

levoit™

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POWERED BY

veync

USER MANUAL

## Aura™ Sensor

Model: LTM-AS041S-WUS



### Questions or Concerns?

Please contact us Mon–Fri, 9:00 am–5:00 pm PST/PDT  
at [support@levoit.com](mailto:support@levoit.com) or at **(888) 726-8520**.

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## Package Contents

- 1 x** Aura Sensor
- 1 x** Wall Bracket
- 1 x** Desktop Stand
- 2 x** AAA Battery (Pre-Installed)
- 1 x** User Manual

## Specifications

Battery	2 x 1.5V AAA Batteries
Power Supply	3V $\overline{=}$
Dimensions	2.40 x 1.84 x 0.86 in / 6.10 x 4.67 x 2.18 cm
Weight	0.15 lb / 0.07 kg
Connectivity	Zigbee™ 3.0
Temperature Display Range	32°–122°F / 0°–50°C  Temperature Display Accuracy: ±1°F during 32°–122°F ±0.5°C during 0°–50°C
Temperature Increments	0.1°F / 0.1°C

## SPECIFICATIONS (CONT.)

Relative Humidity Display Range	1–99%  Humidity Display Accuracy: ±3% during 20–80% humidity ±5% during 0–99% humidity
Relative Humidity Increments	1%
Max Connectivity Distance	Indoor: 164 ft / 50 m Outdoor: 492 ft / 150 m  <b>Note:</b> <i>Outdoor distance is measured in a straight line without obstacles.</i>
FCC ID (Inside Battery Compartment)	2ARBY-AS041S

## SPECIFICATIONS (CONT.)

### Compatibility

- Levoit Aura™ Smart Thermostat

**Note:** *To access additional smart functions, download the free VeSync app (see page 16).*

# READ AND SAVE THESE INSTRUCTIONS SAFETY INFORMATION

Please read and follow all instructions and safety guidelines in this manual.

## General Safety

- Keep out of reach of children.
- **Do not** tamper with the sensor's internal components.
- **Do not** dispose of any part of the sensor in a fire.
- **Do not** submerge or place the sensor in direct contact with water or any other liquid.
- Not for commercial use. Household use **only**.

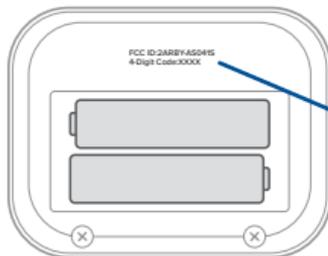
## SAFETY INFORMATION (CONT.)

### Use & Care

- When installing or changing batteries, make sure to place the batteries in the correct polarity.
- Using batteries that are not alkaline may shorten the operating time of the sensor.
- **Do not** mix new and old batteries.
- **Do not** replace batteries while hands are wet or while the sensor is in a wet environment.
- If the sensor is not in use for an extended period of time, remove the batteries to conserve battery life and extend sensor lifetime.

## Function Diagram

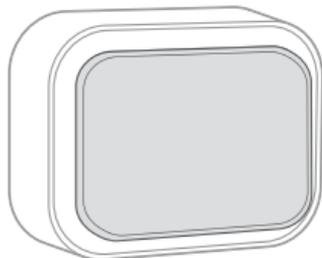
### A. Battery Compartment



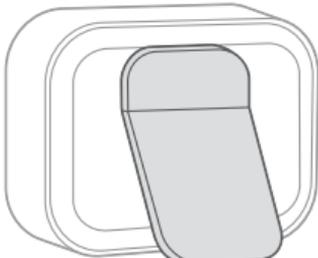
### B. FCC ID and 4-Digit Code (Inside Battery Compartment)

FCC ID:2ARBY-AS041S  
4-Digit Code:XXXX

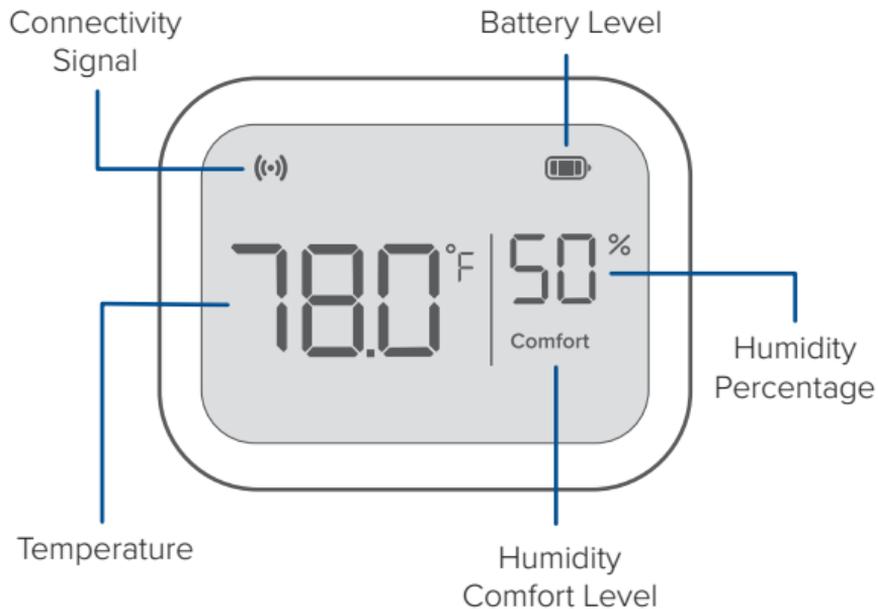
### C. Wall Bracket



### D. Desktop Stand



## Display Diagram



## DISPLAY DIAGRAM (CONT.)

### Connectivity Signal

 is displayed when the sensor is connected to the Aura Smart Thermostat.

**Note:** You must first connect the sensor to the VeSync app in order to pair it with the smart thermostat (see **Connecting the sensor to the VeSync app**, page 17).

### Humidity Comfort Level

Displays Comfort, Low, or High depending on the humidity that's detected by the sensor.

Comfort	The humidity is between 40% and 60%
Low	The humidity is below 40%
High	The humidity is above 60%

# Getting Started

## Installation

The Aura Sensor can be used by itself, or with the Aura Smart Thermostat.

**Note:** *To access smart features, the sensor must be connected to the VeSync app and the smart thermostat.*

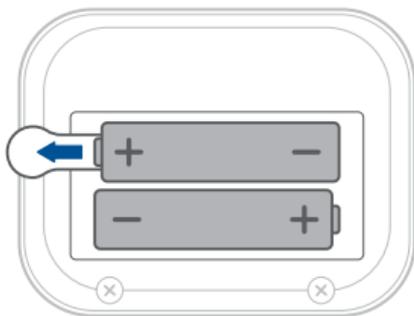
When using the sensor with the smart thermostat, make sure the sensor is no more than 164 ft / 50 m away from the thermostat.

## GETTING STARTED (CONT.)

If there are obstructions between the sensor and smart thermostat like dividing walls, different floor levels, and furniture, move the sensor closer as these may affect the sensor's connectivity.

**Note:**

- Before first use, remove the battery pull tab from the sensor's battery compartment. **[Figure 1.1]**
- Take a picture or write down the 4-digit code in the battery compartment of the sensor. This will be used later when connecting multiple sensors to the VeSync app.



*Figure 1.1*

## GETTING STARTED (CONT.)

### Hanging the sensor on a wall

**Note:** The wall bracket is difficult to remove from the wall once it is placed. Make sure the sensor is in range of the smart thermostat before placing it on the wall.

1. Attach the wall bracket to the back of the sensor. **[Figure 1.2]**
2. Peel off the sticker cover on the wall side of the bracket.

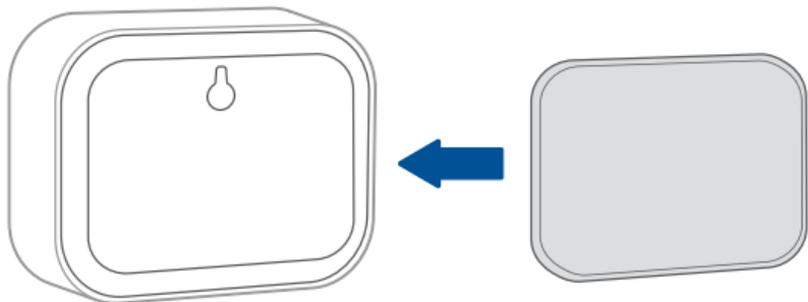
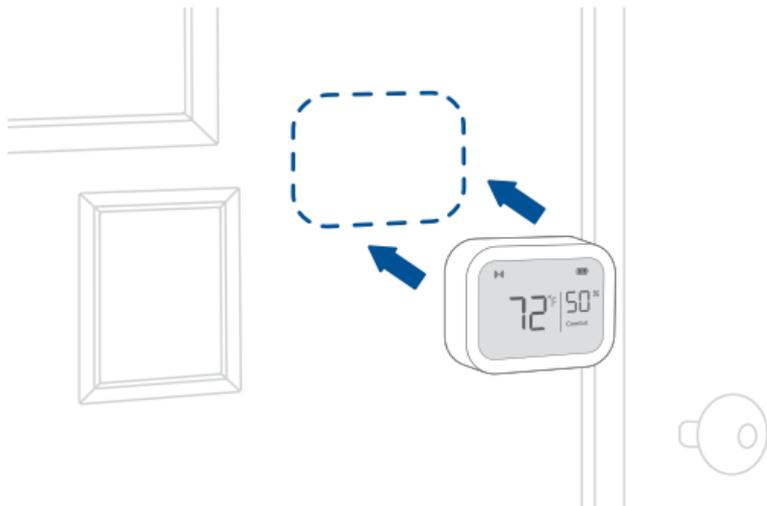


Figure 1.2

## GETTING STARTED (CONT.)

3. Place the sensor onto the wall and press firmly to make sure the sensor is secured. *[Figure 1.3]*



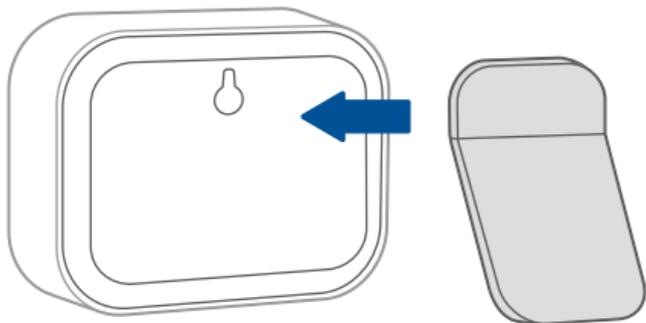
*Figure 1.3*

**Note:** *Do not* press directly on the sensor's display screen while hanging it on to the wall.

## GETTING STARTED (CONT.)

### Placing the sensor on a flat surface

1. Attach the desktop stand to the back of the sensor. *[Figure 1.4]*
2. Place your sensor on a flat surface like a shelf or desk.



*Figure 1.4*

## Operation

### VeSync App Setup

**Note:** *The VeSync app is continually being improved and may change over time. If there are any differences, follow the in-app instructions.*

1. To download the VeSync app, scan the QR code or search “VeSync” in the Apple App Store® or Google Play Store.



**Note:** *For Android™ users, choose “Allow” to use VeSync.*

2. Open the VeSync app. If you already have an account, tap **Log In**. To create a new account, tap **Sign Up**.

**Note:** *You must create your own VeSync account to use third-party services and products. These will not work with a guest account. With a VeSync account, you can also allow your family and friends to control your sensor.*

## OPERATION (CONT.)

### Connecting the sensor to the VeSync app

1. Tap the **+** icon on the VeSync app home screen.
2. Choose the **Levoit Aura™ Sensor**.
3. Remove and reinsert the batteries to put the sensor in pairing mode.

**Note:** *Make sure the battery tab is removed. Otherwise, the sensor will not work and will not go into pairing mode.*

4. If you only have one sensor, the sensor will automatically pair with your smart thermostat.
  - If you are pairing multiple sensors at once, select the 4-digit code that matches the sensor you are currently trying to pair.

**Note:** *Sensors will automatically pair with all Levoit smart thermostats associated with your VeSync account.*

## OPERATION (CONT.)

5. Pick a room for your sensor.
6. Name your sensor (e.g., “living room sensor”).

### **Note:**

- You can change the sensor’s name and icon at any time by going to the sensor’s screen in the VeSync app and tapping  .
- The sensor **must** be paired with a Levoit smart thermostat in the VeSync app in order to remotely monitor the sensor’s temperature and humidity data.

## VeSync App Functions

### **Remote Monitoring**

- Monitor your home’s temperature and humidity conditions from anywhere.

### **Instant App Alert**

- Get notified about thermostat alerts directly to your smartphone.

## OPERATION (CONT.)

### Smart Routines

- Customize your sensor's settings by selecting Smart Routines for it to follow.

### Smart Scenes

- Prioritize comfort and air quality in your home using Smart Scenes, which can control your Levoit thermostat, humidifier, and sensor all at the same time.

### Temperature & Humidity Graphs

- View your sensor's temperature and humidity history.

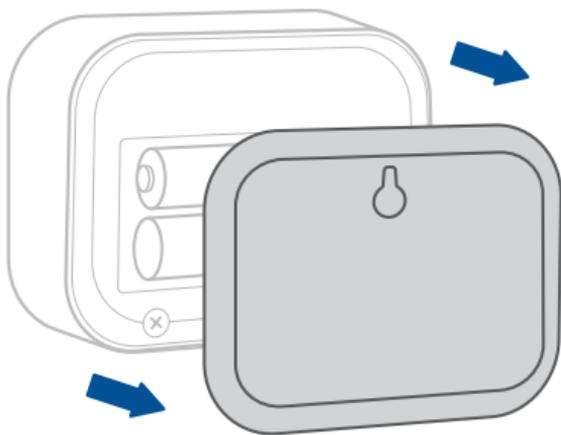
### Changing the temperature unit

1. Open the VeSync app and tap the sensor's settings icon.
2. Tap **Change Unit** and select the desired temperature unit.
3. Remove and reinstall the sensor's batteries.
4. Wait for the sensor's display to show the temperature unit has changed.

# Maintenance

## Replacing Batteries

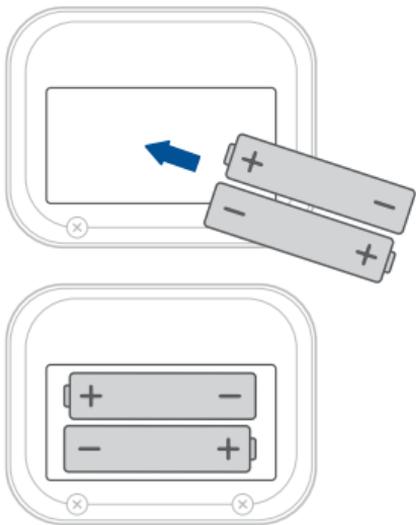
1. Flip the sensor over and open the battery compartment. *[Figure 2.1]*



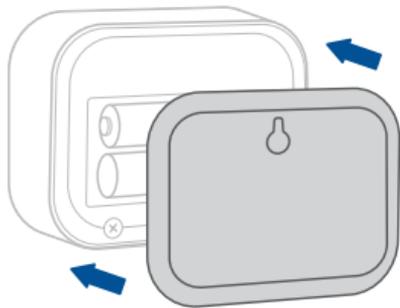
*Figure 2.1*

## MAINTENANCE (CONT.)

2. Remove the old batteries and install new AAA batteries, making sure they are inserted correctly. **[Figure 2.2]**
3. Replace the battery compartment lid by securely snapping the cover back into place. **[Figure 2.3]**



*Figure 2.2*



*Figure 2.3*

## Troubleshooting

Problem	Possible Solution
<b>The sensor display does not turn on.</b>	The battery tab in the battery compartment may still be intact. Open the battery compartment and pull the battery tab out, reinsert the batteries, and close the battery compartment (see page 12).
	The sensor's batteries may be low. Replace with 2 AAA batteries (see page 20).
<b>The sensor does not show temperature and humidity information.</b>	Make sure the sensor is on and batteries are installed with correct polarity (see page 25).

## TROUBLESHOOTING (CONT.)

Problem	Possible Solution
The VeSync app does not show the sensor's temperature and humidity information.	Restart the pairing process by removing the sensor's batteries and reinserting them. This will automatically put the sensor in pairing mode (see <b>Connecting the sensor to the VeSync app</b> , page 17).
The sensor does not connect to the thermostat.	Make sure the thermostat and room sensor are added to the same VeSync account.
	Make sure the thermostat and sensor are no more than 164 ft / 50 m away from each other (see <b>Installation</b> , page 11).

## TROUBLESHOOTING (CONT.)

Problem	Possible Solution
The sensor does not connect to the thermostat.	The sensor's batteries may be low. Replace with 2 AAA batteries (see page 20).

If your problem is not listed, please contact **Customer Support** (see page 34).

## VeSync App Troubleshooting

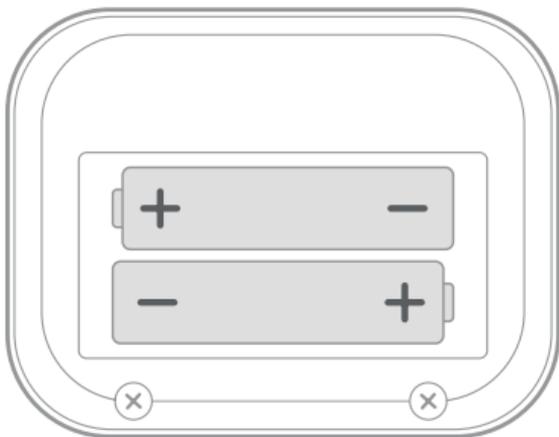
### Why isn't my sensor connecting to the VeSync app?

- Make sure your sensor and phone are within 30 ft of each other.
- Reset the sensor by removing and reinserting the batteries, then try connecting again (see page 20).

## TROUBLESHOOTING (CONT.)

### The sensor is offline.

- Make sure the sensor has batteries installed and the battery polarity is correct. *[Figure 3.1]*
- Make sure your router is connected to the internet and your smartphone's network connection is working.



*Figure 3.1*

## TROUBLESHOOTING (CONT.)

- Refresh the VeSync menu by swiping down on the screen.
- Delete your offline sensor from the VeSync app. Swipe left (iOS®) or press and hold (Android™), then tap Delete. Restart the sensor's pairing process with the VeSync app.

**Note:** *Power outages, internet outages, or changing Wi-Fi routers may cause your sensor to go offline.*

If your problem is not listed, please contact **Customer Support** (see page 34).

## FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT - PART 15

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.

## FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT (CONT.)

NOTE: This equipment has been tested and found to comply with the limits for a digital device, pursuant to 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.

## FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT (CONT.)

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

## FCC SDOC SUPPLIER'S DECLARATION OF CONFORMITY

Arovast Corporation hereby declares that this equipment is in compliance with the FCC. The declaration of conformity may be consulted in the support section of our website, accessible from [www.levoit.com](http://www.levoit.com).

## Warranty Information

Product Name	Aura™ Sensor
Model	LTM-AS041S-WUS
<i>For your own reference, we strongly recommend that you record your order ID and date of purchase.</i>	
Date of Purchase	
Order ID	

### Terms & Policy

Arovast Corporation (“Arovast”) warrants this product to the original purchaser to be free from defects in material and workmanship, under normal use and conditions, for a period of 2 years from the date of original purchase.

Arovast agrees, at our option during the warranty period, to repair any defect in material or workmanship or furnish an equal product in exchange without charge, subject to verification of the defect or malfunction and proof of the date of purchase.

## WARRANTY INFORMATION (CONT.)

There is no other express warranty. This warranty does not apply:

- If the product has been modified from its original condition;
- If the product has not been used in accordance with directions and instructions in the user manual;
- To damages or defects caused by accident, abuse, misuse or improper or inadequate maintenance;
- To damages or defects caused by service or repair of the product performed by an unauthorized service provider or by anyone other than Arovast;
- To damages or defects occurring during commercial use, rental use, or any use for which the product is not intended;
- To damages or defects exceeding the cost of the product.

## WARRANTY INFORMATION (CONT.)

Arovast will not be liable for indirect, incidental, or consequential damages in connection with the use of the product covered by this warranty.

This warranty extends only to the original consumer purchaser of the product and is not transferable to any subsequent owner of the product regardless of whether the product is transferred during the specified term of the warranty.

This warranty does not extend to products purchased from unauthorized sellers. Arovast's warranty extends only to products purchased from authorized sellers that are subject to Arovast's quality controls and have agreed to follow its quality controls.

All implied warranties are limited to the period of this limited warranty.

## WARRANTY INFORMATION (CONT.)

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

If you discover that your product is defective within the specified warranty period, please contact Customer Support via **support@levoit.com**. **DO NOT** dispose of your product before contacting us. Once our Customer Support Team has approved your request, please return the product with a copy of the invoice and order ID.

Every Levoit product automatically includes a 2-year warranty. To make the customer support process quick and easy, register your product online at [www.levoit.com/warranty](http://www.levoit.com/warranty).

## WARRANTY INFORMATION (CONT.)

This warranty is made by:

Arovast Corporation

1202 N. Miller St., Suite A

Anaheim, CA 92806

## Customer Support

If you have any questions or concerns about your new product, please contact our helpful Customer Support Team.

### **Arovast Corporation**

1202 N. Miller St., Suite A  
Anaheim, CA 92806

### **Support Hours**

Mon–Fri, 9:00 am–5:00 pm PST/PDT

**Email:** [support@levoit.com](mailto:support@levoit.com)

**Toll-Free:** (888) 726-8520

\*Please have your order invoice and order ID ready before contacting Customer Support.

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