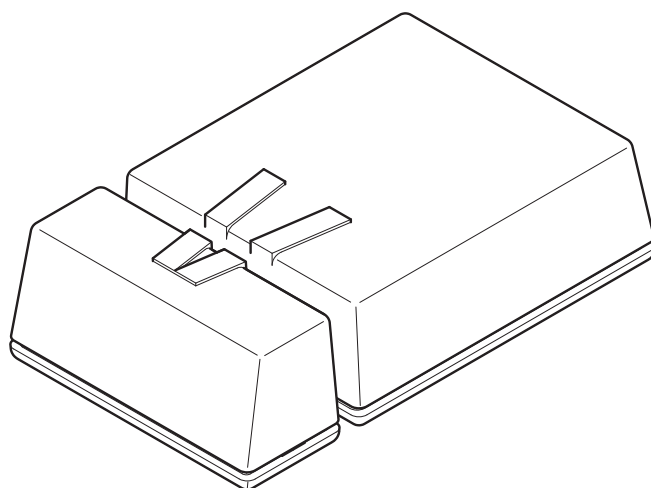


XS4 Sense Door/Window wireless sensor



Manufacturer's data:

SALTO SYSTEMS S.L.

Arkotz 9, Polígono Lanbarren 20180

Oiartzun (Guipúzcoa) - Spain

Tel. +34 943 34 45 50

Dear client,

Thank you for choosing one of our products.

This manual contains all the information necessary for a successful installation.

We therefore recommend that you read it carefully and keep it safe for future reference.

If you need further clarification, we remain available to provide you with any information required.

The manufacturer reserves the right to make improvements to the equipment or accessories at any time without prior notice.

The total or partial reproduction of this booklet is prohibited without the consent of the Manufacturer. The measures provided are indicative and not binding.

In case of disputes, the original language of the manual is Italian. The Manufacturer is not responsible for any translation/interpretation errors.



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SAFETY WARNINGS

Before proceeding with any installation operation, in order to acquire adequate knowledge of the product, it will be necessary to inspect it thoroughly. Make sure that all the information in this manual corresponds exactly to the configuration of the product you have purchased.

In the event that differences are identified, it is necessary to contact the Manufacturer, in order to obtain the assistance and specific technical information necessary to operate.

In the event that supplementary documentation is provided to this manual, it must be kept together with this booklet and must be considered an integral part of it.



Before proceeding with the installation of the product, it is mandatory to read this booklet.



All installation, assembly, connections to the electricity network and ordinary/extraordinary maintenance must be carried out only by technicians who comply with the legal requirements and must use personal protective equipment (e.g. gloves, etc.), according to the regulations in force in the country of use and in compliance with the regulations relating to systems and safety at work.



Installers and maintenance technicians may NOT operate on the product in the case of:

- lack of experience, of responsibility or if minors;
- with physical impairments or in less than perfect psychophysical conditions;
- do not possess the mastery of the operation of the product;
- have not followed a theoretical/practical preparation training alongside an operator, or alongside a technician of the manufacturer.
- Personnel should not attempt to “self-train” on the basis of documentation or experience that is not conducted directly on products identical to those covered by the manual.



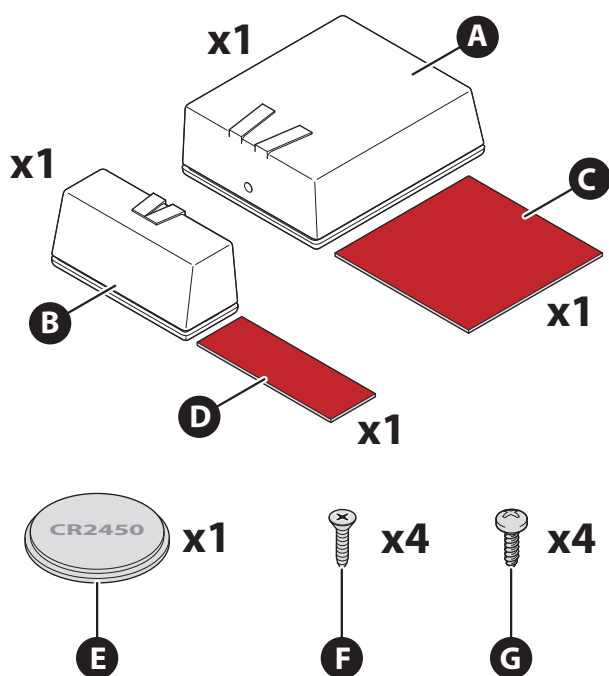
The Manufacturer cannot be held responsible under any circumstances for accidents or damage resulting from the inappropriate installation of the product.



The installation of the product must take place in environments where the temperature is between 0 °C and 45 °C and humidity between 0 and 99%.

2

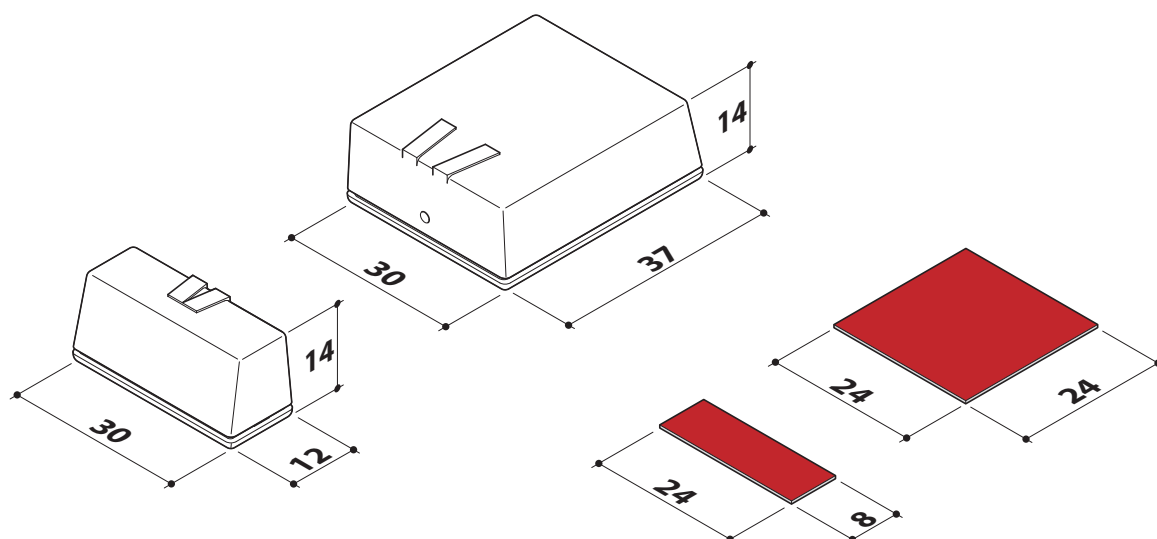
PACKAGE CONTENTS



- A) Sensor
- B) Contact
- C) Double-sided adhesive for sensor
- D) Double-sided contact tape
- E) Sensor battery (CR2450N)
- F) Wood screw 2.5x16mm
- G) Screw for metal 2,2x16mm

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DIMENSIONS



Measurements expressed in millimeters.

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SPECIFICATIONS

XS4 SENSE CHARACTERISTICS

Frequency range	2400 MHz to 2483,5 MHz
Connection standards	Bluetooth Low Energy 5.0
Transmit power	+2 dBm (Bluetooth)
Sensor Type	Magnetic
Internal range	10-15 meters
Battery type	CR2450 / CR2450N
Battery life	3 years

POWER CONSUMPTION

Normal	Max	Units of Measurement
0,015	0,027	mA

ENVIRONMENTAL CONDITIONS

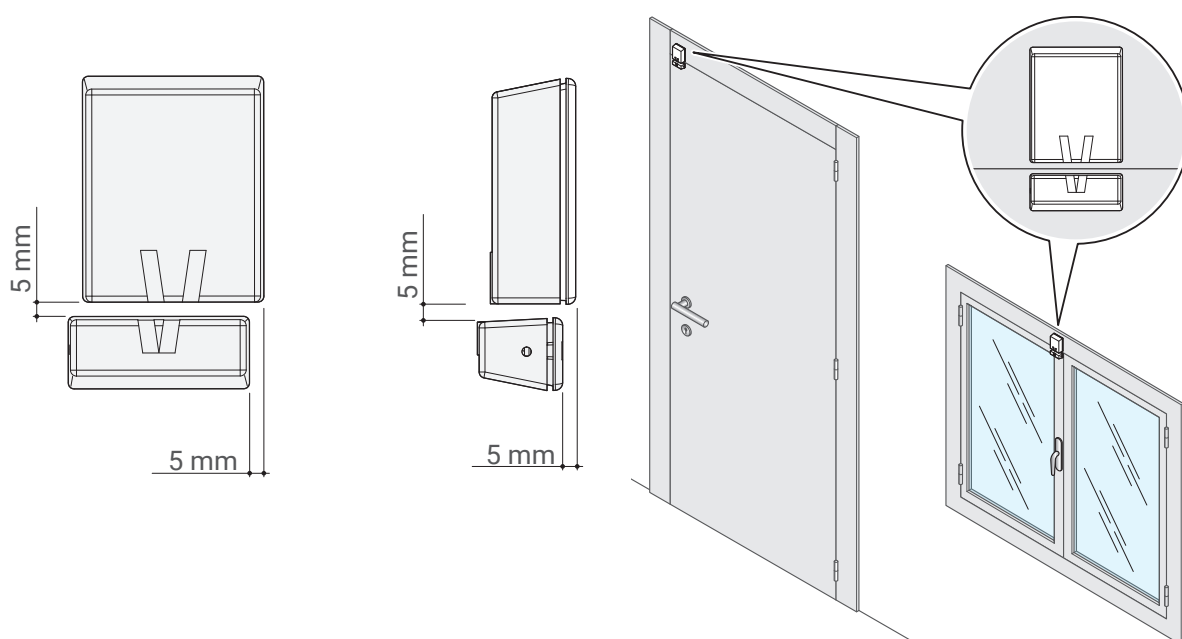
	Minimum	Max	Units of Measurement
Temperature	0	45	°C
Humidity	0	99	%



Environmental factors such as metal or concrete walls can significantly affect the Bluetooth signal range. The controller should be placed in front of the Multi-Sensor, the Door/Window Sensor and the WiFi Access Point. Recommended connectivity range: 10-15 meters.

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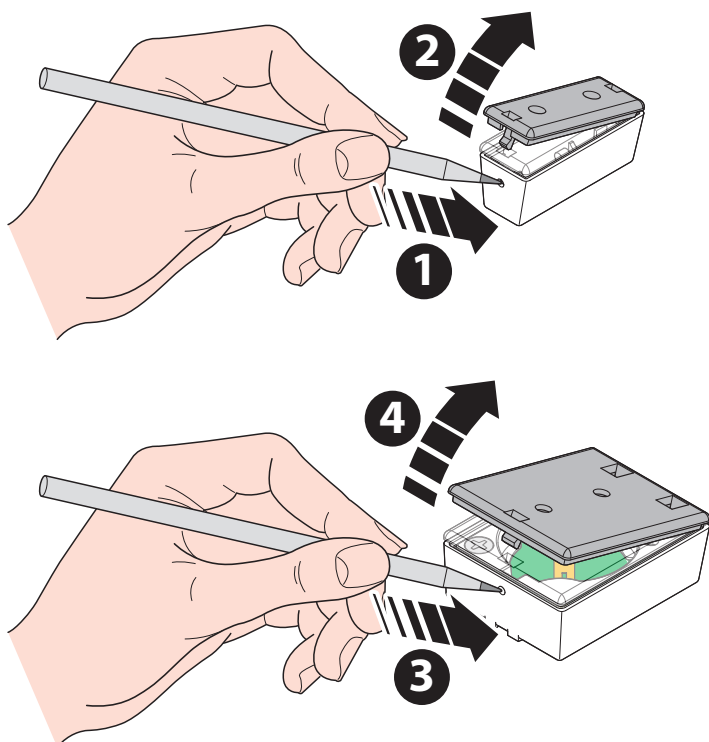
POSSIBLE INSTALLATIONS



Install the sensor in a location where even the slightest opening of the door or window can be reliably detected. Special attention should be paid to bottom-hung windows, which require more attention in locating the correct installation point due to their specific opening mechanism.

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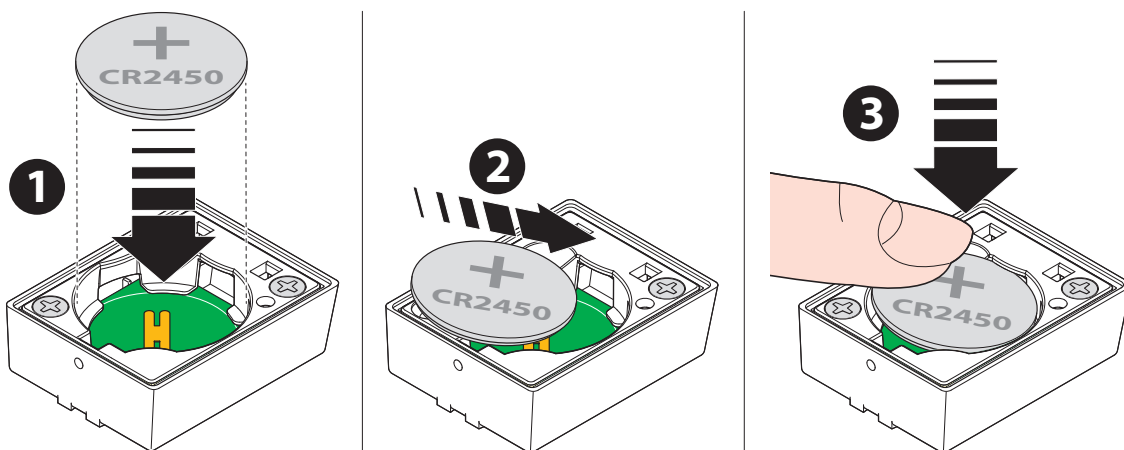
INSTALLATION



Using an appropriately sized pointed tool to open the covers of both devices. Insert the tool into the hole, then press and lift the cover simultaneously to detach it from the main body.

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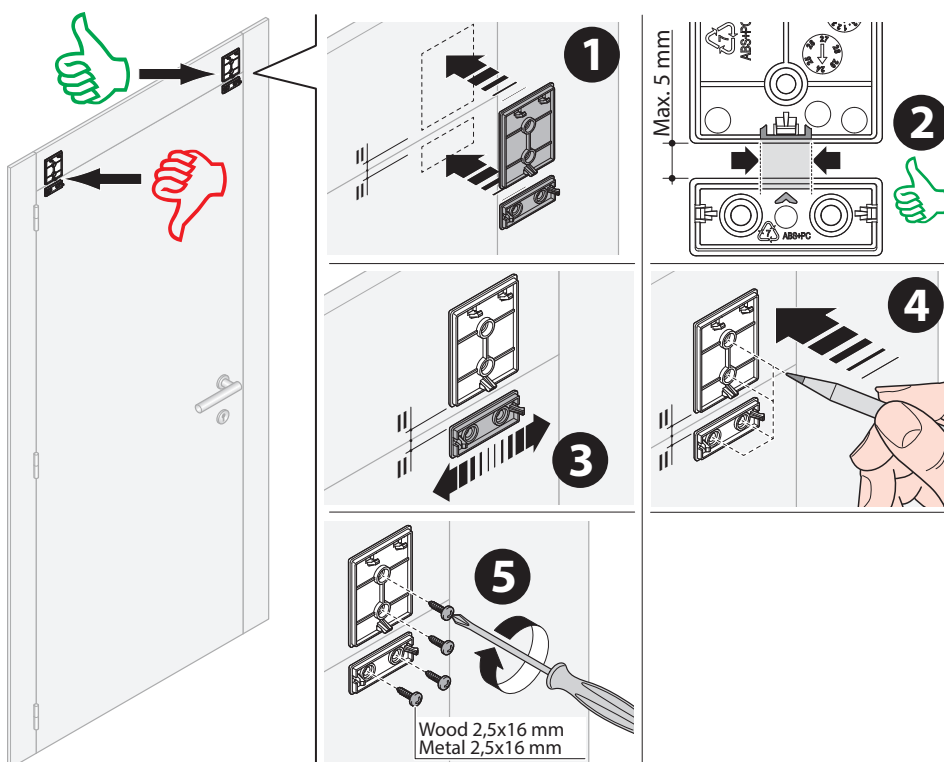
BATTERY INSERTION



Install the included CR2450 3V battery as indicated in the illustration, making sure the polarity is correct.

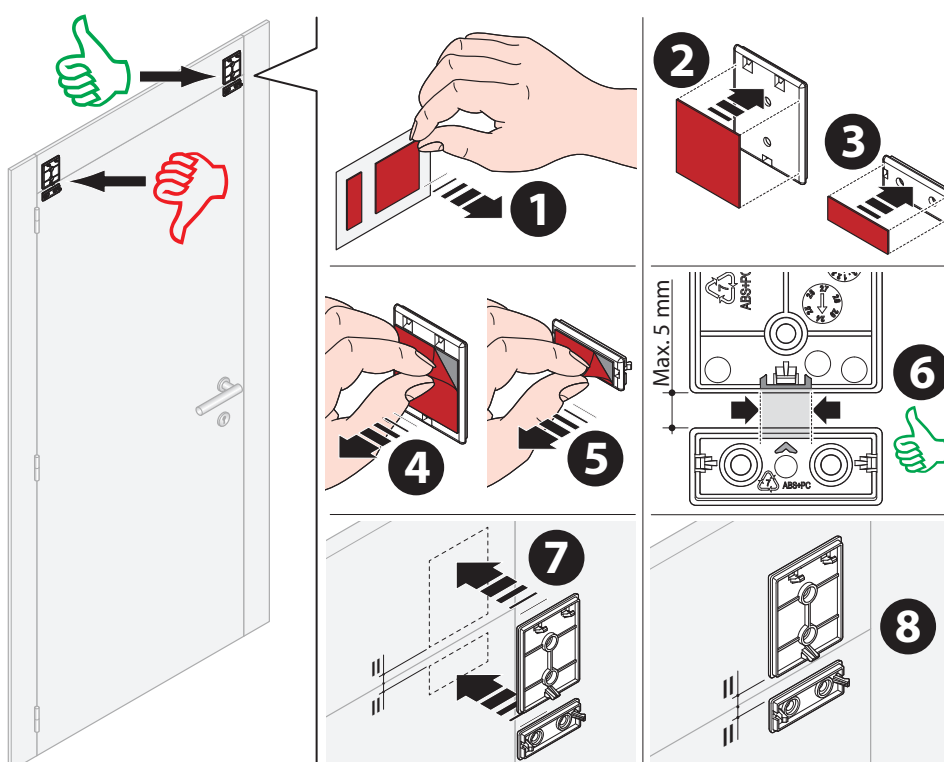
8

FIXING WITH SCREWS



9

FIXING WITH DOUBLE-SIDED ADHESIVE TAPE



10

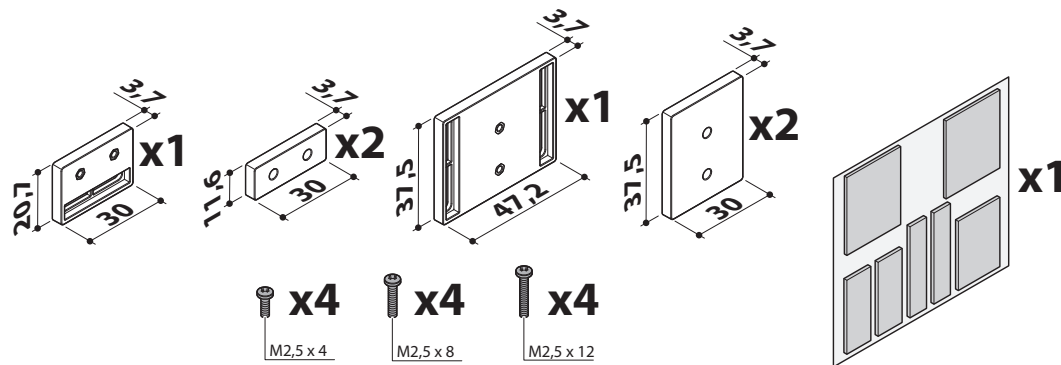
USING GREMSDW OR GREMSDB SPACERS



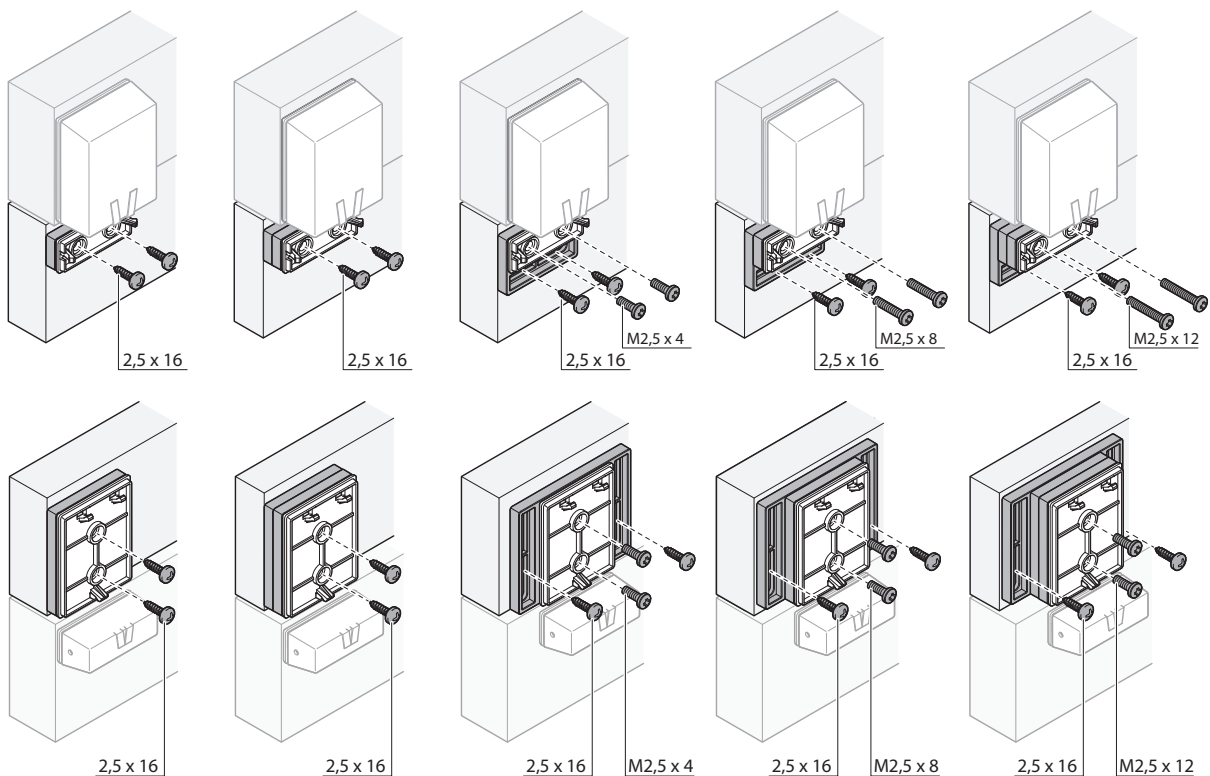
In case of disparity between the fixed and the moving part, it is possible to use the GREMSDW or GREMSDB spacers to equalize the level.

For both parts of the sensor, there are simple spacers that allow you to make adjustments.

Kit contents.

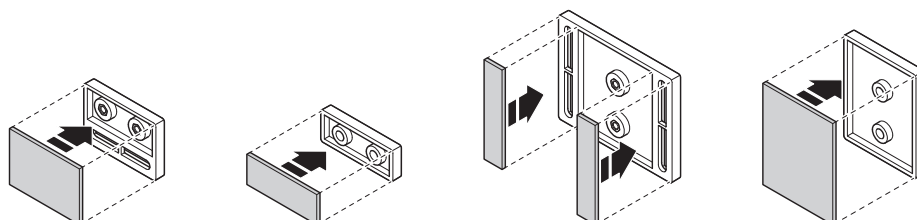


Possible installations.



Fixing with double-sided adhesive.

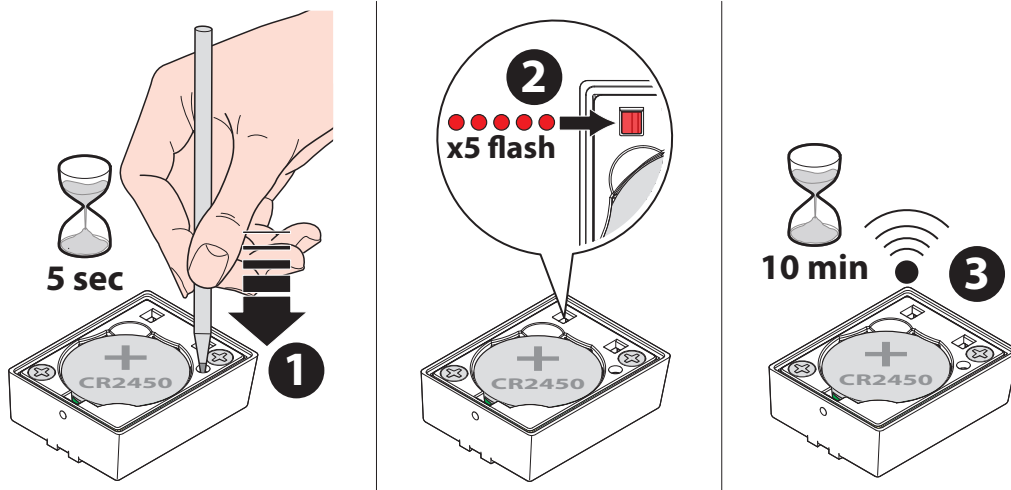
The spacers can also be installed using double-sided adhesive, by applying it as shown below onto the spacers and then attaching them to the moving or fixed parts as needed.



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PAIRING WITH THE APPLICATION

Activate the application on your device and follow the instructions in the support portal to access the section dedicated to registering the door/window sensor. Then proceed as illustrated.

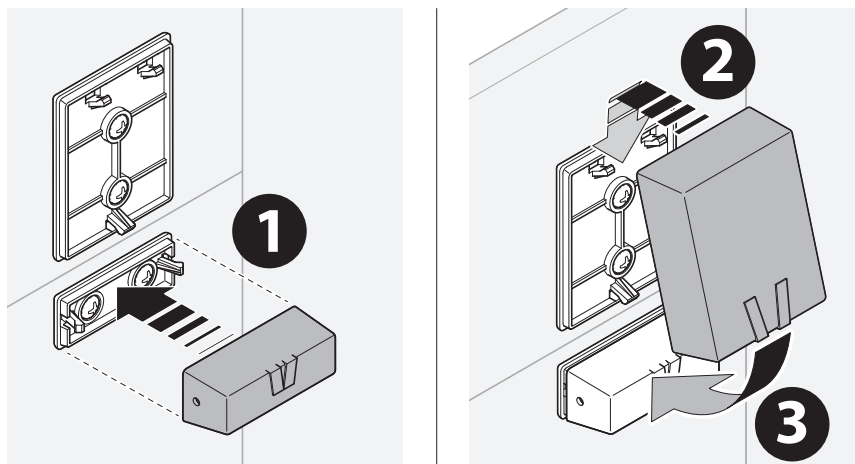


After the LED flashes, the device will remain discoverable for 10 minutes, allowing the operator to complete the registration via the application. Once the registration is complete, the device will no longer be discoverable.

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FIXING ON THE SUPPORTS

Once the sensor is associated, mount it and you can place it on its support. Also place the magnetic part.

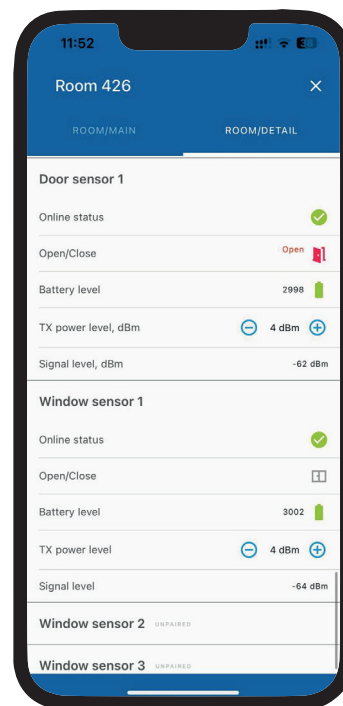


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TESTING THE SENSOR

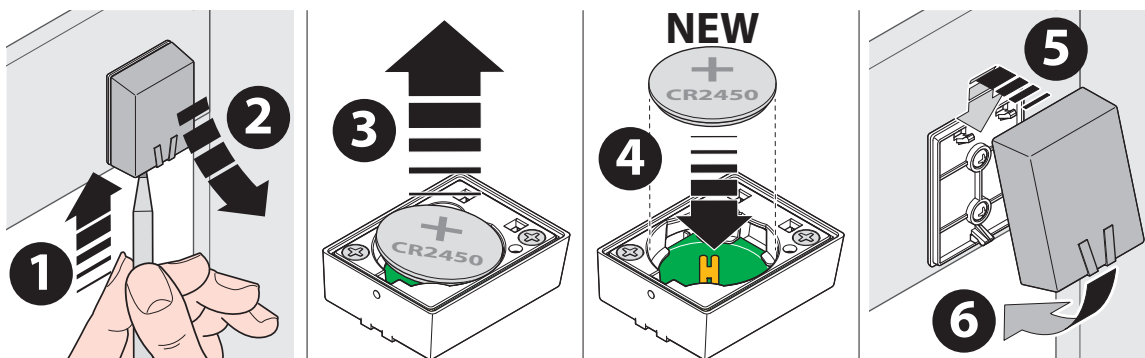
After completing the pairing procedure, proceed with a functional test to verify that the sensor is working properly:

1. Make sure the sensor is properly mounted and paired with the controller.
2. Open or close the door/window where the sensor is installed.
3. Check the status update in the XS4 Sense mobile app.
The status of the sensor should change accordingly (e.g., from "Closed" to "Open" or vice versa).
4. While checking the sensor status in the app, you can also check:
 - Battery level: Make sure it is within the normal operating range.
 - Signal Strength (RSSI): The value must remain between -88 dBm and -10 dBm. Values outside this range may indicate poor signal quality and cause communication problems.
4. Repeat the operation a couple of times to confirm stable communication and reliable detection.
5. If the status doesn't update:
 - Check the alignment of the sensor and magnet.
 - Make sure the sensor is within Bluetooth range.
 - Check that the battery is inserted correctly and charged.
 - Consider repositioning the controller to improve signal strength.



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BATTERY REPLACEMENT



Battery Disposal

Dispose of used batteries in accordance with local environmental regulations. To minimize your environmental impact, check for battery recycling centers or hazardous waste collection programs available in your area.



Additional Tips

Always use a new, high-quality battery to ensure optimal performance. If the sensor does not work after replacing the battery, inspect the battery compartment for damage or corrosion. Clean thoroughly if necessary.

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CLEANLINESS

The sensor should be cleaned with a dry or slightly damp cloth.

Abrasive products, scouring pads, solvents or alcoholic solutions must not be used.

