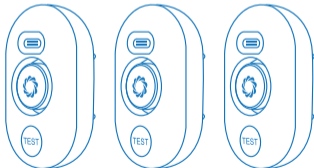
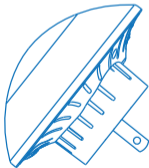




AIRTHEREAL

FL-100H & FL-101S FLOWLESS WATER LEAK DETECTOR WITH WI-FI GATEWAY



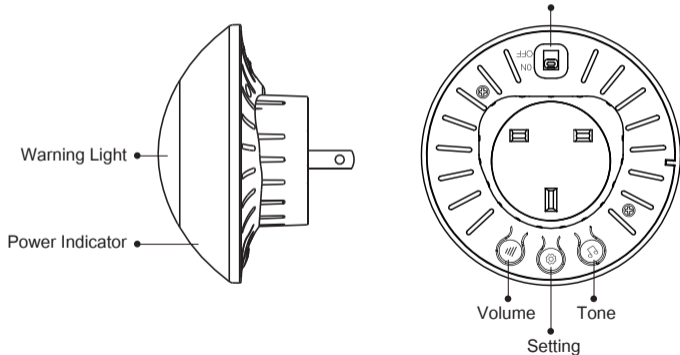
READ AND SAVE THESE INSTRUCTIONS

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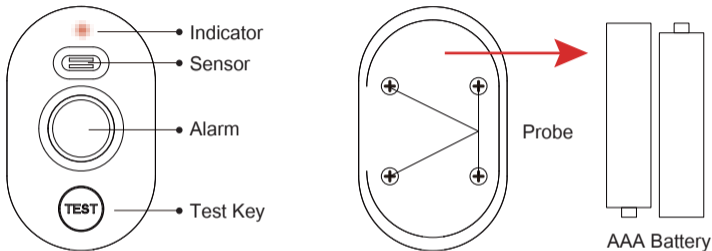
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PRODUCT STRUCTURE DIAGRAM

Wi-Fi Gateway



Water Leak Detector



Airthereal Water Leak Detector sounds an alarm after detecting water drips or leaks. After connecting to Wi-Fi, it instantly sends alert notifications to the app wherever you are.

***433 is a communication protocol with a frequency of 433MHz.**

Note: Obstacles or products of the same frequency (433MHz) will affect the reception of information.

SPECIFICATIONS

Wi-Fi Gateway

Model: FL-100H

Power Supply: AC 100-240V, 50-60Hz

Battery: 450mAh 3.7V Li-ion

Alarm Volume: 120dB

Standby Time: 7h

Connect: 24 Detectors Max

Water Leak Detector

Model: FL-101S

Sensor Contact: Detect water drip

Sensor Contact: Detect water leak(0.5mm)

Test Button: Pause alarm / Adjust volume

Batteries: 2 x AAA Battery

Alarm Volume: 120dB

IP Waterproof Rating: IP66

Packing List

- 3 X Water leak detector
- 1 X Wi-Fi gateway
- 6 X AAA battery
- 1 X User manual

SET UP AND OPERATION

Wi-Fi Gateway

1. **Power:** Power on / off (Battery powered).
 - For AC power: The gateway will automatically turn on when connected to the power supply. (When powered on, the Gateway will beep and the warning light will flash once).
 - For Battery: The gateway will automatically charge when plugged into AC power. (The power indicator changing from red to green means that the battery is fully charged).
2. **Tone:** Short press to select different alarm sounds.
3. **Volume:** Short press to adjust the volume of the gateway. (4 levels of volume + mute, default is the loudest setting).
 - Loudest levels: The warning light will flash twice, and the gateway will beep twice.
 - Mute: Warning light will flash twice.

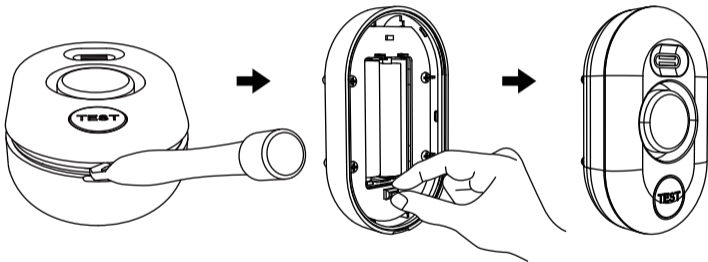
4. **Setting:** Short press to adjust mode.

Please refer to page 10 for the specific introduction of each mode.

Mode	Reaction
Armed	One beep sound
Disarmed	Two beeps sound
Home	Three beeps sound
SOS/Alert	Can't set

Checking the Water Leak Detector

Step 1 Install the battery

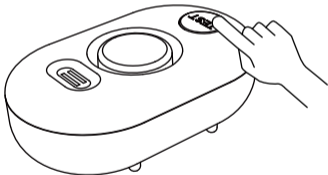


Step 2

Press the button [**Test**], and the detector will beep. Press again to pause the alarm.

Note: If there is no beep, open the back cover to check whether the positive and negative directions of the battery are installed correctly.

Press the button once.



Step 3

Adjust alarm volume by pressing and holding the test button for 3 seconds.
Press and hold for 3s each time to adjust one level of volume.

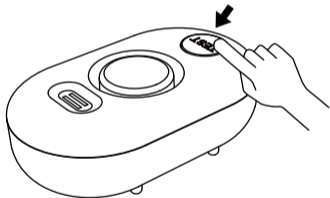
4 (DiDiDiDi-maximum sound)

3 (DiDiDi)

2 (DiDi)

1 (Di-mute)

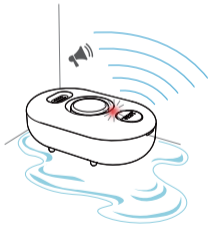
Long press the button 3s.



Step 4

Test that the device can detect water. The detector will alarm if you drip some water on the sensor contacts or put it on a wet surface.

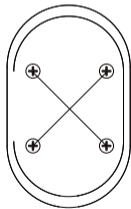
Note: There are four detection sensors on the bottom of the device. Two detection sensors in parallel lines will immediately alarm when they detect water. Two sensors in diagonal lines will not alarm when they detect water at the bottom of the detector.



Water Leak



Water Drip

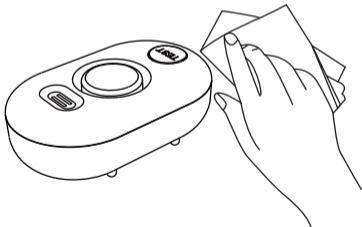


Not Alarm

Step 5

Press the test button to stop the alarm. Remove the device from the water and dry the sensors to stop the alarm completely.

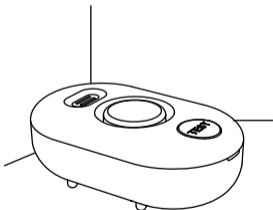
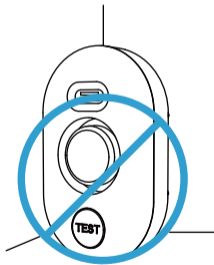
- The first alarm will last for 15 seconds. If the sensor alarm ends and there is still water, the sensor will continue to alarm every 15 seconds until dry or you press the test button to end.
- When the detector is still immersed in water after 24 hours, the detector will stop the alarm.



Installing Your Device

1. Plug the gateway into a power outlet or use the battery supply.
2. Lay the water leak detector flat where you want to detect water leaks.

Note: Keep the distance between the gateway and the detector less than 100m/328ft.



SET UP THE WATER LEAK DETECTOR

Preparation Before Connecting

1. Make sure your Wi-Fi router supports 2.4GHz (NOT 5GHz) and 802.11b/g/n bands.
Note: Most 5GHz routers can also be set to 2.4GHz band or dual band.
2. Make sure the Wi-Fi name and password are correct.
3. A smartphone or tablet supporting a 2.4GHz network.
4. Download the App named AIRIA from the App Store(iOS devices) or Google Play (Android devices).



AIRIA



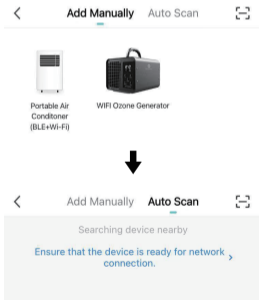
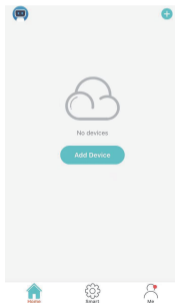
Google Play



App Store

Step 1

1. Connect your phone to the 2.4 GHz network your gateway will use.
2. Open AIRIA and tap the “+” icon in the top right corner.
3. Click Auto Scan, enter the finding page.

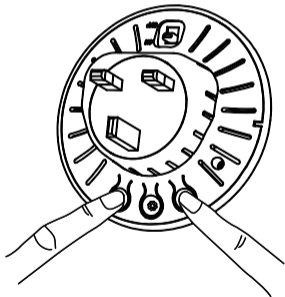


Step 2

Entering the Wi-Fi connection mode:

Press and hold the **“Volume”** and **“Alarm”** buttons to enter the connection mode.

The Warning Light will blink quickly. Make sure the gateway is powered on.

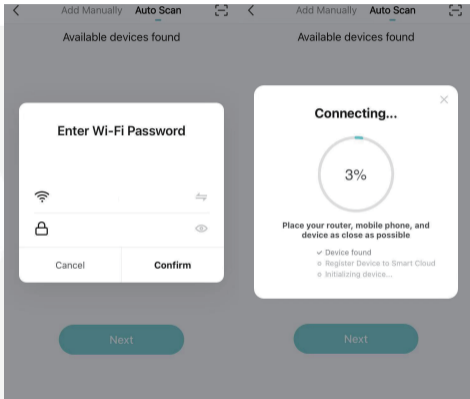
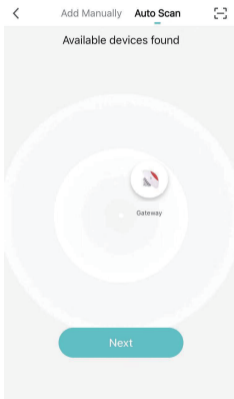


Step 3

1. Finding the gateway in the finding page, go to the next step.
2. Enter the password of your Wi-Fi network when prompted (same Wi-Fi network on which your smartphone is connected) and then click confirm.

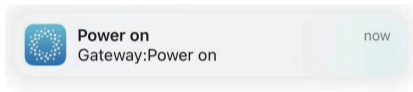
Important note:

The alarm unit must be connected to a 2.4 GHz Wi-Fi network. If your router (internet box) broadcasts 2 Wi-Fi bands (2.4GHz and 5GHz), consult your router user manual to learn how to select the 2.4 GHz Wi-Fi band.



Step 4

Your device is now connected successfully. You can find the gateway in the device list.

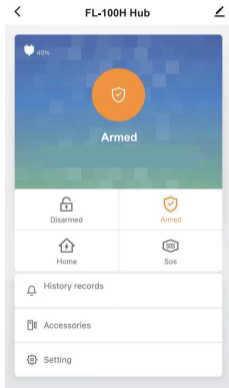


Added.







FL-100H Hub 

Device added successfully



MODE CONTROL WITH AIRIA

 Disarmed	 Armed
 Home	 SOS

The above buttons are used to manage the system:

Armed

This Mode should be used when you go out and there is no one at home.
(Detector will trigger the alarm regardless of any Zone Attribute.)

Disarmed

This Mode should be used when someone wants to cancel an alarm.
(No Detector will trigger the alarm unless it is set to "**SOS**" Zone Attribute.)

Home

This Mode should be used when someone wants to stay home and feel safe.
(Detectors set to active in "**HOME**" Zone Attribute will NOT trigger the alarm.)

SOS

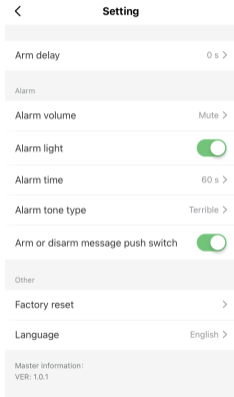
This Mode should be used when users need help in an emergency.
(All Detectors will be triggered regardless of any Zone Attribute immediately.)

Model	Zone Attribute	Gateway	App	Detector
Armed	Normal/Home/SOS	Trigger	Send Notification	Alarm
Disarmed	Normal/Home	Not Trigger	/	Alarm
	SOS	Trigger	Send Notification	Alarm
Home	Normal/SOS	Trigger	Send Notification	Alarm
	Home	Not Trigger	/	
SOS	Normal/Home/SOS	Trigger (No leak trigger required)	Send Notification	Alarm immediately (No leak trigger required)

Note: when the detectors are set to "SOS " in the zone attribute, any mode will trigger the gateway and the App will send a notification to alert you.

SETTING MENU FOR THE GATEWAY

- **Arm delay:** Set the delay time of arming (delay reaction time when arming).
- **Alarm volume:** Adjust the siren volume.
- **Alarm light:** Turn on/off the warning light.
- **Alarm time:** Set the duration of the siren.
- **Alarm tone type:** Adjust the siren sound.
- **Arm or disarm message push:** Whether to receive the notifications from the App or not.
- **Factory reset:** Restore the factory default settings, related device data will be removed, please take care when confirming.
- **Language:** Set the system language.

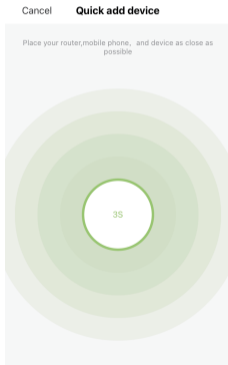
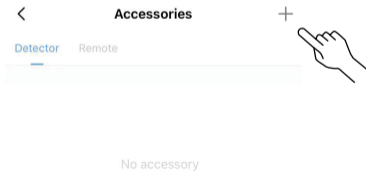


SETTING FOR WATER LEAK DETECTOR

Add or Re-add Water Leak Detector

Step 1

1. To add accessories to your system, enter the AIRIA system and click on “Accessories”.
2. Then click on the symbol “+” at the top right of the screen.

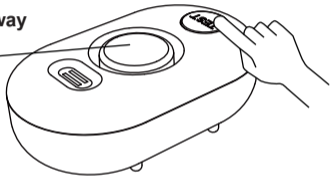


Step 2

To add additional detectors, simply trigger them by pressing the Test button.

The detector connects the gateway

Press Test Button once



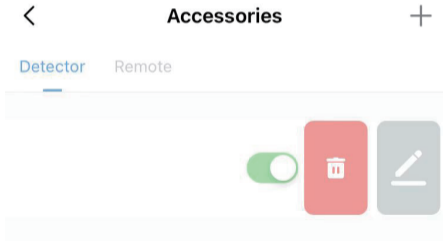
When you perform one of the operations, the control panel will beep (after connection, press [**Test**] to cancel the alarm) and the accessories on the App will display “detector01 detector02 detector03”.

Note: In order to connect you need to bring them as close together as possible to avoid any transmission problems.

Disconnect The Water Detector

App

1. In the accessories system, select the detector you want to disconnect and slide left to cancel.
2. A factory reset can disconnect all the devices and restore the factory default settings.

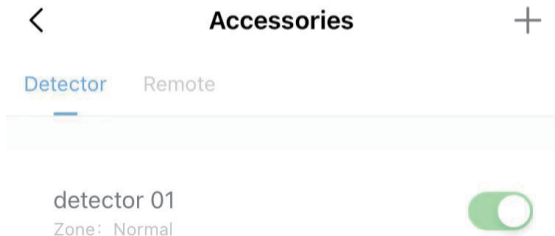


Gateway

Long press [||||], then it will beep 4 times, which means all the devices are disconnected.

Zone Type Settings For Detectors

In the accessories, click on the detector you wish to set up



You can modify the name in the leaky area from the device name

Cancel **detector 01** Save

Sub device name detector 01 >

Device enabled

Zone attribute Normal >

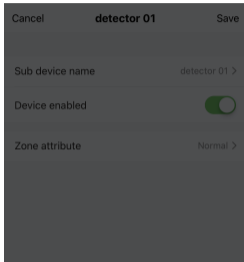
After closing, the detector can't trigger the gateway

Setting zone attribute

Normal: The detector is activated when the system is armed or home.

SOS: The detector is activated regardless of any mode(armed, disarmed, or home).

Home: The detector is activated when the system is armed, it will be inactive when the system is home.



Detector Turn On/Off

Note: The detector will automatically turn on when the batteries are installed properly.

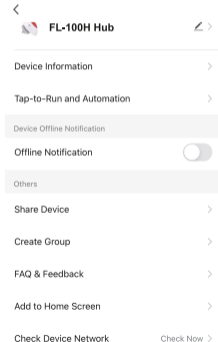
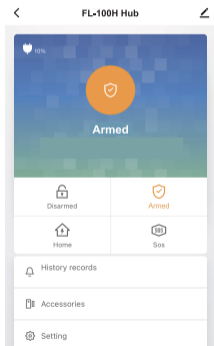
Turn on: Press and hold the **[Test]** button for 10 seconds, it will make a short "beep" sound, indicating that the detector is turned on. (Suitable for restart after shutdown).

Turn off: Press and hold the **[Test]** button for 10 seconds, it will make a long "beep" sound, indicating that the detector is turned off.

BASIC SETTING AND INFORMATION SHARING

Share Device: share information with other users.

Create Group: create a discussion group to view the real-time situation.



LOW BATTERY REMINDERS

Gateway

When the gateway battery voltage is lower than 3.6V, the warning light will flash 3 times every 40 seconds and buzz three times. The App will also send a low battery reminder.

Detector

- The detector will beep three times and send a low power signal to the gateway, gateway alarm. (this action is only done once).
- When the battery power is low, it will automatically shut off and prompt the user to replace the battery.

If you press the **[Test]** button and the detector doesn't emit a beep, it means the battery is dead.

LIMITED WARRANTY

Airthereal warrants all Gateway and Detector for **1 year**. For more information please visit www.airthereal.com/warranty.

What's covered?

Defects due to faulty materials and/or workmanship of the product.

What's NOT covered?

1. Damage caused by the owner when attempting to fix or altering the product by himself or herself.
2. Damage caused by misuse, abuse, neglect, alterations or unauthorized repair.
3. Natural depreciation.

Warranty Period

Warranty becomes effective from the date of original purchase and will last for **1 year**.

Who's covered?

This limited warranty is only effective for the original purchaser. It is non-transferable.

How to request warranty services?

To obtain the benefit of this warranty, please email support@airthereal.com. Our customer service team will address your issue as soon as possible!

Always here to help you
www.airthereal.com

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