

Decibel& air detector Instruction Manual



22-04-V1-165

Product Specifications

Display method:
LED Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO2 : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size:270*118*35mm
Detection temperature: -10°C to 50°C;
Relative humidity: 20% - 85%
Storage temperature: -10°C to 60°C;
Concentration unit for CO2:PPM
Concentration unit for Decibel :dB
Detection method for Decibel Condenser microphone
Power source: Lithium battery with 2000 mAh capacity;
5V DC power charging
Product weight: 350g

Product Description

This product is an air quality monitor that detects Carbon dioxide (CO2),Decibel, Temperature, and Humidity. it combines sensors real-time monitoring of Carbon dioxide (CO2), Decibel,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.

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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
- Large 2000mAh capacity Lithium battery
- Adjustable LED brightness
- Decibel detection

CO2 indicator

1. Green: 400~1000ppm
2. Orange: 1001~2000ppm
3. Red: 2001~5000ppm

Decibel indicator

- | | |
|-------------------|----------|
| 1. Less than 55dB | 1 green |
| 2. 55 ~ 65dB | 2 green |
| 3. 65~75dB | 1 orange |
| 4. 75~85dB | 2 orange |
| 5. 85~95dB | 1 red |
| 6. More than 95dB | 2 red |

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Key operation



- 1.Power button, Press to turn on/off
- 2.Up button, press to rise brightness
- 3.Down button, press to down brightness
- 4.Set button, Press to switch reading speed of decibel data(fast or slow)
- 5.DC adapter input port
- 6.LED display

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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 1A/2A)

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.

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:
400~1000ppm, deviation: +/- 50ppm;
above 1000ppm, deviation : +/- 5%
- 4) CO2 display resolution: 1ppm
- 5) Temperature measurement range: -10.0°C~+50.0°C
- 6) Temperature accuracy: +/- 1.0°C (0°C~40°C)
- 7) Humidity measurement range: 20%~85%Humidity
- 8) accuracy: +/- 5%
- 9) Specification for Decibel:
Measuring range: 30~130dB Accuracy:±1.5dB
Frequency range:50Hz ~8.5kHz Resolution: 0.1dB

Product List

Device*1
Manual *1
Positioning sticker *1
USB cable *1
Screw *2
Rubber stopper *2



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