Air Quality Monitor Instruction Manual



Product Specifications

Display method:
LED Screen display
Atmospheric pressure: 86Kpa - 106Kpa
Detection method for CO2 : Infrared (NDIR)
Sampling time: 1.5 seconds
Product Size: 96*33 MM
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 2000mAh capacity;
5V DC power charging via micro USB port
Product weight: 150g

Product Description

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

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:

-Common Screen display
-Test variables:Carbon dioxide (CO2),temperature, humidity
-Large 2000mAh capacity Lithium battery
-5V Micro USB charging
-Low battery war ning

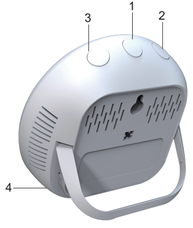
Instructions

1. Start Up

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



Product Key function description:



1) Power button, long-Press to turn on/off, single-click to swich to CO2 alarm thresold setting.

2) Left button, click to adjust

3) Right button, click to adjust

4) DC mini USB input port

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 left button to increase LED brightness;Press right 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 single-clikc power button, the digits of CO2 would flash, then you can press left button to increase CO2 alarm threshold, or press right 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)

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)

2. 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.

3.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
Humidity range: 20%-85% RH
Measurement accuracy: ±1 °C
Measurement accuracy: ±4% RH

Product List

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