

## Air Quality Monitor Instruction Manual



### Product Specifications

Display method:  
Common Screen display  
Atmospheric pressure: 86Kpa - 106Kpa  
Detection method for CO<sub>2</sub> : Infrared (NDIR)  
Sampling time: 1.5 seconds  
Product Size:70\*80\*35mm  
Detection temperature: -10°C to 50°C;  
Relative humidity: 20% - 85%  
Storage temperature: -10°C to 60°C;  
Concentration unit for CO<sub>2</sub>:PPM  
Power source: Lithium battery with 1600mAh 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 (CO<sub>2</sub>), Temperature, and Humidity. it combines sensors real-time monitoring of Carbon dioxide (CO<sub>2</sub>), 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:

- Common Screen display
- Test variables:Carbon dioxide (CO<sub>2</sub>),temperature, humidity
- Large 1600mAh capacity Lithium battery
- 5V Micro USB charging
- Low battery warning

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### Instructions

#### 1. Start Up

Press power button to turn device on, and Long-press power button to turn device off.

In the boot state , Single-click power button to recycle switch the brightness of screen(with 6 levels for brightness)



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#### 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 :

##### CO<sub>2</sub> technical indicators

Measuring range: 400-5000PPM      Sensor for CO<sub>2</sub> : Infrared ( NDIR)  
Resolution: 1 PPM

| CO <sub>2</sub> range | Indicator light | Air quality |
|-----------------------|-----------------|-------------|
| 400~1000 ppm          | Green           | Good        |
| 1001~2000 ppm         | Yellow          | Normal      |
| 2001~5000 ppm         | Red             | Poor        |

##### 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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