Air Quality Monitor Instructiont Manual



Product Specifications

Display method:
Large Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO2 : Infrared (NDIR)
Detection method for PM: laser scattering
Sampling time: 1.5 seconds
Product Size:365*230*40mm
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 PM: ug/m3
Product weight: 950g

Product Description

This product is an air quality monitor that detects Carbon dioxide (CO2),Particulate Matter (PM2.5),Temperature and Humidity. it combines sensors real-time monitoring of Carbon dioxide (CO2), PM2.5,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 modifica tion or repair of this product.

Features:

-Large screen display
-Support Test variables:Carbon dioxide(CO2),PM2.5, Temperature and Humidity
-Support CO2 exceeding alarm
-CO2 alarm threshold can be set
-Adjustable LED brightness

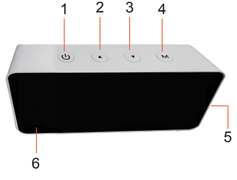
CO2 indicator:

Green: 400ppm to 1000ppm
Yellow: 1001ppm to 2000ppm
Red: 2001ppm to 5000ppm

PM2.5 indicator:

Green: 0~74 ug/m³
Yellow: 75~299 ug/m³
Red: 300~999 ug/m³

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

Adjust LED brightness;
After turn on, the device auto access the interface which can show CO2 current value, PM2.5, temperature and humidity. In this state, press up button to increase LED brightness; Press down button to decrease LED 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 long-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.

Date and Time setting;
After set well CO2 alarm threshold, press set button to switch to date or time setting. Press up button to increase digits or press down button to decrease digits, and press set button to switch next option.

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)

Technical parameter

1) Input voltage: DC5V 1000mA
2) CO2 test measurement range: 400ppm-5000ppm
3) PM2.5 range: 0~999 ug/m3
4) CO2 test accuracy:
   400~1000ppm，deviation： +_50ppm;
   above 1000ppm, deviation : +_5%
5) CO2 display resolution: 1ppm
6) Temperature measurement range: -10.0°C~+50.0°C
7) Temperature accuracy: +/ -1.0°C (0°C~40°C)
8)Humidity measurement range: 20%~85%

Product List

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

