1: MOES Portable Carbon Monoxide Detector (Orange model)

2. Package Contents

Verify that all items are present in the package:

- MOES Portable Carbon Monoxide Detector (Orange)
- Type-C Charging Cable
- Instruction Manual
- Lanyard with Carabiner



Figure 2: Internal components of the detector, highlighting the high-precision catalytic combustion sensor.

3. Setup and Charging

Before first use, fully charge the device using the provided Type-C cable. The built-in 1000 mAh battery provides up to 144 hours of working time on a single charge. The device supports fast charging with a 10-65W power adapter (not included).

1. Connect the Type-C charging cable to the detector's charging port.
2. Connect the other end of the cable to a compatible USB power adapter (e.g., phone charger, power bank).
3. The battery indicator on the display will show charging status. A full charge typically takes about 1 hour with a fast charging adapter.

Placement Options: The detector is designed for versatile placement.

- **Magnetic:** Attach to metal surfaces like refrigerators or vehicle interiors using the built-in magnet.
- **Standing:** Place on any flat surface using its stable flat bottom.

- **Hanging:** Use the strong lanyard and carabiner to hang it on walls, backpacks, tents, or RVs.



Figure 3: Versatile placement options for the detector.

4. Operating Instructions

The MOES Carbon Monoxide Detector is designed for simple operation.

4.1 Power On/Off

- **To Power On/Off:** Long press the function button. The display will illuminate upon powering on.

4.2 Display Information

The digital display provides real-time readings:

- **CO ppm:** Carbon Monoxide concentration in parts per million.
- **Temperature:** Current ambient temperature (switchable between °F and °C).

- **Humidity:** Current relative humidity (RH%).
- **Battery Indicator:** Shows remaining battery life.



Figure 4: Understanding the display and alarm levels.

4.3 Switching Temperature Units (°F/°C)

- **To Switch Units:** Short press the function button. The temperature unit will toggle between Fahrenheit (°F) and Celsius (°C).

4.4 Customizing Sound Alarm Value

The default CO sound alarm range is 50 ppm. You can customize this value:

1. **Enter Setting Mode:** Double-click the function button. The display will show a customizable digit.
2. **Adjust Value:** Press the function button to adjust the single digit.
3. **Confirm Digit:** Long press the function button to confirm the current digit and move to the next (tens, hundreds).
4. Repeat to set the desired alarm value.

Note: If there is no keystroke operation within 5 minutes in setting mode, the device automatically enters power-saving mode. Press the function button to wake it up.

4.5 Alarm Indications

The detector provides both voice and light alarms:

- **CO: 0-49 ppm:** Green area flashes, indicating low CO concentration (Safe).
- **CO: 50-99 ppm:** Yellow area flashes, indicating warning level with alarm sound (Low-Frequency Alarm).
- **CO: >100 ppm:** Red area flashes, indicating dangerous level with alarm sound (High-Frequency Alarm).

The alarm sound is high-decibel (80dB) to ensure clear notification.



Figure 5: Examples of suitable environments for detector use.

4.6 Official Product Video

For a visual guide on how to use your MOES Portable CO Detector, please watch the official video below:

Your browser does not support the video tag.

Video 1: How to use MOES Portable CO Detector. This video demonstrates the unboxing, power on/off, temperature unit switching, and alarm value customization of the device.

5. Maintenance

Proper maintenance ensures the longevity and accuracy of your detector.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Battery Care:** Recharge the battery when the low battery warning appears. Avoid fully depleting the battery for prolonged periods.
- **Sensor Protection:** Do not block the sensor openings. Keep the device away from dust, dirt, and excessive moisture.

6. Troubleshooting

If you encounter issues with your MOES Carbon Monoxide Detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery or not charged.	Charge the device fully using the Type-C cable. Ensure the charging cable and adapter are working.
Alarm sounds frequently without apparent CO source.	High humidity, dust, or other interfering gases. Sensor malfunction.	Move the detector to a well-ventilated area. Clean the sensor area. If the problem persists, contact customer support.
Display is dim or unresponsive.	Power-saving mode or low battery.	Press the function button to wake up the device. Recharge the battery.
Inaccurate temperature/humidity readings.	Device placed in direct sunlight or near heat/moisture sources.	Relocate the detector to an area with stable ambient conditions.

If the issue is not resolved by the above steps, please contact MOES customer support.

7. Specifications

Feature	Detail
Brand	MOES
Model	B0CQMYR7TG
Power Source	Battery Powered (1000 mAh Lithium Polymer)
Battery Life	Up to 144 hours
Charging Port	Type-C (supports 10-65W fast charging)

Feature	Detail
CO Range	0-1000 ppm
CO Sound Alarm Range	Default: 50 ppm (customizable)
Temperature Range	-10°C to 50°C (14°F to 122°F) ±1.5°C (±2.7°F)
Humidity Range	0% to 95% RH (±5%)
Sensor Type	Electrochemical
Alarm Type	Audible (80dB) and Visual (color-coded display)
Material	Plastic
Dimensions	75mm x 69mm x 30mm (2.95 x 2.72 x 1.18 inches)
Weight	Approx. 100 grams (5 ounces)



Figure 6: Compact and portable design with dimensions.

8. Warranty and Support

MOES products are designed and manufactured to the highest quality standards. For warranty information, technical support, or any inquiries regarding your product, please refer to the contact information provided on the product packaging or visit the official MOES website.

Please retain your proof of purchase for warranty claims.

Manufacturer: Protech International Group Co, Ltd

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