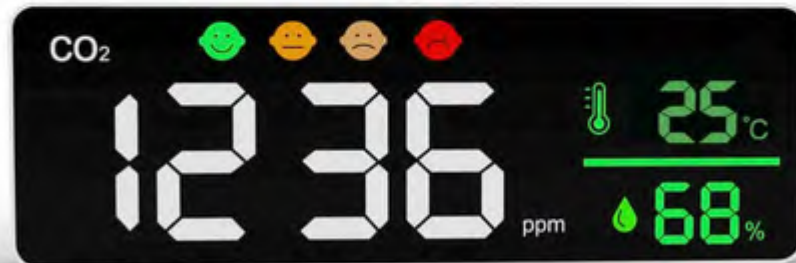


Air Quality Monitor Instruction Manual



Product Specifications

Display method:

LCD Screen display

Atmospheric pressure: 86Kpa - 106Kpa

Detection method for CO2 : Infrared (NDIR)

Sampling time: 1.5 seconds

Product Size:270*90*35mm

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 2000 mAh capacity;

5V DC power charging

Product weight: 276g

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.

Considerations

Please read the instructions carefully before using this device.

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:

- Large screen LED display
- Support real-time testing of the concentration of CO2 air
- Support CO2 exceeding alarm
- Large 2000mAh capacity Lithium battery
- CO2 alarm threshold can be set
- Adjustable LED brightness

CO2 indicator:

- Green: 400ppm to 1000ppm
- Orange: 1001ppm to 2000ppm
- Yellow: 2001ppm to 3000ppm
- Red: 30001ppm to 5000ppm

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Key operation



- 1) Turn ON/OFF button, Press or click to turn on/off
- 2) Up button, click to adjust
- 3) Down button, click to adjust
- 4) Set button, press or click to enter setting
- 5) DC adapter input port
- 6) LED display

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Adjust LED brightness;

After turn on, the device auto access the interface which can show CO2 current value, temperature and humidity. In this state, press up button to increase LED brightness; Press down button to decrease LED brightness.(with 6 level for brightness)

Set CO2 alarm threshold;

After turn on, the device auto access the interface which can show CO2 current value, temperature and humidity. In this state, when you press set button, the digits of CO2 would flash, then you can press up button to increase CO2 alarm threshold, or press down button to decrease CO2 alarm threshold.(CO2 alarm threshold can be set to 800ppm, 900ppm, 1000ppm, 1100ppm, 1200ppm, 1300ppm, 1400ppm, 1500ppm, 1600ppm, 1700ppm, 1800ppm, 1900ppm, 2000ppm). After set well CO2 alarm threshold, press set button to finish.

After you set CO2 alarm threshold well, when Current CO2 value more the CO2 alarm threshold, the device would be beep sound.(For example, you set CO2 alarm threshold to 800ppm, once current CO2 value more than 800ppm, you would hear beep sound)

5**Installation Notes**

- 1)The positioning sticker is attached to the position to be installed.
- 2)Punch a 6mm hole at the 2 marked positions of the positioning sticker and drive the rubber plug into the wall.
- 3)Drive in the screws, and pay attention to about 4mm exposed. Then hang the CO2 meter up.
- 4) Connect one end of the USB cable to the USB power adapter, and the other end (round connector) to the power input port on the side of the device(input voltage : DC5V 1000mA)

Working method

Under normal working conditions, don't do any settings, just plug USB port to the power adapter and the DC round head into the device. You can test the current CO2 value and temperature and humidity in real time. (Factory CO2 alarm threshold is 1000PPM)

Automatic calibration

During the first use, please Turn on device and keep more than 24 hours, the device will automatically calibrate. (Do not power off and restart halfway when calibration)

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Technical parameter

- 1) Input voltage: DC5V 1000mA
- 2) CO2 test measurement range: 400ppm-5000ppm
- 3) CO2 test accuracy:
- 4) 400~1000ppm, deviation: ± 50 ppm;
- 5) above 1000ppm, deviation : $\pm 5\%$
- 6) CO2 display resolution: 1ppm
- 7) Temperature measurement range: $-10.0^{\circ}\text{C}\sim+50.0^{\circ}\text{C}$
- 8) Temperature accuracy: $\pm 1.0^{\circ}\text{C}$ ($0^{\circ}\text{C}\sim40^{\circ}\text{C}$)
- 9) Humidity measurement range: 20%~85%
- 10) Humidity accuracy: $\pm 5\%$

Product List

Device*1

Manual *1

Positioning sticker *1

USB cable *1

Screw *2

Rubber stopper *2

