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INFO

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CLIMATE SENSOR SX. 2.1

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CLIMATE
SENSOR SX.2.1
QUICKSTARTGUIDE

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CLIMATE SENSOR SX. 2.1

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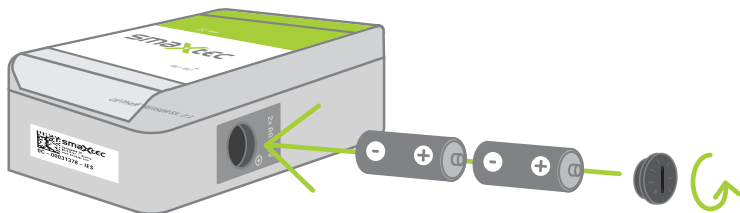
1. Activation in the smaXtec Messenger

First, add the Climate Sensor to your organisation in the smaXtec Messenger via "Boluses & Devices". Use the serial number printed on the side label and add a name in the "Add device" screen. The location of the device is suitable as a name, e.g. "calving area", "dry cow barn" or "fresh cows".

0 C-0000000-XYZ

Ensure that your smaXtec Base Station SX.2 is activated and ready for use before starting the activation of the Climate Sensor.
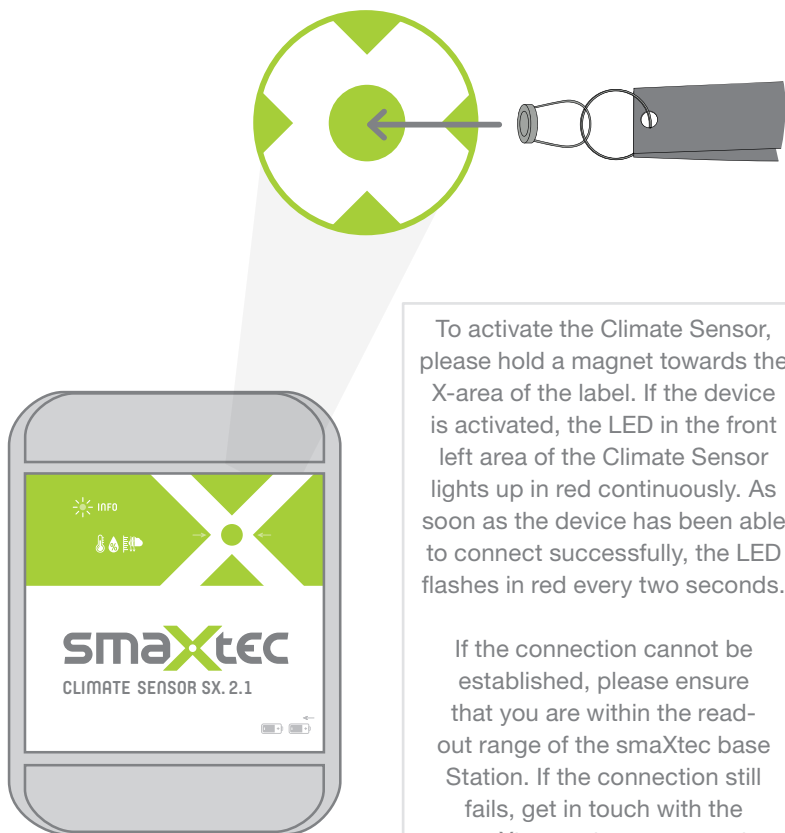
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2. Establish power supply

Caution!
Do not use
lithium batteries
in this device.

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BATTERY CHANGE

The Climate Sensor comes with two built-in AA alkaline
batteries. To change the batteries, remove the unit from the
wall and place it on a table or another flat surface. Make
sure the area is dry. Then, open the integrated battery
compartment on the side using a flat object, such as a coin.
Only use 1.5V AA alkaline batteries, not lithium batteries.

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3. Observe blinking pattern

To activate the Climate Sensor, please hold a magnet towards the X-area of the label. If the device is activated, the LED in the front left area of the Climate Sensor lights up in red continuously. As soon as the device has been able to connect successfully, the LED flashes in red every two seconds.
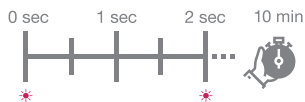
If the connection cannot be established, please ensure that you are within the read-out range of the smaXtec base Station. If the connection still fails, get in touch with the smaXtec customer support.

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Information: To **deactivate** the Climate Sensor, please hold a magnet to the X-area of the label. If the device is deactivated, the LED flashes red 5 times at 0.5 second intervals.

| 0 sec | 1 sec | 2 sec | 13-26 sec |

| 0 sec | 1 sec | 2 sec | 10 min |

✔

☀ No blinking pattern ✖

Make sure you are in readout range of the Base Station and repeat the process once or twice.

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4. Selection of suitable position and mounting
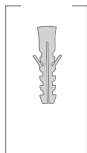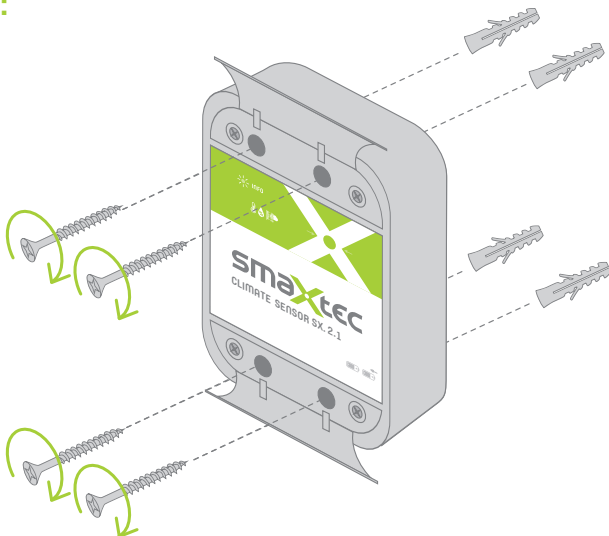
Required:

4x

⌀ 5 mm
3/16"

3x35
#4x1 1/2"

5x25
#4-6x1"
Note: Anchor size may vary depending on the surface.

ⓘ

Recommendation for concrete:

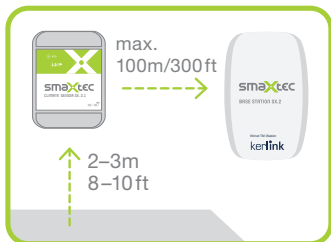5x25 or #4-6x1" plastic wall anchors and 3x35 or #4x1 1/2" screws.

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Select an appropriate spot for the Climate Sensor.
Consider the following aspects:

- Alignment: The Climate Sensor has to be mounted vertically.

- The position should allow air circulation to the measurement port on the front of the Climate Sensor.

- Note range: up to 100m/300ft from the smaXtec Base Station.

- Avoid construction elements between Base Station and Climate Sensor that reduce range.

- Note height: ideally 2–3m/8–10ft (out of reach of cows)

- Select neutral locations that are representative of the barn climate to generate clean data (no direct sunlight, no water source close by)

After selecting a suitable position, you can mount the Climate Sensor. You will need four screws. Mount the device in the desired position using a cordless drill.

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SMAXTEC MESSENGER

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Find more information on how to use the smaXtec Messenger via

> **User Account**
> **About**

OPEN SOURCE

smaXtec uses Open Source Software for its products.
For more details visit:

https://opensource.smaxtec.com

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:
(1) Cet appareil ne doit pas causer d'interférence
(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

IMPORTANT NOTE:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum separation distance of 20 cm between the radiator & your body.

IMPORTANT NOTE:
This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum separation distance of 20 cm between the radiator & your body.

SMAXTEC SUPPORT

You have questions or need assistance?

We are happy to help!

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