

# Awair Omni User Manual

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## Requirements

You need to have Wi-Fi network in place and an Awair account to use Awair's mobile application features.

## **iOS**

AWAIR OMNI supports following devices running iOS 8 or later:

- iPhone 5 or newer
- iPad (3rd generation) or newer
- iPad mini (all models)

## **Android**

- AWAIR OMNI will support Android devices running Jelly Bean 4.3 or later

## **System Requirements**

- Wi-Fi Connection
- Smartphone or tablet with iOS 8 or later, or Android 4 or later
- Free Awair account

## **What's INSIDE**

1. AWAIR OMNI
2. Device Quick Start Guide
3. Type C USB cable (Battery only charger)
4. Power Adaptor
5. \*Wall-mount unit (for commercial, Omni)
6. \*Accessory stand (for consumer, Boost)

## *Awair Omni Device Illustration*



## Setup and Installation

### **Awair App**

Before you setup AWAIR OMNI, you will need to install Awair app on your mobile device. If you have an iOS device, please [download the Awair app](#) from Apple App Store. If you have an Android device, please [download the Awair app](#) from Google Play Store.

When you install the Awair app for the first time, you will be asked a few questions to create an account, the information you provide will help Awair to understand your preferences and hence give more personalized tips and recommendations. You can follow the steps described below:

### Create Awair account

- Start creating your Awair account. We will send an email to confirm your account. Check your inbox and click the link to confirm.
- You'll be asked to provide a few pieces of personal information such as birthdate and gender. This will help Awair to learn about you better so that it can give you relevant insights when you need most.

### Connect the device to app

- Plug your Awair device into a wall outlet and [place the device](#). Make sure you see an LED light blinking in blue.
- When you're asked to turn on Bluetooth to allow Awair device to connect to accessories, press OK.
- To assist you with a pairing between your Awair device and the app, setting only one device at a time is recommended. (You can pair the 2nd device to Awair app after you complete the whole setting process for the 1st device.)
- Once the blinking LED turns to solid blue, the pairing is completed and you can move on to the next steps.

### Connect Awair to WiFi network

- Let's connect Awair device to WiFi network. You will see the light purple LED indicator starts to blink. Select the SSID of a WiFi network that you want to connect to and enter the password.
- When your Awair device is successfully connected to the WiFi network, the LED light will turn into solid purple.

### Understand your environment and interests

- Let's set your Awair device to get more personalized insights. Your location is needed for Awair to better understand your environment. This is the only time we want to access to your location. Once we collect your information, we don't track it anymore while using Awair device.
- Let's set your preference. What matters to you most? Awair device is smart and learns from your habits and lifestyle preferences to give you more personalized recommendations.

### Test and learn Awair Boost

- Let's check the current conditions in your space now.
- You will test and learn how to read current air quality.

If you have already another Awair or Awair Glow, set it up from [Connect the device to app](#) step. Otherwise, it is all set. Enjoy!

### **AWAIR OMNI Device**

One AWAIR OMNI covers about 400 sq feet. Generally, we recommend one unit per closed wall environment (example: normal sized rooms, large closets, and so on). To stay connected, our app supports an all-in-one view for multiple devices for those who have multiple units in their homes or offices.

### **LED lights**

The AWAIR OMNI has a set LED light on the front of the device to indicate status of air quality with colors (green is Good, yellow is Fair, red is Poor) and bar graphs represent each sensor data. There is an option to see more specific number-based sensor data triggered by touch sensitive surface on the front (lower right).

### **Resets**

On the back side of the device, there is a reset button right next to the power connector. Press and hold the reset button for 8 seconds until you see a new passcode and blue LED light on the display of the device. This will delete all information saved for the device. Your account information will not be removed (because it is saved in the server).

### **Safety**

AWAIR OMNI should be powered with the provided adaptor in the original box. It will not work with accessories from other manufacturers.

Disassembling and opening Awair is dangerous when the power cord is connected to any power outlet. It will void your warranty too.

- **Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire or damage the device.**
- **All fire-related safety issue needs to be reviewed by experts.**

## Battery related certifications

Capacity and Voltage: [2000mAh@3.7V](#) Lithium-Ion

### Certification

CELL: UL1642(Standard for Lithium Batteries)

Pack : CB( Certification Body )

Transport Certification: UN38.3 (To ensure air transport safety, and to meet customer demand for transport of cargo containing lithium batteries, according to IATA "Dangerous Goods Rules," the relevant provisions of the development of a rechargeable battery operating specifications)

## Specification

### Sensors

- Temperature: 0 to 65°C (32 to +149°F) for Accuracy range  
: -40 to 125°C (-40 to +257°F) for Measurement range
- Humidity: 10 to 90% for Accuracy range  
: 0 to 100% for Measurement range
- CO2: 0 to 5,000 ppm for Measurement range (\*for commercial)  
: 400-5000 ppm ± 75 ppm for Accuracy range
- Dust: 0 to 1,000 µg/m3 (\*for consumer)
- VOCs: 0 to 1000 ppm
- Ambient light: 0.96 to 64,000 lux

### Dimensions

Width: 98mm

Depth: 34mm

Height: 98mm

### Supported Wireless Security

WPA, WPA2

### Power Consumption

Less than 0.05kWh per month

### System Requirements

- Wi-Fi connection
- Smartphone or tablet with iOS 7 or later, or Android 4.3 or later
- Awar free account

## **Wireless**

- Working Wi-Fi connection: 802.11 b/g/n @ 2.4 GHz
- Wireless Interconnect: 802.15.4 @ 2.4 GHz
- Bluetooth 4.1 @ 2.4 GHz

## **Caution.**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.

This device complies with FCC radiation exposure limits for an uncontrolled environment. Avoid operating this device at a distance less than 20cm from the user.