



Learnometer

Powered by **AWAIR**

Quick Start Guide

gratnellslearnometer.com

Breathe Easy

Gratnells Learnometer tracks your air health and lets you know if there is an issue, helping you create a healthy, comfortable, and productive indoor environment.

Sensors



Fine Dust



Chemicals (TVOCs)



CO₂



Light



Humidity



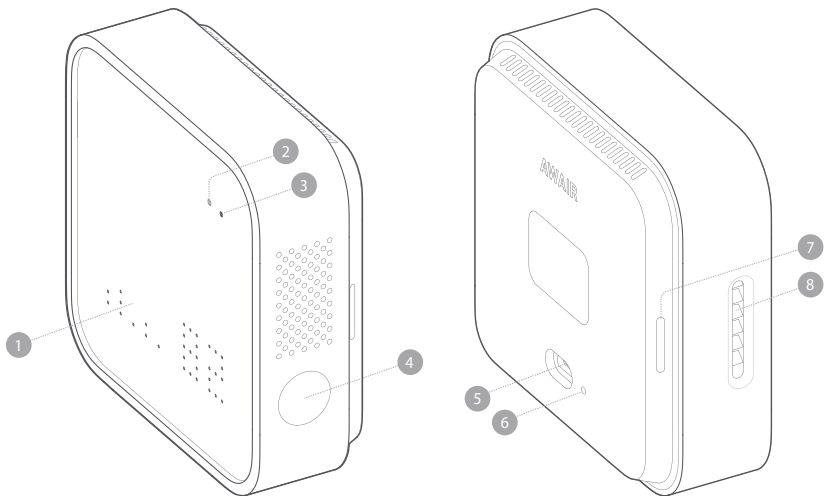
Temperature



Noise

What's Inside

- Gratnells Learnometer
- Power Adapter
- USB Cable
- Quick Start Guide
- Stand



Parts

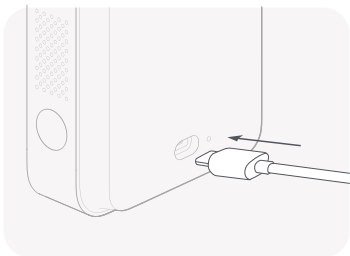
- 1 LED Matrix Display
- 4 Power Button
- 7 Accessory Snap

- 2 Light Sensor
- 5 Power Connector
- 8 Air Intake Vent

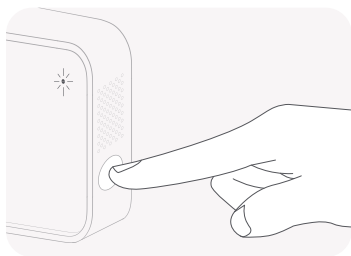
- 3 Air Status Indicator
- 6 Reset Button

Get Started

- 1. Plug** the USB power cable into your Gratnells Learnometer and plug the power adapter into a wall outlet.



- 2. Power** on Learnometer by pressing and holding the power button on the side.



- 3. Scan** the QR code below or visit the web page to download the app.



gratnellslearnometer.com/app

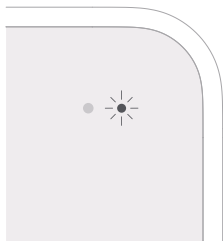
- 4. Follow** the instructions on the App screens for next steps.



Important Information

- Make sure Learnometer is within range of your wireless network.
- Please connect Learnometer to a 2.4GHz Wi-Fi network. 5GHz Wi-Fi networks are not supported.
- Please get more detailed information at gratnellslearnometer.com/support
- If you have any questions, please contact us at hello@gratnellslearnometer.com

Each Colour on Learnometer's Display Represents



- **Green:** Good Air
- **Yellow:** Fair Air
- **Red:** Poor Air
- **Blue:** Bluetooth
- **Purple:** Wi-Fi
- **White:** Device Setting, Update

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices)

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment 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.

Caution

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

Safety

1. Gratnells Learnometer should be powered with the provided adapter in its original box. It will not work with accessories from other manufacturers.
2. Do not disassemble or open Gratnells Learnometer. Disassembling and opening Learnometer is dangerous. Disassembly of Learnometer will void your warranty.
3. Gratnells Learnometer is to be used indoors in a dry location. Avoid liquid contact with Gratnells Learnometer. Do not submerge Learnometer in liquid or attempt to clean it with liquids or solvents. To clean Learnometer, disconnect from the power outlet and use a damp towel.
4. Do not insert any objects into the openings or ventilation holes.
5. There should be at least a 2 inch(50mm) clearance for every vent hole if you are placing your Gratnells Learnometer near walls or any objects.
6. Only use the included AC adapter with the Learnometer. Using an adapter from another manufacturer may damage the Learnometer.
7. The lithium-polymer battery in the Learnometer is not replaceable by the user. The battery can be serviced by Gratnells or an authorized service provider. Improper replacement or repair could damage the battery, cause overheating, or result in injury. The battery must be recycled or disposed of separately from household waste. Do not incinerate the battery.

Warranty

Duration and Coverage. **One (1) year Limited Hardware Warranty.** Subject to the additional terms and conditions set forth below, Gratnells provides the following Limited Warranty only to the person or entity that originally purchased the Device from Gratnells or from one of its authorized resellers or distributors; Gratnells warrants the Device against defects in materials and workmanship under normal use for a period of one (1) year from the date of original purchase ("Warranty Period"). If a Device is returned to Gratnells during the Warranty Period as provided below, and Gratnells determines that the Device is defective, Gratnells will either repair or replace the unit with either a new or a refurbished Gratnells Learnometer, or refund the original purchase price (less any discounts or promotional codes) in return for the Device, at its option. If the Warranty Period has expired or is otherwise not applicable as per the Scope and Limitation on Warranty, we will return the Device to you. More information about this warranty can be found at gratnellslearnometer.com/support

Product Specifications

Sensors

- **Dust (PM2.5/PM10):**
0 to 1,000 $\mu\text{g}/\text{m}^3$ \pm 15 $\mu\text{g}/\text{m}^3$ or 15%
- **TVOCs:** 0 to 60,000ppb \pm 10%
- **CO₂:** 400-5,000ppm \pm 75ppm or 10%
- **Temperature:** -40 to 125°C (-40 to +257°F) \pm 0.2°C
- **Humidity:** 0 to 100% \pm 2%
- **Ambient light:** 0 to 64,000lux
- **Ambient noise sensor:**
40 to 95dB, A-weighted, slow-response

Dimensions

- **Width:** 3.85 inch (98mm)
- **Height:** 3.85 inch (98mm)
- **Depth:** 1.35 inch (34.5mm)

Supported Wireless Security

- WPA, WPA2

Operating Temperature

- **Operating temperature:** 0 to 45°C (32 to +113°F)
- **Storage temperature:** 0 to 85°C (32 to +185°F)

Power Adapter

- **Input:** AC 100/240V, 50/60Hz, USB-C
- **Output:** 5V/2.0A external power adapter

Power Consumption

- **With battery charging:** Max 6.5W
- **Operating:** Avg 1.76W (Max 2.6W)
- Less than 1.3kWh per month
(operating for 24h and 30 days)

Wireless

- **Working Wi-Fi connection:**
802.11 b/g/n @2.4 GHz
- IEEE 802.11b: 1-11Mbps
- IEEE 802.11g: 6-53Mbps
- IEEE 802.11n: 7.2-75Mbps
- Bluetooth 4.1

System Requirements

- Wi-Fi connection
- Smartphone or tablet with
the latest version of iOS or Android

Certifications



MSIP-CRM-BIQ-AWAIR
XU101305-17001A

FCC ID 2AF65AWAIR

CMIIT ID 2017DJ7338

Battery

Capacity and voltage: 2250mAh @3.7V

Lithium-ion Polymer

KC Battery: XU101305-17001A

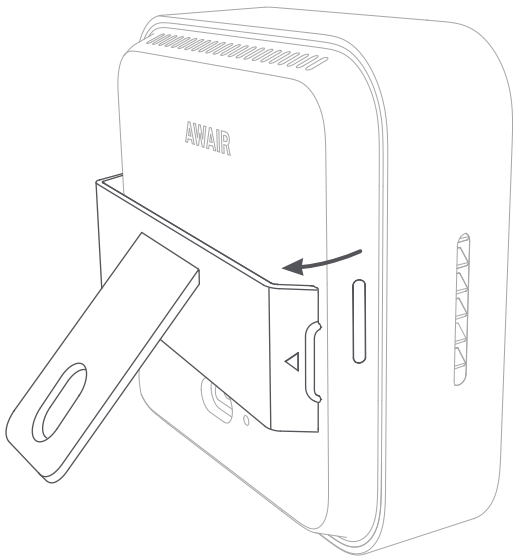
Cell: ULI1642 (Standard for Lithium Batteries)

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)

Stand Removal

Gently pull the indicated side slot in the direction of the arrow.
Do not pull the leg of the stand, as that motion can cause damage.



Wall Mount Installation

Fasten your Gratnells Learnometer to your wall with the wall mount unit included in this package. You can install the wall mount by applying the provided hanging strips, or with the enclosed screws and anchors.

To fasten the wall mount with screws, first fasten one screw in the top screw hole using the provided level for reference and follow with the second screw hole.

