



AIR QUALITY MONITOR A2 INSTRUCTION

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1 Air Quality Monitor

Air Radio A2, air monitor series products, was designed and published by Beijing Weiguo Intelligent Technology Co., Ltd.

Please use it with "Air Radio" mobile app.

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

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



2 Features

- Monitor PM2.5, CO2, formaldehyde, temperature, humidity, illumination, noise simultaneously;
- Modular design of sensor, which makes the installation and replacement easy;
- High illumination LED dot matrix Display;
- Can be controlled via mobile app;
- Support WIFI communication to check the air quality distantly by mobile app;
- Press "one button" to adapt to network, re-connect to the network automatically when disconnected;
- Notify user distantly via mobile app when gas concentration over threshold;
- Record storage and review function;
- Interact with air purifier;

3 Product Overview



Display
Button

Front



Back cover
Build-in lithium battery



Air hole

Side

4 Application Environment



Correct setting



Avoid direct exposure to sunlight



Avoid putting in humid location for a long term



Avoid being invaded by liquid

5 Application Requirement

To realize complete functions of Air Radio A2, the device should be conducted in proper condition where there is stable WIFI signal, interacted with smart phone from which users can set up family station by mobile App. Note: See "Network Adaptation Method" in the following section.

6 Attention

- Air Radio is compatible with mobile devices with Android or IOS system.
- To connect to mobile devices, Air Radio must connect to the same WIFI with mobile devices.
- The device requires at least 48 hours of continuous run time under ventilated environment to fully calibrate.

7 Operation

- When power off, press the button once to turn on the device.
- When power on, press the button to change the type of air quality parameter to display.
- When power on, press and hold the button for more than 2 seconds to turn off the device.

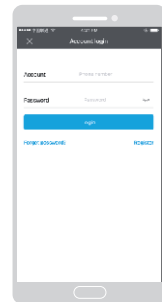
8 Let's Get Started to Use

A Scan the following QR code to download the mobile App (Skip this step if you have already downloaded the App).



http://weiguo.airradio.cn/smart/download_link_en.html

B Open the App and log in your account (register firstly if you don't have an account)

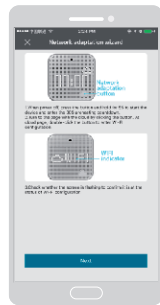


★ Be sure that the current mobile device is connected to WIFI

- C After logging in successfully, scan the QR code or type in device number to bind with the device



- D Connect the device to WIFI in the App with the guidance in the App



- E When choosing WIFI hot point, enter the name and password of the WIFI hot point you are going to connect, and touch "bind"



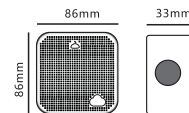
- F After finishing network connection, checking the air quality Index is available now



9 Icon Display

Large Icon	Item	Definition
	HCHO	Current formaldehyde concentration monitored
	PM2.5	Current PM2.5 concentration monitored
	CO2	Current CO2 concentration monitored
	TEMPERATURE	Current temperature monitored
	HUMIDITY	Current humidity monitored
	ILLUMINATION	Current illumination monitored
	NOISE	Current noise monitored
	WIFI	Device is in the state of network adaptation
	AC POWER	AC power supply mode
	BATTERY	Current battery percentage

10 Specification



• Appearance

Height: 86mm Length: 86mm Width: 33mm

Screen Size: Height: 36mm Width: 75mm weight: 200g

• Industrial Design

The external structure applies anode aluminium oxide technique to ABS engineering plastic.

• Sensors and Measurement

PM2.5

Range: 0 ~ 1000 μ g/m³

Accuracy: \pm 10%

Resolution: 1 μ g/m³

CO₂

Range: 0 ~ 5000ppm

Accuracy: \pm (50ppm+5%Displayed value)

Resolution: 1ppm

Noise

Range: 30 ~ 110dB

Accuracy: \pm 5%

Resolution: 1dB

Temperature

Range: -40 $^{\circ}$ C ~ 120 $^{\circ}$ C

Accuracy: \pm 2 $^{\circ}$ C

Resolution: 1 $^{\circ}$ C

HCHO

Range: 0 ~ 3mg/m³

Accuracy: \pm 5%

Resolution: 0.01mg/m³

Illumination

Range: 0 ~ 9999lux

Accuracy: \pm 5%

Resolution: 1lux

Humidity

Range: 0 ~ 100%RH

Accuracy: \pm 5%RH

Resolution: 1%RH

11 After-sales Service

Warranty period

For a period of one year, from the original data of purchase of the 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.



AIR QUALITY MONITOR A2-COLOR INSTRUCTION

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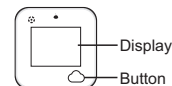
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2 Features

- Monitoring PM2.5, PM10, CO2, HCHO, temperature and humidity;
- Sensor modular design, easy to install and replace;
- 2.4" TFT screen Display;
- Support WIFI communication; Can be controlled via app; "One button" to connect to the network, re-connect automatically when disconnected;
- Record storage and review function to know the indoor air quality;
- Support remote upgrade of hardware version.

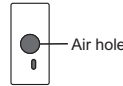
3 Product Overview



Front



Back cover
Build-in lithium battery

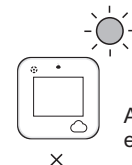


Side

4 Application Environment



Correct setting



Avoid direct exposure to sunlight



Avoid putting in humid location for a long term



Avoid being invaded by liquid

5 Application Requirement

To realize the full functions of Air Radio A2-Color, the device should be conducted in proper condition where there is a stable WIFI signal and with smart mobilephone.

Note: See "Network connection Method" in the following section.

6 Attention

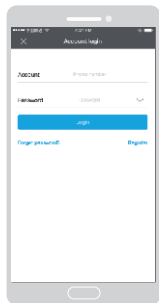
- Air Radio is compatible with mobile devices with Android or IOS system.
- To connect with network, the device must be with the same WIFI as mobile devices.
- The device could be calibrated automatically after at least 48 hours of continuous run time under ventilated environment.

7 Operation

- Press the button 3s to power on/off the device.
- Hit the button to switch the screen page.

8 Let's Get Started to Use

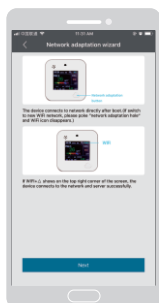
- A** Download the app from the Apple Store or the Google Play Store.
(APP name: AirRadio)
- B** Open the App and log in your account (register firstly if you don't have an account).



- C** After logging in successfully, scan the QR code or type in the device ID to bind the device.



- D** Connect the device to WiFi according to the wizard in app.



- E** Enter the name and password of the WIFI hot point and touch "bind".
- F** After finishing network connection, checking the air quality is available now.



Note:

1. The network configuration has time limit. If the device could not be linked with router in the specified length of time, the network connection fails.
2. This product has automatic reconnect function. If it is not reconnected after 5 minutes, the WiFi icon will disappear and remind to reconnect the network.
3. If network connection failed, please reconnect network according to the above steps.

9 Specification

Power Supply	Rechargeable lithium battery 900mAh	
Communication	WiFi	
Display	TFT Screen	
Adaptor	5V / 1A	
Working Temperature	0 ~ 50℃	
Dimension	86X86X33mm	
Net Weight	200g	
Testing Range	Temperature	-20~70℃ (±2℃)
	Humidity	0~100%RH (±5%RH)
	PM2.5	0 ~ 999ug/m ³ (± 10%)
	PM10	0 ~ 999ug/m ³ (± 10%)
	CO ₂	0 ~ 5000ppm (± (50ppm+5%))
	HCHO	0.00~4.00mg/m ³ (± 5%)

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