Instruction Manual



24-05-V1-1209B

Protect Your Air

It is a mini carbon monoxide detector that uses advanced sensor technology to quickly and accurately detect the concentration of carbon monoxide in the air. It does not require complex operating steps, just gently press the power button to start working. Real time display of carbon monoxide concentration, temperature, and humidity values, allowing you to have a clear understanding of the current air quality situation. This carbon monoxide detector can play an important role in heating homes in winter, kitchens using gas equipment, enclosed garages, boiler rooms, chemical workshops in industrial production, tents for outdoor exploration and camping, and other places. It is your powerful assistant in preventing carbon monoxide poisoning, making your living and working environment safer and healthier. Once exceeding the standard is detected, the instrument will immediately sound an alarm, allowing you to take immediate measures to avoid danger.



1	Alarm
2	Battery
3	CO
4	Temperature
5	Humidity

6	CO level
7	Power Button
8	Air Inlet
9	Type-C Charging Port

How To Use

Turn On / Off

a) In power-on state, long-press **Power Button** to turn off the device.

b) In shutdown state, single-press **Power Button** to turn on the device.

Note : If you can't turn on the device, please plug in and charge it for a while first.

CO Range (ppm)

CO Detection Range : 0-500ppm

	Green Color (Good)	Orange Color (Slight)	Red Color (Serious)
CO	0-100ppm	101-200ppm	201-500ppm

CO Alarm

a) CO alarm value is 100ppm.

b) Single-press **Power Button** to turn on/off the CO alarm sound.

Temperature Unit

a) Double-press **Power Button** to switch the temperature unit between Celcius(°C) and Fahrenheit(°F).

Charging

When low battery icon is displayed, the device needs to be charged. Insert the included or another compatible Type-C charging cable into the device. Attach the other end to a USB DC charger (such as a smartphone charger) that outputs DC 5V at >=1000mA. Fully charge for at least 2-3 hours before use. Avoid charging with a USB computer port which only outputs 500mA.

Parameter

	Measurement Range	Measurement Method	Resolution	Measurement Accuracy
CO	0 - 500 ppm	Electrochemistry	1 ppm	+10%
Temperature	-10°C - 50°C (14°F - 122°F)	Semiconductor	1°C (1.8°F)	±1°C (±1.8°F)
Humidity	20% - 85%	Semiconductor	1%	±4%

Tips

Tip 1: Strange Readings? Do This:

1. Turn the device off for some time and then turn it back on again (effectively allowing the monitor to reset). After continuous use for extended periods, the device may simply need to be reset.
2. Open a window or bring the device outdoors to allow the sensor to exhaust any accumulated fumes and to allow the readings to adjust back down to more normal levels.

Tip 2: Not Using It? Turn It Off:

For the most consistently accurate readings and longest product life, it is recommended to turn the monitor off while it is not in use. This will preserve the battery, sensor, and fan.

Tip 3: Open A Window:

Often the quickest and most practical way to get readings back into the desired range is to simply open a window to ventilate more clean outdoor air into your home. This obviously does not apply if you are located in a Wildfire area or any other area with compromised outdoor air quality.

Considerations & Precautions

- **Sampling Frequency:**

  The sampling frequency of the monitor is 1.5 seconds. This means that the monitor is providing you with updated readings every 1-2 seconds. Please note that, in order to provide constantly-updated, real-time readings, it contains a continuously running mini fan which gives off a very slight buzzing sound.

- Upon turning off the monitor, you will see a brief " Power Off " appear on the screen. This is normal. This is not an error message.

- This air monitor should be used indoors and kept dry at all times. It is strongly recommended to store in a cool the dry place.

- **DO NOT** expose to sunlight or use in an extremely polluted, dusty, or smoky environment for prolonged periods as doing so may damage the sensors over time.

- **DO NOT** cover the air intake areas during use to avoid inaccurate measurements.

- **DO NOT** use chemicals or solvents to clean the product as residual fumes will skew air quality readings.

- **DO NOT** put water or other liquids on or near the product to avoid electrical damage.

- **DO NOT** allow unauthorized modification or repair of this product.

- **DO NOT** take apart or disassemble this monitor. Doing so may damage the product and will invalidate the warranty.

Product Specifications

Item	Carbon monoxide tester
Product Size	70*70*28mm
Product Weight	81g (2.86 oz)
Display Method	LCD Screen
Measuring Item	CO, Temperature, Humidity
Detection Method for CO	Electrochemistry
Concentration Unit for CO	ppm
CO Measuring Range	0-500 ppm
Atmospheric Pressure	12.5 PSI - 15.4 PSI
Sampling Time	1.5 Seconds
Temperature Range	-10°C - 50°C (14°F - 122°F)
Storage Temperature	-10°C - 60°C (14°F - 140°F)
Relative Humidity	20%-85%
Humidity Range	20%-85%
Power Source	800 mAh Rechargeable Lithium Battery. 5V DC Power Charging via Type-C Port

Warning:

While this product can reduce your risk of harm by increasing your awareness of air quality, it can in no way guarantee your health or safety. Please instead take a comprehensive approach to living healthy and do not depend on this monitor alone to improve your health or save your life.

Legal Disclaimer:

The use or misuse of this monitor is conditioned upon the user's agreement that in no event shall the manufacturer, importer, reseller, or distributor of this monitor be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, whatsoever arising out of or connected with the use of this monitor.

Product List

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