AIR MENTOR PRO

6 in 1 Smart Air Quality Monitor

User Manual

8096-AP 07

Getting Started

After retrieving Air Mentor Pro from the box, turn the power switch on. The Breath LED (Boot Up LED) should light up immediately.

After 30 seconds, the Breath LED light will show air quality via colors.

Once the DC adapter has been plugged into the Air Mentor Pro, the device will perform real-time detection.

On battery power, the TVOC, temperature, and humidity sensors will continue detecting in real-time, but the particulate matter and CO2 sensors will update once every 15 minutes.

For sensor accuracy, the TVOC sensor needs ~5 minutes to warm up.

Charge the Battery Prior to First Time Use

Connect and charge the Air Mentor Pro via the mini USB port using the provided charger until the indicator light turns green.

Setting Up for the First Time

Before using Air Mentor Pro, download and install the "Air Mentor" app for free from either the App Store (iOS) or Google Play (Android).

Air Mentor doesn't support Windows phone app.

AIR MENTOR

Download on the App Store

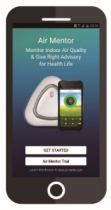
GET IT ON Google Play

Connecting Your Device

Follow the on-screen instructions to set up the connection.

When you launch the Air Mentor app, there will be a first-run welcome UI to guide you through connecting the sensor in 2 steps, i.e., detecting and selecting the sensor.

Once you complete the initial setup, you will be brought to the main screen of the Air Mentor app



Connecting to iOS or Android Devices via Bluetooth

1. Press the On/Off button. The indicator light will flash from green, yellow, orange, red, and purple. The Breath LED will cycle through the lights and start scanning every time you turn on Air Mentor Pro.

2. Turn Bluetooth "on" under the setting menu of your device.

3. Wait until the model name Air Mentor Pro appears on screen. Select the model name to pair and connect. If you have multiple Air Mentor Pro devices, the software will list the devices by distance, i.e., the closest will be listed before the others.

The Auto Connect function allows the monitor to find the last used iOS or Android device and re-establish the connection with your device automatically.

On-Demand Measurement

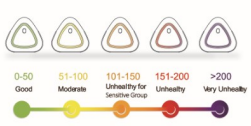
While using the battery, users can press the button of the sensor to trigger air quality measurements immediately.

Press and hold the button for 3 seconds until Air Mentor Pro makes a tone, then the CO2 and particulate matter sensors will measure the air quality.

Air Mentor Pro will detect for a 2 minute period, and will return to normal

Breath LED Light

The Breath LED light will show a specific color according to the air quality index. There are 5 colors, i.e., green, yellow, orange, red, and purple. Change the Breath LED brightness in the menu under "LED lighting strength." You can choose from: High / Normal / Low / Off.



You can also configure the LED light scenarios and schedule the time you sleep to keep the Breath light from bothering you. Configuration is located in the 'Sleep mode' menu in Device Settings.

Setting the Warning Alarm

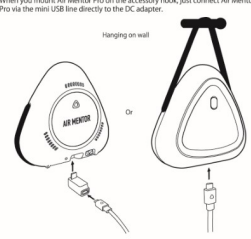
If air quality is poor, the sensor can be programmed to trigger an alarm depending on the setting. The default level is 'Mute.'

You can set the alarm via Device Settings in Device Center of Smartphone app by level: Mute/Unhealthy/Very Unhealthy.

Placing and Charging Your Device

When Air Mentor Pro is placed on a table, use the mini USB connector provided to allow Air Mentor Pro to connect to the DC adapter while standing.

When you mount Air Mentor Pro on the accessory hook, just connect Air Mentor Pro via the mini USB line directly to the DC adapter.



Main User Interface on the App

The main screen of the Air Mentor app on your smartphone shows the real-time air quality index, description, and suggestions. Users can press 'more' to check other suggestions or read experiences shared by other users.

The historical chart shows the average of each individual item's measurements over a period of time, letting you check changes in the air quality around you over time.

Knowledge Center

The air quality knowledge menu includes content to explain the meanings of the air quality index: particulate matters 10/2.5, CO2, VOCs, temperature and humidity.

References on how to improve your indoor air quality are also included in the menu.

Upgrading Firmware

The app will periodically check if new firmware is available for upgrading and will prompt you to upgrade if any is found.

Device History Storage

The sensor can store measurements for around 3 days. If the user's phone is not connected for an extended period, the app will download the data from the device once it's connected again.

Charging Your Device

When plugged into a DC source, the battery will automatically charge no matter whether powered on or off. The LED will be red when charging and green when fully charged. The app can also show the Air Mentor Pro's battery level.

If the battery level reaches critical levels, all sensors and LEDs will turn off and the app will show the sensor as off due to low power.

Safety

- Do not install Air Mentor Pro near any heat sources such as radiators, stoves, or other devices that produce a large amount of heat.
- Do not expose Air Mentor Pro to dripping, splashing, or water in general.
- Unplug the device when unused for long periods of time.
- Do not block any ventilation openings.
- Do not disassemble this product.

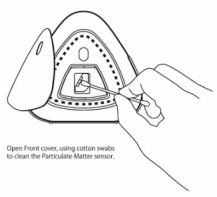
Limited Warranty

According to Air Monitor Guide, under normal use, this product provides one year limited warranty from the date of purchase, the product in the original packaging and without material or workmanship defects. Air Mentor Pro Guide includes but is not limited to the manuals, technical specifications, etc.

Model		**AIR MENTOR PRO**
Dimension		106 x 115 x 44.5 mm (Height x Width x Deep)
Operation Temperature		5 – 40 ℃ (41°F - 104°F)
Power		Micro USB Adapter 5V-1.0A
Battery		3.7V, 1500 mAh
Sensors	**Particulate Matter**	Detectable Particle size > 0.7μm PM2.5 / PM10 (μg/m³) Experimental estimation from Sensor output Range: 0 - 300 μg/m³, Resolution: 0.7 μg/m³
	TVOC	Range: 125 - 3500 ppb, Resolution: 1.0 ppb Detect Total concentration of Volatile Organic Compounds, Including Alcohols, Aldehydes, Aliphatic hydrocarbons, Amines, Aromatic hydrocarbons, CO, CH4, LPG, Ketones, Organic acids, etc.
	CO2	NDIR Non-dispersive Infrared Sensor Range: 400 - 2000 PPM Resolution : 1.0 PPM
	Temperature	Range : -20℃ to 80℃, Resolution: 0.1 ℃
	Humidity	Relative Humidity %, Range: 0 - 100%, Resolution: 1.0%
Communication		Bluetooth 4.0 Low Energy (Bluetooth Smart)
Smartphone Requirements		APP available for iPhone 5, 5S, 6, 6+, iOS8 and above Android 5.0 and above, Android Phone BLE performance depends on Smartphone Types. Windows phone not supported

Maintenance

The optical glass of the particulate matter sensor may need cleaning once every 6 months. Please open the front cover and use a cotton swab to clean it.



Open Front cover, using cotton swabs to clean the Particulate Matter sensor.

Q&A

Q: How can I disconnect Air Mentor Pro from the app?

A: Air Mentor Pro allows one Smartphone connection at a time. When it is connected, you can see a blue light flash once about every 5 seconds. To force a disconnection, just press the button for 5 seconds until you hear a long tone.

Q: Do I need to calibrate the sensor?

A: All sensors can automatically perform self-calibration. In case you need to calibrate CO2 sensor, you can find the option in the "Device Center" of the app. Please be aware, when you calibrate the CO2 sensor, you have to place Air Mentor Pro outdoors in clean air for 3 minutes, then execute the function.

www.air-mentor.com

Product Name	AIR MENTOR PRO
Product Number	8096-AP 07
Nominal Voltage/ Capacity	3.7V/1500mAh
Country of Manufavture	Taiwan, R.O.C

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC RF Radiation Exposure Statement:
1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.