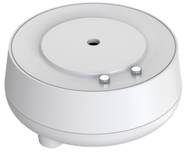
Water Leak Sensor

User Manual



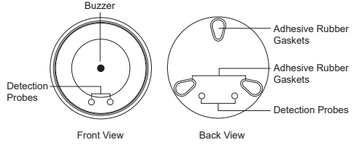
Introduction

The water leak sensor can detect leaking water on the top and bottom side, enabling early intervention and damage reduction. Simply place the sensor where water could leak, for example under the sink, the washing machine or in the laundry cellar. As soon as a water leak is detected, it will sound a high-pitched 110dB alarm to alert you to take action immediately.

Specifications

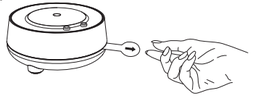
Specifications	Water Leak Sensor
Battery	DC3V, 1 x CR2450 battery required
Battery life	Up to 3 years
Standby current	<5uA
Alarm current	<50mA
Alarm volume	Max 110dB
IP rating	IP65
Smart Home Integration	No
Automatic Shutoff	No
Operation Conditions	32°F to 120°F (0°C to 49°C)

Diagram



Using and Installing the Water Leak Sensor

1. Power on



The sensor requires 1x CR2450 battery, which has been installed, please pull out the insulation strip to us.

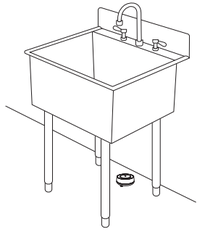
2. Test

To test the sensor works properly, short-circuit the two probes on top and bottom with a screwdriver or other conductive object to imitate an alarm for a water leak.

3. Place the sensor in the spot where water leak may occur.

Choose a spot where floods, leaks, and water infiltration can occur and ensure that the detection probes touch the surface being monitored. It is Ideal for use in areas not usually observed:

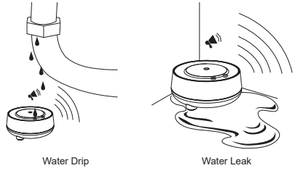
- Water heaters
- Behind washing machines or dishwashers
- Under sinks
- Sump pumps or inside pits
- Toilets
- Behind or near media systems



Note: If the surface you're placing on is not flat, try to place the sensor at the lowest point.

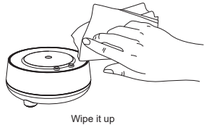
4. Alarm

When water is detected by either pair of detection probes on the top or bottom, the sensor immediately sounds an alarm for 200s, then beeps every 30s until the battery runs out.



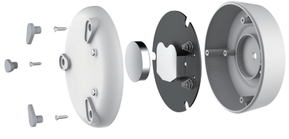
5. Clear the alarm

Wipe up the water on the sensor with a cloth or tissue and it will stop the alarm.



Wipe it up

5. Replacing Battery



(1) Remove the three adhesive silicone gaskets from the bottom of the sensor.
(2) Using a Phillips screwdriver, remove the three screws.
(3) Remove the back cover
(4) Remove the old battery and replace with a new battery (verify the polarity and insert properly + and - marked on the battery)
(5) Reassemble the sensor and ensure that the silicone gasket is secure to avoid any water infiltration.

Troubleshooting

Issue	Cause	Solution
The water leak sensor doesn't work	The insulation strip has not been removed	Pull out the insulation strip before use
	Battery runs low	Replace a new battery
	Battery installed improperly	Re-install the battery

FCC Compliance Notice

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.

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

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 2 1 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

印刷说明：

1、尺寸：70×70mm
2、128g铜版纸
3、风琴折双面印刷