Airmonitor **Plus**

User Guide

Getting Started

Airmonitor Plus is your health companion, providing real-time insights into essential air quality factors, empowering you to breathe cleaner, healthier air.

Particulate Matter (PM_1, $PM_{2.5}$, PM_{10})

Carbon Dioxide (CO_2)

TVOCs

Formaldehyde (HCHO)

Temperature

Humidity

Please read this guide before first use to avoid injury or damage to the product and retain for future reference. Additonal help is available on our online Knowledge Base at https://help.breathe-tech.com.

What's In The Box?
- BREATHE Airmonitor Plus air quality monitor
- USB-A to USB-C charging cable
- User guide

Airmonitor Plus

Humidity

Proximity Sensor

Temperature

Wi-Fi Indicator

Battery Indicator

Alarm Indicator

78°F   60%   50%

PM2.5 µg/m³

15

Good

Status of Selected
Air Quality Measure

Good   Moderate
Poor   Unhealthy

Selected Measure

47	15	155
PM4	PM2.5	PM10
600	1.01	0.01
CO2	TVOC	HCHO

ⓔBREATHE

Multi-Function Button

Air Inlet

Temperature &
Humidity Sensor

Type-C Charging Port

Getting Started - Calibration

Airmonitor **Plus** is equipped with a high-precision non-dispersive absorption infra-red (NDIR) gas sensor, ensuring accurate air quality readings. To maintain its precision, regular calibration is essential.

There are two methods;

1) Automatic Calibration
The sensor can intelligently set its zero point and self-calibrate after continuously running for 24 hours. No user intervention is necessary, but for the most accurate readings, allow this initial 24-hour period.
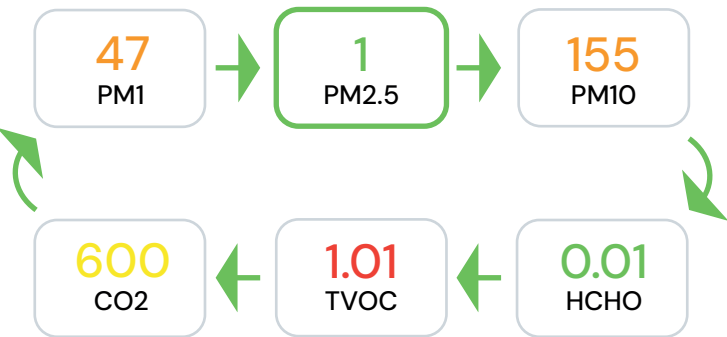
2) Manual Calibration
Follow these simple steps for manual calibration:
· Turn on Airmonitor **Plus** and place it in a well-ventilated environment, such as outdoors or near an open window, for 5 minutes.

· Press the multi-function button three times quickly.

· The device will restart to complete the calibration process, after which you can resume normal usage.

Air Quality Display

The air quality measure displayed in the main scale can be changed by pressing the multi-function button. Each press of the button will cycle through the available measures.

47 PM1	**1** PM2.5	**155** PM10
600 CO2	**1.01** TVOC	**0.01** HCHO

Operating Instructions

Multi-Function Button

• Power On/Off: Press and hold for 3 seconds.

• Manual Sensor Calibration: Press 3 times.

• Switch Main Display Measure: Press once.

• Reset Wi-Fi: Press and hold for 8 seconds when powered off.

Proximity Sensor
The Airmonitor Plus display screen can be configured to enter sleep mode after a set period of time. Waving your hand in front of the display will awaken it. These settings can be configured in the Breathe Tech App.
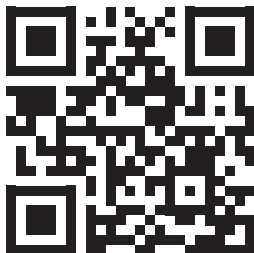
Breathe Tech App

The Breathe Tech App can be downloaded from the Apple App Store and Google Play Store.
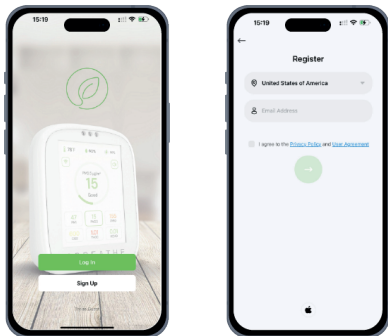

Breathe Tech

Search for Breathe Tech in your app store or scan the QR code.

Breathe Tech App

Open the App and follow the instructions to
create an account and sign in.

If Airmonitor Plus has not previously been connected
to a Wi-Fi network, the Wi-Fi icon on the display will
be flash to show the device is in connection mode.

If the Wi-Fi icon is not flashing, enable connection
mode by powering off Airmonitor Plus, then pressing
and holding the Multi-Function Button for 8 seconds
until the icons flashes on and off.

Add Airmonitor Plus to App

Click on the + sign and follow the on screen instructions to connect the Airmonitor Plus to your Wi-Fi network.
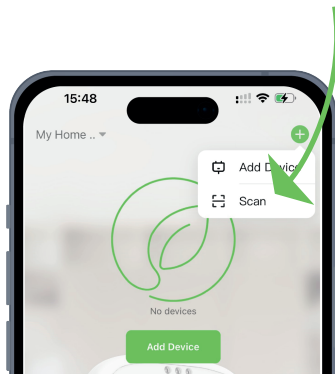

When the connection is complete, the Wi-Fi icon on the Airmonitor Plus will display solid.

Add Airmonitor Plus to App

You can also add your monitor to the app by choosing the "Scan" option and scanning the QR code below.
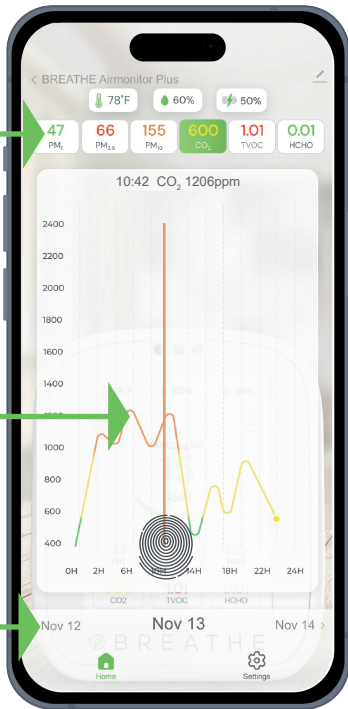

If you encounter any difficulties connecting your Airmonitor Plus, please don't hesitate to reach out to us via email at support@breathe-tech, or submit a support ticket on our website.

Viewing Data

Choose the air quality measure you want to view from the list.

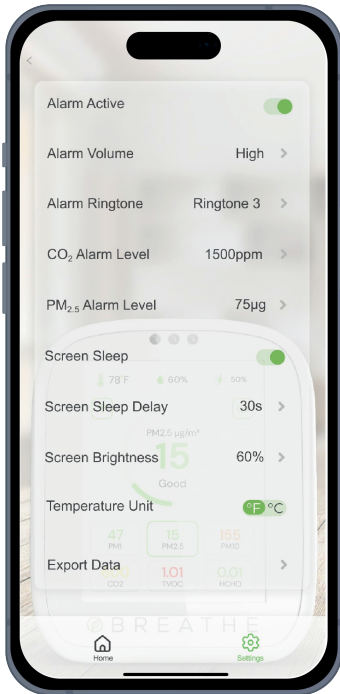Touch a specific point on the graph to display the levels at that time.

Adjust the date to view data for a different day.
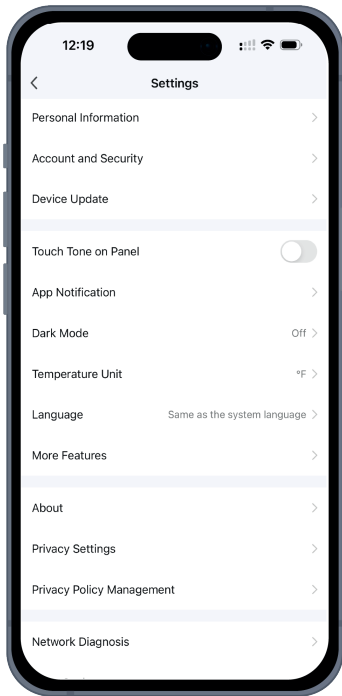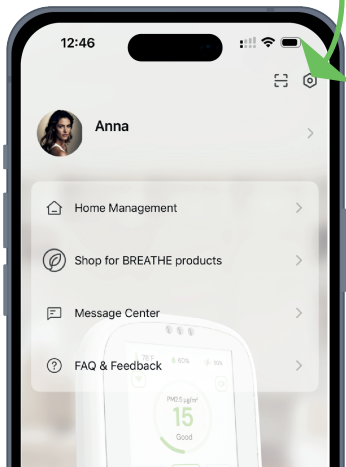
Airmonitor Plus Settings

To modify settings for a particular connected device, simply choose it from the home screen and tap the Settings icon.

Each device retains up to 30 days of data, which can be exported as a .csv file.

App Settings

To modify general App settings, select the icon from the Account Screen.

Remove / Reset Airmonitor Plus

To remove Airmonitor Plus from the Breathe Connect App, select the edit icon and choose 'Remove Device'.

Product Registration

Registering your Airmonitor Plus is not a requirement for warranty activation, as we are always here to assist you with any product issues you may encounter.

However, to ensure you receive the best service and stay informed about our latest features and product updates, we strongly recommend registering your Airmonitor Plus with us. This way, we can keep you in the loop about new enhancements and provide guidance on keeping your Airmonitor Plus up-to-date.

Visit www.breathe-tech.com and click on 'Product Registration,' or scan the QR code below to register your Airmonitor Plus.

Customer Support

If you encounter any issues with your Airmonitor Plus, be sure to explore our comprehensive Knowledge Base and engage with our Community Forums at https://help.breathe-tech.com.

For personalized assistance, don't hesitate to reach out to our dedicated customer support team via email at support@breathe-tech.com.

Return Policy & Warranty
At Breathe Tech, our commitment to your satisfaction doesn't end when our products leave our us. Even after your warranty expires, we remain committed to assisting you.

You can find detailed information about our warranty and return policy on our website; https://www.breathe-tech.com

Safety & Handling

Avoid Direct Sunlight: To maintain accurate readings, keep Airmonitor Plus away from direct sunlight, as it may affect sensor accuracy.

Non-User Serviceable: Please refrain from disassembling the device, as it may result in product damage, potential injury, and void the warranty.

Not Waterproof: Airmonitor Plus is not waterproof; do not immerse it or expose it to liquids.

Air Inlet Caution: Do not insert objects or block the air inlets of the device.

Power Supply: For extended use, connect the provided power cable to a 5V power supply.

Handle with Care: Avoid dropping the device from height or applying excessive pressure to the case to prevent damage.

Accessible Power Supply: Ensure the device is positioned where it can be easily disconnected from the power supply.

Cleaning: Clean the device using a dry cloth only; do not use liquids or cleaning agents.

Usage: Use the device only as specified to ensure the equipment's protection is not compromised.

Product Specifications

Model Number: BTL40001

Sensor Specifications

- PM_1, $PM_{2.5}$, PM_{10}, Range: 0-1,000μg/m^3.
- PM_1, $PM_{2.5}$, PM_{10}, Accuracy: ±10μg/m^3 between 0-100μg/m^3, ± 10% above 100 μg/m^3.
- CO_2: 400-5,000ppm ± 50ppm + 5%
- TVOC: 0-9.999mg/m^3
- HCHO: 0-1.999mg/m^3
- Temperature: 0-50°C ± 1°C
- Humidity: 0%-99% RH ± 5%

Operating Conditions

- Working Temperature: -10 to 50°C
- Working Humidity: 0-85% RH
- Working Altitude: 0-2000m
- Ingress Protection: IPX0

Dimensions

- 84 x 70 x 35mm (3.3 x 2.8 x 1.4 Inch)
- 110g (3.9 oz)

Wireless Standards

Wi-Fi
- IEEE 802.11b/g/n@ 2.4 GHz

Product Specifications

Power Supply
- USB Type-C, 5V ⎓ 2A
- Battery: 1000mAh, 3.7Wh

System Requirements
- Wi-Fi, 2.4 GHz
- Android device running 6.0 or later
- iOS device running version 11.0 or later

Disclaimer
The information in this user guide is provided for reference purposes only and does not constitute any form of commitment. Breathe Tech Ltd reserves the right to modify specifications or appearance at any time. For the most up-to-date information, refer to our website.

Regulatory Information CE ☒ FC ⊘

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. Warning: Changes or modifications to this unit not expressly approved by Breathe Tech Ltd. could void the user's authority to operate the equipment.

NOTE: 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.

Regulatory Information

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

FCC ID: 2ANDLCBU

Disposal information.

According to local laws and regulations, your product and/or its battery should be disposed of separately from household waste. When this product reaches the end of its life, take it to a collection point designated by local authorities. The separate collection and recycling of your products and/or its battery at the time of disposal will help conserve natural resources and ensure it is recycled in a manner that protects human health and the environment.

help.breathe-tech.com

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