

Water Leak Sensor

User Manual

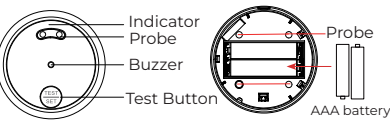


Please read this manual carefully before use and keep it properly for future reference.

I.Product Overview

The water leak sensor adopts sensitive detection technology and sends water leakage alarms to the host in time via wireless 433.92MHz signals. It is widely used in homes, computer rooms, warehouses and other places to effectively prevent water damage losses.

1.1 Product Appearance



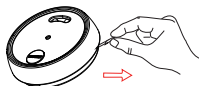
Device Status	Indicator Light (Red)	Buzzer
Power on	Flashes once	"Beep" once
Test alarm	Flashes continuously	3 slow beeps "Beep--"
Water leak alarm	Flashes continuously	15 slow beeps "Beep--"
Low battery alarm	Flashes 3 times	3 quick beeps "Beep Beep Beep"

II.Technical Specifications

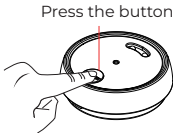
Operating Voltage: DC 3V (2×1.5V AAA batteries)
Alarm Indicator: Red LED
Alarm Duration: >8 seconds
Alarm Volume: >80dB at 1m
Transmitting Frequency: 433.92MHz
Wireless Range: >100m (in open air)
Operating Temp.: -10°C to +55°C
Operating Humidity: <95%RH (no condensation)
Size: ϕ 67×24.5mm
Waterproof Rating: IP66

III. Using the Water Leak Sensor

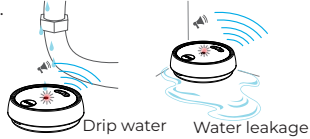
①Remove the insulating sheet:
Pull out the insulating sheet vertically.



②Status test
Press the button. The sensor will beep after 1 second, indicating it's working properly.
If there's no beep, open the back cover with a screwdriver and replace the battery.

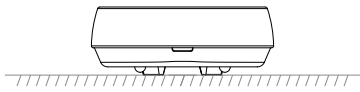
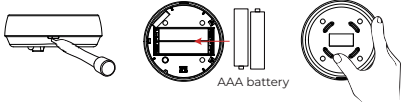


③Water detection and alarm
If you drip water on the sensor probe or place it on a wet surface, the sensor will alarm.



④Alarm cancellation: Take the device out of water and dry it to stop the alarm.



IV. Installing the Water Leak Sensor Installation method: Effective distance verification: After successfully adding the device, at the selected water leak sensor installation location, press the TEST/SET key once. If the host receives an alarm message, it indicates that the sensor and the host can communicate effectively. Way: Place it directly on the plane to be monitored. 	V. Battery Replacement When the battery is low, the device will emit three fast beeps, and the red LED will flash quickly three times. The mobile app will also send a low-battery reminder to prompt you to replace the battery. How to replace the battery: ① Take off the bottom cover and open the battery compartment. ② Take out the old battery and insert two new AAA batteries of the same type. ③ Close the battery compartment and test if the sensor works properly. 	VI. Maintenance After the device alarms, shake it quickly several times to remove moisture from the buzzer's sound holes. Then wipe the top and bottom probes with a dry soft cloth or tissue, and put it back in place. Warning: The device should work at a temperature between -10°C and 55°C, and humidity below 95% RH. Do not disassemble it by force, otherwise the device may be damaged.
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VII. Troubleshooting <table border="1"> <thead> <tr> <th>Problem</th><th>Cause</th><th>Solution</th></tr> </thead> <tbody> <tr> <td>No response when pressing test button</td><td>Battery dead</td><td>Replace battery</td></tr> <tr> <td rowspan="2">The device does not sound when there is a water leak.</td><td>Battery dead</td><td>Replace battery</td></tr> <tr> <td>Device on uneven surface</td><td>Place on flat surface</td></tr> <tr> <td>False alarm</td><td>Triggered by water/metal</td><td>Touching probe with wet hands, water spills (e.g., handwashing, esp. in bathroom), high humidity, or metal connecting probes cause alarms.</td></tr> <tr> <td rowspan="2">Low alarm volume</td><td>Water in buzzer</td><td>Device is waterproof. Hold and shake to get water out of alarm hole until volume is normal, then put back.</td></tr> <tr> <td>Low battery</td><td>Replace battery</td></tr> </tbody> </table>  Environmental Protection: Don't throw used batteries with household waste. Put them in the provided recycling bin.			Problem	Cause	Solution	No response when pressing test button	Battery dead	Replace battery	The device does not sound when there is a water leak.	Battery dead	Replace battery	Device on uneven surface	Place on flat surface	False alarm	Triggered by water/metal	Touching probe with wet hands, water spills (e.g., handwashing, esp. in bathroom), high humidity, or metal connecting probes cause alarms.	Low alarm volume	Water in buzzer	Device is waterproof. Hold and shake to get water out of alarm hole until volume is normal, then put back.	Low battery	Replace battery
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§ 15.19 Labelling requirements. 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. § 15.21 Information to user. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. § 15.105 Information to the user. 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 warning for Portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.																					

Date: 2025.12.6			
产品型号	PG-H02R	部件名称	英文说明书
版 本		材 料	80g书写纸（正反印）
印刷尺寸	180*120mm	成品尺寸	60*60mm
工 艺			
注：风琴折，成品对折成三等份 字体:标题8号正文7号 加警告语			