

SSW5R0-29

DECT Water Detector Installation Guide

Introduction

Protect your home from expensive leaks and Waters by installing a Water Detector near water, heaters, drain pans, and underneath sinks. The Water Sensor is small, easy-to-use, and fits almost anywhere. Sit the sensor directly on the ground and it will notify you if it detects the presence of water. The water sensor has a built-in buzzer to make audible alerts when alarms are triggered. With two types of sensing probes, the sensor can be deployed on the ground or mounted on the wall.

Specification

Radio Frequency	1.9GHz DECT
Battery Type	CR123A
Operating Temperature	0° C to 55° C (32°F - 121°F) at 10% - 80% RH Non-condensing
Storage Temperature	-10° C to 60° C (14°F - 140°F) at 0% - 90% RH Non-condensing
Dimension	∅76 mm x 25 mm

Pairing Sensor

Initiate connecting the device to the base station using the instructions provided with it

1. Remove the top cover of the device.
2. Remove the isolation tab of CR123A battery.
3. The LED indicator will be blinking blue attempting to pair with the gateway or base station.
4. If network is not found after 90 seconds, the sensor will go into sleep mode. To wake the sensor again, you need to long press the tamper button for 5 seconds to trigger the pairing process, and then sensor will repeat steps from the step 3 to step 4.
5. Follow the directions presented by the gateway or base station to complete pairing. If the sensor needs to be tripped in order to complete pairing a water detection event can be simulated by bringing the probes into contact with moisture.
6. Close top cover of the device.

Mounting Water Detector

The Water Detector can be deployed on the ground or mounted on the wall.

Ground Deployment

When the device is deployed on the ground, the Water Detector detects water through the probes protruding from its back cover.

1. Put the Water Sensor on the ground with the back cover facing downward.
2. Possible Water Sensor areas include: in the water heater tray, in the sump pump, at the toilet base, or at ground-level of the basement.

Wall Mounting

When the device is deployed on the wall, the Water Detector must be connected to the external extension probe.

1. Use the included screw to secure the mounting bracket to a clean, dry surface of the wall.
2. Remove the waterproof plug that covers the USB interface.
3. Connect the extension water probe into the device terminal.
4. The two sensor probes at the end of the cable are close to the base of the area to be monitored (about 1-2mm away), or the probe housing is laying flat on the base of the area to be monitored.
5. In order for the sensor to work, BOTH probes must have contact with water. Make sure both probe tips are positioned correctly. Use the included adhesive pad/screw to secure the probe housing to a clean, dry surface.

Operation

1. The LED will stay off during the normal operation.
2. When the probes come into contact with water, Water Detector will transmit alert information to the Gateway.
3. Whenever the water level subsides, the Water Sensor will transmit an alarm restore signal and stop the alarm.
4. After the water has subsided and the probes are no longer in contact with water, the Water Detector will send a restore signal to the Gateway to indicate the water condition has been restored. The Water Detector then returns to Normal Operation Mode.

Reboot the Water Detector

If Water Detector needs to reset to factory defaulted (for example, to prepare it for joining with a home controller or security system).

Reset to Factory Defaults

1. Open Water Detector top cover.
2. Press the tamper button for 20 seconds then release the button.
3. The Blue LED will be blinking for 3 seconds when the device is reset successfully.
4. The sensor will now be reset to factory defaults and will initiate pairing mode.

Note: Replace Battery with CR123A only. Use of another battery may negatively impact the performance of the product.

Caution

RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

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 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 equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.