

Air Quality Monitor Instruction Manual



22-12-V1-72H

Product Specifications

Display method:
LED Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO₂ : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size: 145 x 78 x 97.2mm
Detection temperature: -10°C to 50°C;
Relative humidity: 20% - 85%
Storage temperature: -10°C to 60°C;
Concentration unit for CO₂:PPM
Power source: Lithium battery with 3000 mAh capacity;
5V DC power charging via micro USB port
Product weight: 225g

Product Description

This product is an air quality monitor that detects Carbon dioxide (CO₂), Temperature, and Humidity. It combines sensors for real-time monitoring of Carbon dioxide (CO₂), temperature, and humidity on its display.

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Considerations

Please read the instructions carefully before using this device.
Please let the device work short mins outdoors before use for most accurate results.
Please keep the manual handy for quick reference and troubleshooting.

Precautions

Avoid covering the air intake areas during use to avoid inaccurate measurements.
Avoid use of solvents to clean the product as residual fumes will skew air quality readings.
Avoid water or other liquids near the product to avoid electrical damage.
Do not allow unauthorized modification or repair of this product.

Features:

- LED Screen display
- Test variables: Carbon dioxide (CO₂), temperature, humidity
- Large 3000mAh capacity Lithium battery
- 5V Micro USB charging
- Low battery warning

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Instructions

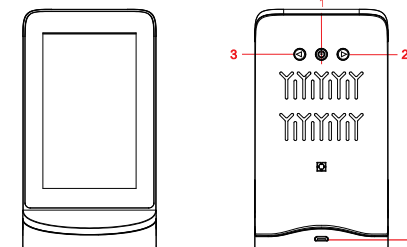
1. Start Up

When you long the power button, the air quality monitor will boot up.



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2. Key functions and settings



- 1) Power (on/off) / OK
- 2) CO₂ alarm up increase button
- 3) CO₂ alarm down decrease button
- 4) Micro USB charging Port.

1. Long press the power button to turn on/off the device
2. Adjustment alarm level;

- a) Fast Single-press power button for two times, the CO₂ value will flashing.
- b) Single-press button 2 to increase the alarm value, can increase 100ppm each time, can set up to 2000ppm.
- c) Single-press button 3 to decrease the alarm value, can decrease 100ppm each time, can set down to 800ppm.
- d) Single-press power button to confirm alarm value setting.

3. Long press 3 button to turn on/off alarm sound

4. Calibrate outdoors or in a well-ventilated place: when the CO₂ value drops to the lowest 413 state, press and hold the 2 button until CO₂ value flashes, the flashes will stop automatically and finish calibration after flashing lasts for 5 minutes. (the CO₂ device can't be turned off during calibration)

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3. Data display formats



CO ₂ air quality grade range		
Air quality level	CO ₂ average standard value (PPM)	Color
Good	400-1000	Green
Ok	1001-2000	Orange
Poor	2001-5000	Red

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4. About Charging

When low battery icon is displayed, the device needs to be charged.
Insert the included or another compatible micro USB charging cable into the device.
Attach the other end to a USB DC charger (such as a smart phone 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.

5. Parameters

CO₂ technical indicators

Measuring range: 400-5000PPM Sensor for CO₂ : Infrared (NDIR)
Resolution: 1 PPM

Temperature and humidity technical indicators

Measuring range: -10-50 °C Measurement accuracy: ±1 °C
Humidity range: 20%-85% RH Measurement accuracy: ±4% RH

Product List

Air Quality monitor	x 1
Micro USB charging cable	x 1
Product Manual	x 1

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