

# Installation Guide

WL4200

Smart Water Leak Detector

**zigbee 3.0**

sinopé

## Your Smart Water Leak Detector WL4200



Indicator light

**Connection button:**  
Press once to activate the connectivity session.

Electrodes

This product must be connected to Sinopé's smart water valve (option A) or to any other Zigbee compatible system (option B).

### Audible alarm:

The detector emits an alarm when water is detected by the electrodes or if batteries are low.



## Option A) Connection to Sinopé's Smart Water Valve

**1** The mode switch of the valve must be in position "1". The valve must be plugged into a power outlet.

**2** Press the "B" button to open the network connectivity session for the detectors. The indicator lights will light up in sequence to indicate that the session is active.

**3** Connect the detector to the network from its installation location. This will ensure it is within range of the RF signal of the valve. Remove the cover and insert the batteries.

**4** Press the detector's connection button.

**5** Press the "B" button on the valve to close the connectivity session.

Light	Status
Green light blinks	Device is connecting
Green light lit for 10 s	Successful connection
Red light blinks	Connection has failed*

\* Refer to the "Support" section of our Website at [www.sinopetech.com](http://www.sinopetech.com).

The connection can be verified at any time by pressing the water leak detector's button. The indicator light will light up in green for 10 seconds if the unit is connected.

## Option B) Connection to a Zigbee Compatible System

①

To open a connectivity session, refer to the instruction manual of your Zigbee hub.



②

Press the detector's connection button to connect it to your network.

Light	Status
Green light blinks	Device is connecting
Green light lit for 10 s	Successful connection
Red light blinks	Connection has failed*



\* Refer to the "Support" section of our Website at [www.sinopetech.com](http://www.sinopetech.com).

## Testing the Smart Water Leak Detector

Test the detector by putting the electrodes in contact with a small amount of water (1 tsp). The audible alarm will be activated. Wipe the electrodes with a dry cloth to cease the alarm.



If the alarm isn't activated, refer to our Website (FAQ).

For more information, visit our Website at: [www.sinopetech.com](http://www.sinopetech.com).

## Suggested uses:

- Dishwasher
- Water heater
- Washing machine
- Drain pump
- Bathtub
- Sink
- Toilet
- Etc.

## Technical specifications:

**Operating temperature:** 0 °C to 40 °C (32 °F to 104 °F)

**Storage:** -20 °C to 50 °C (-4 °F to 122 °F)

**Power supply:** 2 AAA batteries

**Autonomy:** 4 years of normal use

## Zigbee 3.0 profile

**Frequency:** 2.4 GHz

**Transmission power:** +20 dBm

**Receiver sensitivity:** -108 dBm

Indoor installation only.

## Protect your belongings and avoid the inconvenience caused by water damage.

This product emits an audible alarm and sends an e-mail or SMS notification when a water leak or temperature drop is detected. \*



Combine this product with one of Sinopé's valves so that your water is shut off as soon as a leak is detected.

\* Required: Sinopé's smart water valve or Zigbee compatible hub (not included)

Transmitter module IC: 22394-ZBM1501/ FCC ID: 2AK2T-ZBM1501

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device does not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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.

## 3-year limited warranty

SINOPÉ TECHNOLOGIES INC. warrants the components of their products against defects in material and workmanship for a 3-year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. If at any time during the warranty period the product is determined to be defective, SINOPÉ TECHNOLOGIES INC. will replace it. This warranty does not cover any transportation costs that may be incurred by the consumer. Nor does it cover a product that has been improperly installed, misused or accidentally damaged. A water detector's casing that has completely been immersed in water will not be covered by the warranty. The obligation of SINOPÉ TECHNOLOGIES INC., under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the components. The manufacturer shall not be liable for incidental, consequential, or special damages arising at, or in connection with product use or performance. This warranty does not cover damages or loss caused by defects, and the owner's use of the SINOPÉ TECHNOLOGIES INC. product confirms the understanding that this product does not constitute an insurance policy, and is only a product used to reduce the risk of water damage.

**sinopé**

For more information, visit our Website:

[www.sinopetech.com](http://www.sinopetech.com)

To be informed about upcoming products:



or subscribe to our newsletter.

660-5050-0003-D