Keypad

INSTALLATION MANUAL
Version 2.1

Product description

The Keypad includes a tag reader and allows you to enable and disable an alarm system. The Keypad detects when a person is within operating distance, which will make it light up in the dark. The Keypad includes a tamper switch, making it ideal for security purposes.

Precautions

- Do not remove the product label as it contains important information.
- Be aware that electronics are sensitive to static electricity, so aim to discharge before touching, and avoid touching any components inside the device.
- Do not paint the device.
- Do not use tape for mounting the device outdoors.
- Do not use tape for mounting if you will use the device for security purposes, as the tamper switch will not function.
- When mounting with tape, make sure the surfaces are clean and dry.
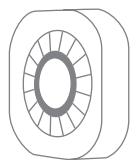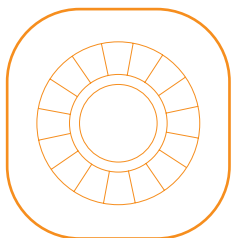
- When mounting with tape, the room temperature should ideally be between 21° C and 38° C and minimum 16° C.
- Avoid mounting with tape on rough, porous or fibered materials such as wood or cement, as they reduce the tape bond.

⚠️ **CAUTION:**

- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
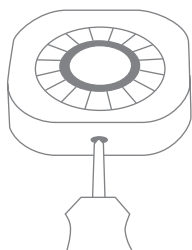
Placement

- You can place the Keypad both indoors and outdoors in 0-50 degrees °C.
- Place the device, so it is easily accessible to users.
- Avoid placing the device in direct sunlight.
- Avoid placing the device in places exposed to direct rain.
- Avoid placing moving items 40 cm or less from the Keypad, as they will activate the presence sensor.
- When mounting the device outdoors, use screws rather than tape.
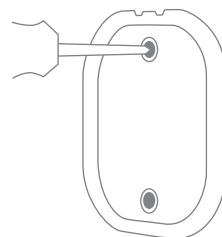
Getting started

1. Open the casing of the device by removing the screw at the bottom of the device.
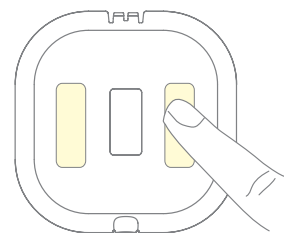
a.

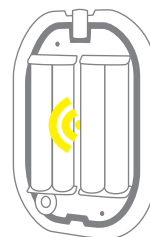2. Use the included screws to mount the back plate of the device on the wall

b.

3. Alternatively, you can use the double adhesive tape to mount the backplate. Make sure to press firmly on the backplate with the tape to make it stick.

c.

4. Insert batteries into the device respecting the polarities.

5. When the batteries are inserted, the Keypad will start searching (up to 15 minutes) for a Zigbee network to join. While the Keypad is searching for a Zigbee network to join, the yellow LED flashes.
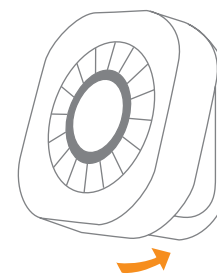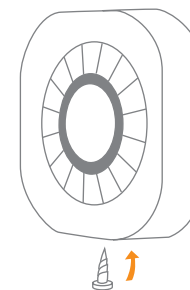
d.

6. If the scanning has timed out, a short press on the menu button inside the device will restart it.

7. After connecting the device to a network, attach the device to the back plate by hooking the device to the top of the back plate and pushing the device against the back plate.

8. Finally, reinsert the screw at the bottom of the device
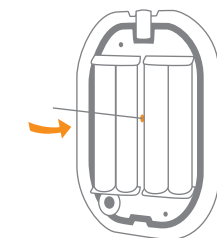
e.

f.

Resetting

Resetting is needed if you want to connect your Keypad to another gateway or if you need to perform a factory reset to avoid abnormal behavior.

STEPS FOR RESETTING

1. Open the casing of the device by removing the screw at the bottom of the device.

2. Press and hold the menu button inside the device with a thin pin – e.g. a paper clip.

g

3. While you are holding the button down, the LED first flashes once, then two times in a row, and finally numerous times in a row.

4. Release the button while the LED is flashing numerous times in a row.

5. After you release the button, the LED shows one long flash, and the reset is completed.

Battery replacement

CAUTION: RISK OF EXPLOSION IF BATTERIES ARE REPLACED BY AN INCORRECT TYPE. DISPOSE OF THE BATTERIES IN ACCORDANCE WITH INSTRUCTIONS.

CAUTION: When removing cover for battery change - Electrostatic Discharge (ESD) can harm electronic components inside.

1. To replace the batteries, remove the screw at the bottom of the device and open the casing.
2. Replace all four batteries inside the device, respecting the polarities.
3. Reattach the device to the backplate and reinsert the screw at the bottom of the device

Fault finding and cleaning

- In case of a bad or wireless weak signal, change the location of the device. Otherwise you can relocate your gateway or strengthen the signal with a smart plug.
- If the search for a gateway has timed out, a short press on the button will restart it.

Disposal

Dispose the product and batteries properly at the end of their lives. This is electronic waste which should be recycled.

FCC statement

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

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.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

IC statement

English

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.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Français

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

ISED statement

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B).

CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards and specifications.

IN ACCORDANCE WITH THE DIRECTIVES

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2015/863/EU amending 2011/65/EU
- REACH 1907/2006/EU + 2016/1688
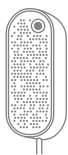
Other certifications

Zigbee 3.0 certified
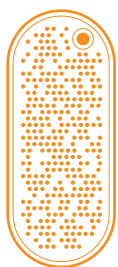

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Tangen 6
8200 Aarhus
Denmark

Smart Siren

INSTALLATION MANUAL
Version 2.1

Product description

The Smart Siren emits an alarm sound and sends a notification if intruders, burglars, or other unwanted guests enter the property.

The Smart Siren includes a voice prompt and functions as a range extender for Zigbee networks. The Smart Siren has a battery backup, so it will still be able to function in case of a power cut.

Precautions

- **WARNING:** For safety reasons, always make sure to disconnect the Smart Siren from the power socket before removing the front cover.
- Do not remove the product label as it contains important information.
- Be aware that electronics are sensitive to static electricity, so aim to discharge before touching, and avoid touching any components inside the device.
- Do not paint the device.

- Do not use tape for mounting if you will use the device for security purposes, as the tamper switch will not function.
- When mounting with tape, make sure the surfaces are clean and dry.
- When mounting with tape, the room temperature should ideally be between 21° C and 38° C and minimum 16° C.
- Avoid mounting with tape on rough, porous or fibered materials such as wood or cement, as they reduce the tape bond.
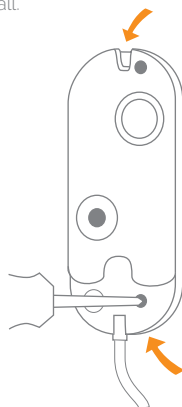
Placement
PLACE THE SIREN

- Indoors at a temperature between 0-50°C.
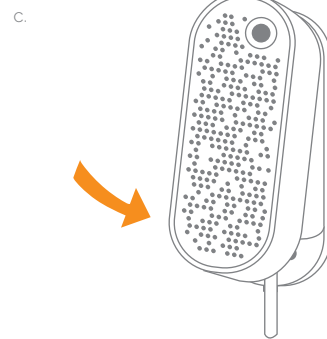- On a wall, where it is reachable for maintenance.

Getting started

1. Open the casing of the device by removing the screw at the bottom of the device.

a.

2. Use the included screws to mount the siren on the wall.
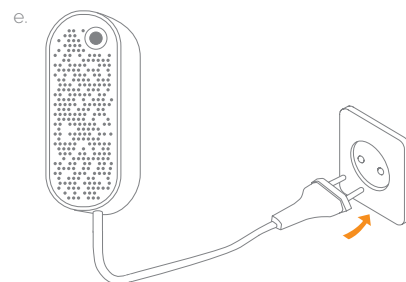
b.

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3. Alternatively, you can use the double adhesive tape to mount the device. Make sure to press firmly on the device with the tape to make it stick.
4. Attach the front cover to the device by hooking the front cover to the top of the mounted device and pushing the front cover against the device.

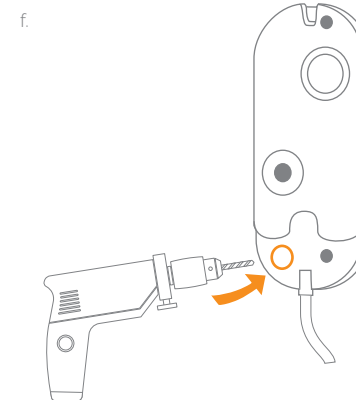c.

5. Insert a screw at the bottom of the device.

d.

6. Insert the plug of the cable attached to the Smart Siren into a power socket.

e.

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7. When the device is powered up, the Smart Siren will start searching (up to 15 minutes) for a Zigbee network to join. While the siren is searching for a Zigbee network to join, the yellow LED flashes.
8. Make sure that the Zigbee network is open for joining devices and will accept the siren.
9. When the LED stops flashing, the siren has successfully joined the Zigbee network.
10. If the scanning has timed out, a short press on the menu button will restart it.

ALTERNATIVE INSTALLATION OPTION

Another installation option is to replace the included cable with an alternative cable. If the installation consists of an in-wall cable, drill a hole in the marked area, through which the cable needs to be inserted, and connect the cable to the Smart Siren.
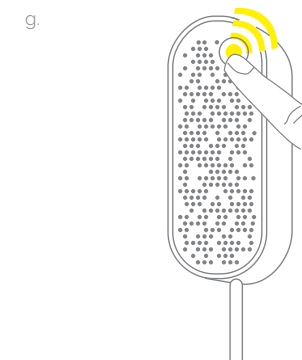
f.

Resetting

Resetting is needed if you want to connect your Smart Siren to another gateway or if you need to perform a factory reset to avoid abnormal behavior.

STEPS FOR RESETTING

1. Connect the Smart Siren to a power outlet.
2. Press and hold the menu button the device.

---

g.

3. While you are holding the button down, the yellow LED first flashes once, then two times in a row, and finally numerous times in a row.
4. Release the button while the LED is flashing numerous times in a row.
5. After you release the button, the LED shows one long flash, and the reset is completed.

Modes

SEARCHING GATEWAY MODE
The yellow LED flashes

MAINS POWERED
The green LED is on

BATTERY BACKUP (MAINS FAILURE)
The green LED flashes. This means that there is a mains failure, e.g. due to a power outage, and the device runs on battery for up to 14 hours.

Fault finding and cleaning

- In case of a bad or wireless weak signal, change the location of the Smart Siren. Otherwise, you can relocate your gateway or strengthen the signal with a smart plug.
- If the search for a gateway has timed out, a short press on the button will restart it.

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ISED statement

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B).

Disposal

Dispose the product properly at the end of its live. This is electronic waste which should be recycled.

CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards and specifications.

IN ACCORDANCE WITH THE DIRECTIVES

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2015/863/EU amending 2011/65/EU

Other certifications

Zigbee 3.0 certified

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