Airthings Hub

Remote access to your ecosystem

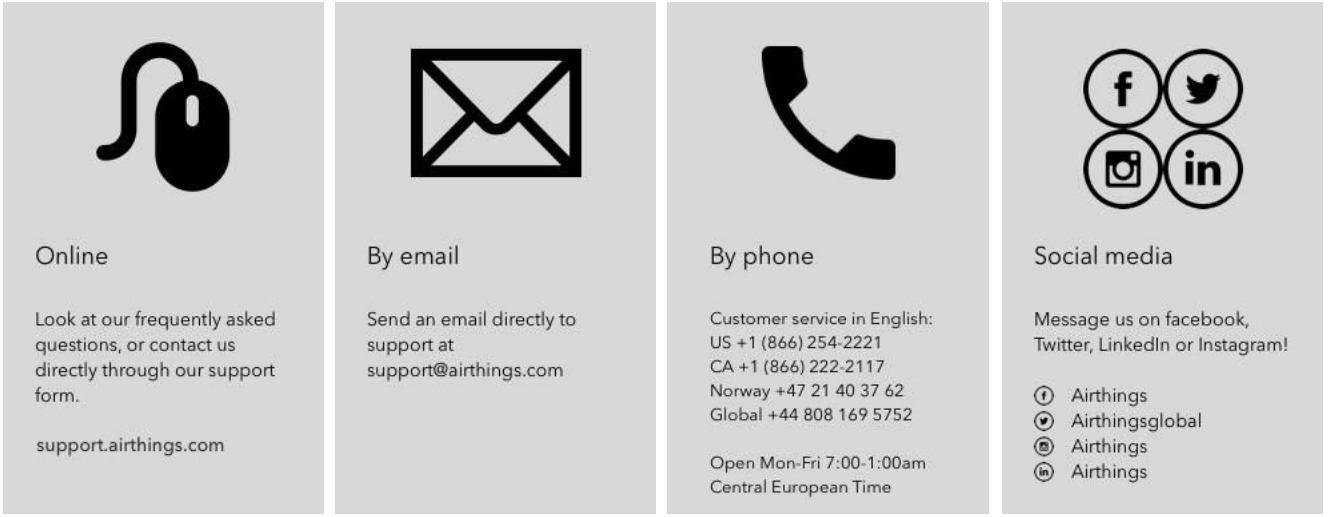
Operating manual
Version 1, October 19, 2018

The Airthings Hub was created to be used with Airthings indoor air quality monitoring devices.

Set up your device

1. Register the Hub on https://dashboard.airthings.com/add-device
2. Register all the Airthings indoor air quality monitoring devices that you want to connect to the Hub on https://dashboard.airthings.com/add-device
3. Plug in the power cord of the Hub
4. Plug in the ethernet cable of the Hub. Skip this step if you have Hub Cellular
5. Let the network of Hub and Airthings indoor air quality monitoring devices form over up to 24 hours
6. Log in to the dashboard and observe sensor data of your Airthings indoor air quality monitoring devices
7. Airthings indoor air quality monitoring devices that do not show up in the dashboard can be out or range of the Hub and should be moved closer to the Hub.

Many easy ways to contact Airthings



Have any questions or comments that we didn't get to here? Let us know! support.airthings.com

Congratulations on taking this important step toward living a healthier life.

By keeping track of your Indoor Air Quality and radon levels, you can make healthier decisions in the spaces where you spend most of your time. Increased productivity and energy levels, better quality sleep, and resistance to illness are just a few of the benefits. Lessening your exposure to radon will reduce your risk of lung cancer.

The Airthings HUB provides you 24/7 access to your Airthings indoor air quality monitoring devices with detailed information about Radon, VOCs, CO_2, Temperature, Humidity and Air Pressure levels on your Airthings Dashboard

Breathe better, live better.
The Airthings team

Features and content

Hub, wall mount bracket, supply adaptor, power outlet blade for the US and Europe, ethernet cable (not needed for Hub cellular).

To replace the power outlet blade simply press the ejector button and slide the blade

Status Indicators:

Power Supply Cloud Smartlink

Easy to mount

Fix the mounting bracket to the ceiling or wall using the build in leveler. Make sure you use appropriate screws for your wall type.

Connectivity

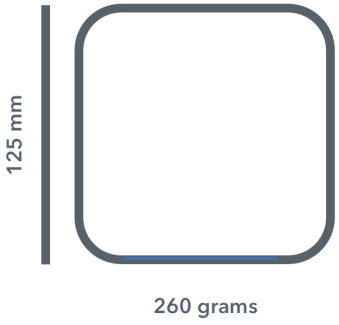
The Airthings Hub communicates with multiple Airthings devices bringing them online. The Hub supports Airthings devices including:

Wave Plus with Airthings Smartlink
Wave 2nd Gen with Airthings Smartlink
Wave Mini and Wave Mist with Airthings Smartlink
Wave over Bluetooth (target availability 2Q19)

Airthings Ecosystem

Once registration is complete, the network will form by itself.

The placement of your Airthings Ecosystem devices depends on a number of factors, like walls or barriers that break up the space. It is also important to consider what the building is made of to determine the range for the Airthings SmartLink or Bluetooth connection.



Apps and software

Web Dashboard

Connectivity

Bluetooth 5.0
Ethernet

Power Supply

100-240V AC / 50-60 Hz Adapter to 5V DC 2A

Protocols

Airthings Smartlink, 868/915MHz
long-range (300ft/100m) wireless connection

Cellular option

LTE Cat.M1 & Cat.NB1 & EGPRS(2G)
Integrated eSIM with global coverage

Cloud storage

Live data streaming to the cloud

Remote access

Up to 50 Airthings devices

Installation

Use appropriate screws for ceiling or wall mount

Troubleshooting

If you need further assistance, read our Frequently Asked Questions, or simply contact support at support.airthings.com.

Technical specifications

Operational Environment: 4°C to 40°C
Weight: < 260g
Dimensions: < 125 x 125 x 25 mm
Power supply: 100–240 V AC / 50–60Hz
Protocols: Bluetooth 5, Airthings Smartlink
Frequency band: 868/915 MHz & 2.4GH

Safety and maintenance

The Airthings Wave Plus is intended for indoor use only. Avoid direct exposure to sunlight for long periods. Avoid exposure to direct heat sources. For correct usage, make sure the detector is operating in the specified temperature range (see technical specifications).

Exposure to high humidity might permanently alter the detector sensitivity or damage it.

Do not disassemble. If the Airthings HUB does not work as specified or you are in doubt, contact your local dealer or visit us at Airthings.com.

Use a dry cloth to clean the detector.

Use only the adaptor supply shipped with the product.

Always snap the mounting bracket to the detector's rear side to protect the product, even if the product is not permanently mounted.

Disposal: electronic equipment.

Limited liability
The instrument is tested and quality-assured by production. It meets the accuracy values set out in the specifications.
It is recommended to keep the instrument constantly activated and the batteries in place until drained.

Airthings AS shall not be liable for damages related to failure or loss of data arising from incorrect operations and handling of the instrument.

Terms & conditions
airthings.com/terms-use-privacy/

For other languages or additional questions go to support.airthings.com

Regulatory information

Regulatory information Canada

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

Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorisation de l'utilisateur d'utiliser l'équipement.

This device complies with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR de l'ISDE applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure safety

This product is a radio transmitter and receiver.

It is designed not to exceed the emission limits for exposure to radio frequency (RF) energy set by the ISED.

The antenna must be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Ce produit est un émetteur et un récepteur radio.

Il est conçu pour ne pas dépasser les limites d'émission pour l'exposition à l'énergie radiofréquence (RF) établie par l'ISDE.

L'antenne doit être installé de façon à garder une distance minimale de 20 cm entre la source de rayonnements et votre corps.

L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenneou autre émetteur.

CAN ICES-3 (B)/NMB-3(B)

This Class B digital apparatus complies with Canadian ICES-003
Cet appareil numérique de clase B est conforme à la norme Canadienne ICES-003

Regulatory information USA

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.

Class B device notice

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. 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.

RF exposure safety

This product is a radio transmitter and receiver.

It is designed not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission.

The antenna must be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.