AirRadio

AIR QUALITY MONITOR A6 INSTRUCTION

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1 Air quality monitor

Air Radio A6, air monitor series products, was designed and published by Beijing Weiguo Technology Co., Ltd. Please apply it with "Air Radio" mobile app.

Because the product function is being updated constantly,some items in this instruction may not be available to updated products.

To get the latest User Manual, please go to our website at: www.weiguopay.com

2 Features

↘ Detecting PM2.5, PM10, Temperature and Humidity. (optional parameters are CO_2, HCHO);
↘ Thin Film Transistor Liquid Crystal Display;
↘ The system supports remote upgrade;
↘ The deveice can be switched on automatically once the external power is supplied.

3 Product Over view

Network adaptation hole

Screen orientation switch key

Power button
Page turning button

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4 Button Operation

Press and hold (for more than 3 seconds): turn on / turn off the device
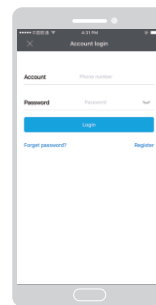Hit the button: Page turning

5 Let's Get Started to Use

1) On one hand, if the device has not connected to any router, when power on, the device enters into the network adaptation status automatically; on the other hand, if you need switch to new router, please poke the "network adaptation hole" more than 3s until the WIFI icon disappeared to enter the new network adaptation.

2) The device requires at least 48 hours of continuous run time under ventilated environment to fully calibrate.

1 Download the Mobile App(skip this step if you installed the App previously).

2 Log In
Open the App and log in your account (register firstly if you don't have an account).

★ Be sure that the current mobile device is connected to WIFI. 5G is not available.

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3 Scan the QR code on the device information page to bind the device.

4 Ready to connect to network.

5 Enter correct WIFI hotpoint name and password.

★ WiFi: No icon: Not connected to router
      : Connected to server

⚠ **Attention:**

1)If the network adaptation can not finish within a certain period, the network adaptation fails.

2)The device will re-connect to the network automatically if the network is disconnected. The WIFI Icon disappears to warm the necessity of redoing network adaptation if the re-connection can not finish within 5 minutes.

3)The data collected by the device is being uploaded to the server every 10 seconds.

6 Battery Management

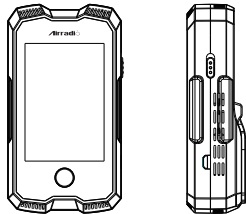1、There are two power supply methods for this device.

Internal single lithium battery

External standard power adapter

2、Charging operation will end automatically if the battery is full.

3、When the power is too low, the device shuts down automatically to prevent the battery over discharge.

4、External power adapter can charge lithium battery without boot the device.

7 Specification

• Appearance

Height: 132mm Length: 72mm Width:37mm

• Industrial Design

The external structure applies anode anti-flaming ABS engineering plastic.

• Sensors and Measurement

PM2.5 (inhalable particle)
range: 0~500 μ g/m³
precision: ±10%
resolution: 1 μ g/m³

PM10 (inhalable particle)
range: 0~500 μ g/m³
precision: ±10%
resolution: 1 μ g/m³

HCHO
Range: 0~4mg/m³
Accuracy: ±5%
Resolution: 0.01mg/m³

CO_2
Range: 0~5000ppm
Accuracy: ±(50ppm+5%Displayed value)
Resolution: 1ppm

Temperature
range: -20℃~+60℃
precision: ±2℃
resolution: 1℃

Humidity
range: 0~100%RH
precision: ±5%RH
resolution: 1%RH

• Air Quality Grade

- Good
- Moderate
- Lightly Polluted
- Moderately Polluted
- Heavily Polluted
- Severely Polluted

8 Technology Specification

Power Supply	Internal lithium battery/external standard power adapter		
Communication	WIFI		
Display	TFT screen / mobile App		
Power Adapter	5V / 1A		
Battery	Single lithium polymer battery 1800mAh		
Operation Temperature	0 ~ 50 ℃		
Monitor Range	Temperature	-20℃ ~ +60℃（±2℃)	
	Humidity	0 ~ 100%RH（±5%RH)	
	PM2.5	0 ~ 500µg/m³（±10%)	
	PM10	0 ~ 500µg/m³（±10%)	
	CO2	0~5000ppm	
	HCHO	0.00~4.00mg/m	

9 FAQ

1)No response when the button is pressed and held
A.The lithium battery has not power, connect the external power adapter to charge the battery
B.Power adapter or USB charge cord damages
C.The device damages and it needs to be returned for repairing

2)App indicates that the device is off-line
A.The device has no power supply
B.The device is not connected to WIFI
C.The WIFI module of the device damages
D.The mobile phone has no network

3)The device can not adapt to network
A.Make sure that your mobile phone is connected to network and it can surf on the internet normally
B.Make sure that the WIFI hot point name and the corresponding password is correct

4)Binding fails when adding new device
A.Not scan the device QR code correctly
B.The device is bound to other mobile phone
C.The device does not register in Weiguo Technology

10 After-sales Service

Warranty period
For a period of one year, from the original data of purchase ofthe product, Weiguo will provide free repair service to any product determined to be defective.

Warranty Coverage
This limited warranty only covers products issues caused by defects in material and workmanship during ordinary use; it does not cover product issues caused by any other reason, including but not limited to product issues due to limitations of technology, or modification to any part of the Weiguo product. This limited warranty is invalid if the factory-applied serial number has been altered or removed from the product.