

# Air Quality Monitor

## Instruction Manual



23-06-V1-162C

### PROTECT YOUR AIR

The CO2 Monitor is an advanced, multifunctional CO2 monitor that combines high-quality air sensors to allow real-time monitoring of carbon dioxide (CO2), temperature and humidity and on its digital LCD display.



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### HOW TO USE

#### START UP

Press and hold the **Power Button** to turn the device on/off

**Note:** If your CO2 monitor does not turn on, please plug it in first and allow it some time to charge.

#### SETTING

a. Press **Left Button** and **Right Button** to enter the history interface of CO2 TEMP / HUM, each press will switch the interface ( Picture 1 / Picture 2 / Picture 3 ) .

b. Double click **Power Button** to enter the setting interface, the background color of the first parameter is blue ( Picture 4 ) , click on **Power Button** again, the background color will turn red ( Picture 5 ). Next click **Left Button** and **Right Button** to select the options and then click **Power Button** again to confirm setting. Then click **Left Button** and **Right Button** to move to the other parameter settings.

c. Set the next parameter again according to step b

d. After setting all the parameters, click **Left Button** and **Right Button** continuously to exit the setting interface

e. There are several parameters can be set in the interface the details as below:

**TEMP Unit :** °C, °F

**Language:** English, Chinese

**Alarm set:** Close, Open

**Alarm switch:** 800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400

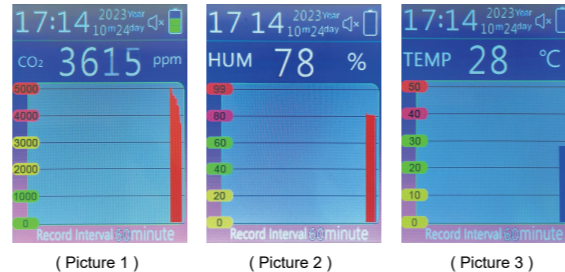
**Record Time:** 60min, 30min, 10min, 05min, 01min, 30sec, 10sec, 05sec, 01sec

**Screen Brightness:** Auto, 25%, 50%, 75%, 100%

**Date and time:** year, month, day, hour, min, sec

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### Picture 1-5



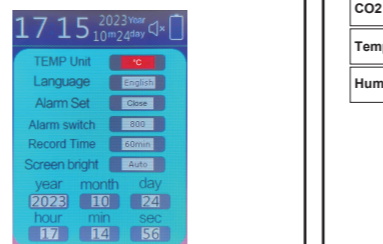
( Picture 1 )

( Picture 2 )

( Picture 3 )



( Picture 4 )



( Picture 5 )

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### CHARGING

Please use any cell phone or other power adapter that outputs at >=1000mA (the output is directly stated on the adapter).

Please avoid charging with a USB computer port which only outputs 500mA.

It is recommended to fully charge for at least 2 - 3 hours before use for the longest battery life.

#### PARAMETERS

	Measurement Range	Measurement Method	Resolution	Measurement Accuracy
CO2	400 - 5000 PPM	Infrared (NDIR)	1 PPM	± 50 PPM or 5%
Temperature	-10°C - 50°C 14°F - 122°F	Semiconductor	1°C	± 2°C
Humidity	20% - 85%	Semiconductor	1%	± 4%

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### Tips

#### Tip 1: Strange Readings? Do This:

1. Turn the device off for some time and then turn it on 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 CO2 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 CO2 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.

#### Tip 4: Cooking Impacts Air Quality:

Cooking often releases increased amounts of unhealthy pollutants into the air including but not limited to CO2, PM2.5 and 10, and VOCs. Furthermore, how and what you cook determines the types of pollutants which will be released into the air.

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### CONSIDERATIONS & PRECAUTIONS

#### • Sampling Frequency:

The sampling frequency of the CO2 monitor is 1.5 seconds. This means that your CO2 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 CO2 monitor, you will see a brief "H-03" appear on the screen. This is normal. This is not an error message.

• This air CO2 monitor is meant to be used indoors and kept dry at all times. It is strongly recommended to store in a cool, 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.

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### PRODUCT SPECIFICATIONS

Item	CO2 Monitor
Display Method	LCD Screen Display
Power Source	2000mAh Rechargeable Lithium-Ion Battery
Charging Input	AC 100-240V,5V Micro Type-C Connection
Concentration Unit CO2	PPM
CO2 Measuring Range	400-5000PPM
Product Size	169*75*26 MM
Product Weight	125g
Atmospheric Pressure	12.5 PSI- 15.4 PSI
Frequency Range	50Hz- 8.5kHz
Sampling Time	1.5 Seconds
Temperature Unit	Celsius (°C) / Fahrenheit (°F)
Temperature Range	-10°C-50°C(14°F-140°F)
Storage Temperature	-10°C-50°C(14°F-140°F)
Relative Humidity	20% - 85%
Humidity Range	20% - 85%
Features	Adjust Brightness. Adjust Language. CO2 Alarm Sound On/Off. CO2 Alarm Value 1000PPM. Adjust Alarm Threshold 1000-2000PPM

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### 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 CO2 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 carbon dioxide monitor.

### Product List

Air Quality Monitor	x 1
Type-C Charging Cable	x 1
Product Manual	x 1

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