Wireless radio alarm system

Installation manual
Welcome
Thank you for choosing a SOMFY alarm system.

Who is SOMFY?
SOMFY develops, manufactures and markets automatic devices for the openings in the home. Central alarm units, automatic devices for blinds, shutters, garages and gates – all of SOMFY’s products meet your expectations in terms of day-to-day safety, comfort and time-saving.
At SOMFY, the quest for quality is a continuous improvement process. It is thanks to the reliability of its products that SOMFY has achieved such renown and become synonymous with innovation and technological expertise throughout the world.
This product complies with the requirements of European Standard EN 50130-4 and conforms to the essential requirements of European R&TTE Directive 1999/5/CE. www.somfy.com/ce

Recommendations
1. Determine the location of the devices and the detection zones.
2. Insert the batteries into the devices.
3. Store the devices.
4. Fix to the wall, close the covers and test the devices.
5. Adjust the installation settings.
6. Test the installation.

We also strongly recommend that you:
- read this installation manual carefully and make absolutely sure that you follow all the mounting and operating instructions
- keep this manual in a safe place. It could be useful if you decide to add devices to the installation.

If you need any advice concerning installation, contact.

Your installation may comprise a maximum of 50 devices (excluding automatic devices).

Do not clean the LCD keypad, the sirens and the central unit/phone dialer with alcohol.
Use a slightly damp cloth to clean the products.

Some recommendations and tips
To ensure the customer’s security, it is essential to ensure that they observe certain precautions:
- always activate the alarm system when absent
- lock all openings (doors, windows, etc.)
- never leave a remote control where it can be seen or easily identified
- never leave the keypad access code where it can be seen
- never leave a message on the telephone answering machine indicating that the house is empty.
How does the alarm system work? .................................................................4

A completely upgradeable system ..................................................................6

Recommendations ............................................................................................7

Assigning a zone to the intrusion detectors ......................................................8

Installing the batteries .......................................................................................10

Storing the devices ............................................................................................11

Fixing the devices .............................................................................................12

Fixing the sirens ...............................................................................................20

Fixing the central unit/phone dialer .................................................................21
  PSTN module ....................................................................................................22
  GSM module .....................................................................................................23

Making the system settings ..............................................................................28

Recording a customised alarm message announcement .................................45

Testing the installation ......................................................................................46

Remote settings via telephone ..........................................................................47

Viewing stored information when the orange indicator flashes on the LCD keypad .........................................................47

Summary of system operation ..........................................................................48

Replacing the batteries .....................................................................................50

Resetting the system .......................................................................................51
  If a remote control or badge is lost .................................................................51
  If the installer code is lost ................................................................................51

Troubleshooting ...............................................................................................52

Table of specifications ......................................................................................54

Index ...............................................................................................................55
How does ...  

Alarm system performance

Up to All the devices in the installation are battery powered.

**Secure dual frequency radio technology**
A patented, exclusive process: radio transmission is performed using two alternating frequencies which constantly take over from one another to ensure that 100% of the information is transferred.

**Regular system self-monitoring - Management of loss of radio link**
The devices (with the exception of the remote controls) periodically send their operating status to the central unit: battery level, door open, etc.

**Tamper switch vandalism protection**
If any of the devices in your installation are vandalised, the sirens are activated for 2 minutes and the phone dialer sends an alarm message.

The central unit, sirens, phone dialer and keypads are protected by tamper switches if they are removed from the wall or their covers are opened.

The detectors are protected if their front panel is opened.

For your convenience on installation, the tamper switches only work as of the first arming of the alarm.
Activation

The **keypads**, the **remote controls** and the **badge** make it possible to control the system either on an individual zone basis or fully. They provide a visual display of the status of the system during operation.

The LCD keypad allows for upgradeable, customised installation (SMS function with phone dialer, etc.).

The LCD keypad and the multi-application remote control make it possible to control the SOMFY automatic devices (motorised gate, garage door, lighting or roller shutters with SOMFY motor).

It is also possible to control the alarm, roller shutters and lighting remotely by phone.

---

Intrusion detection

The **movement detectors** detect the movement of people or animals in three-dimensional space.

The **2 pet movement detectors** make it possible to protect a room when a pet is present.

The **opening detectors** detect when a door or window is opened. They can emit a chime on the indoor siren when such an action is detected (see Kiela function on page 37).

The **camera** can be used to film a sequence linked to an intrusion.

---

Domestic fault detection

The **domestic detectors** detect the presence of water, smoke or a power failure.

---

Dissuading, Alerting, Signalling

The increasing volume of the **sirens** discourages intruders. The **outdoor siren with flash** alerts and signals an intrusion to anyone nearby and the phone dialer sends one or more alarm messages.

The **central unit/phone dialer** analyses the information sent by the detectors, triggers the sirens and sends one of the following to 4 telephone numbers:

- either a synthesised voice alarm message, using the **PSTN** dialer module (Public Switched Telephone Network = the fixed telephone line),
- or an alarm SMS, using the **GSM** dialer module (Global System for Mobile communications),
- or both, if your alarm unit is fitted with both a PSTN and a GSM module,
- or it sends an alarm to a remote monitoring centre, using the **PSTN** module.

If the installation has roller shutters (with a SOMFY motor), it is possible to program these to come down automatically when an intrusion is detected or to go up automatically if smoke is detected, by means of a SOMFY receiver for roller shutters.

To further discourage intruders, it is also possible to control a light when intrusion is detected, using a SOMFY light receiver.
A completely upgradeable system

It is possible to extend the installation by adding remote controls, movement detectors, supplementary opening detectors (white or brown) or the following specific devices:

<table>
<thead>
<tr>
<th>Used to send an alarm message on the fixed telephone line if the dwelling has one.</th>
<th>PSTN dialer module</th>
<th>Used to send an alarm message by GSM.</th>
<th>GSM dialer module</th>
</tr>
</thead>
<tbody>
<tr>
<td>To control one or two Somfy automatic devices (motorised gate, garage door or lighting) and your alarm from your car.</td>
<td>Multi-application remote control</td>
<td>In the case of multiple entrances.</td>
<td>Control keypad</td>
</tr>
<tr>
<td>To discourage intruders, alert people nearby and indicate that the system has been triggered.</td>
<td>Outdoor siren with flash</td>
<td>To extend intrusion discouragement to another part of the house.</td>
<td>Indoor siren</td>
</tr>
<tr>
<td>You want to be alerted if something is detected outside your house. Using a Somfy receiver, it is possible to close your motorised Somfy roller shutters if something is detected.</td>
<td>Outdoor movement detector</td>
<td>In the presence of a cat, dog (less than 40 cm high) or rodent.</td>
<td>Movement detector for small pets</td>
</tr>
<tr>
<td>In the presence of a big dog (more than 40 cm high).</td>
<td>Movement detector for big dogs</td>
<td>You want to confirm that an intrusion has taken place by means of a sequence of photos or remotely monitor your home.</td>
<td>Wi-Fi IP camera</td>
</tr>
<tr>
<td>If the installation includes a garage.</td>
<td>Garage door opening detector</td>
<td>If the installation includes roller shutters.</td>
<td>Roller shutter opening detector</td>
</tr>
<tr>
<td>If you have French windows or bay windows.</td>
<td>Opening and glass breakage detector (white or brown)</td>
<td>For the system to trigger if smoke is detected. Thanks to a SOMFY receiver for roller shutters, SOMFY motorised roller shutters can be opened if smoke is detected.</td>
<td>Smoke detector</td>
</tr>
<tr>
<td>To be warned in the event of flooding (e.g.: washing machine).</td>
<td>Audiosonic glass breakage detector</td>
<td>To be alerted in the event of power failure.</td>
<td>Power detector</td>
</tr>
<tr>
<td>To be alerted in the event of flooding (e.g.: washing machine).</td>
<td>Water leakage detector</td>
<td>To be alerted in the event of power failure.</td>
<td>Power detector</td>
</tr>
</tbody>
</table>
Recommendations

Important
To ensure that the system functions optimally, you are advised to choose the correct location for each device.

Ensure good radio transmission
The correct propagation of radio waves depends on the nature of the material they travel through.
The range of the waves may vary depending on the type of construction (chalet, type of walls or partitions, apartment with metal structure, etc.).

<table>
<thead>
<tr>
<th>Material</th>
<th>Transmission Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plasterboard/Plaster/Wood</td>
<td>90 to 100%</td>
</tr>
<tr>
<td>Brick/Breeze block</td>
<td>65 to 95%</td>
</tr>
<tr>
<td>Reinforced concrete</td>
<td>10 to 70%</td>
</tr>
<tr>
<td>Metal</td>
<td>0 to 10%</td>
</tr>
</tbody>
</table>

When a radio wave is unable to penetrate through a material, it is reflected. This impairs reception, in particular at the central unit. It is often enough to move the central unit by just a few centimetres in order to avoid a zone without coverage.

Optimising radio range
- The central unit/phone dialer is the heart of the installation. Place it in a clear area in the centre of the home.
- Position the central unit/phone dialer devices more than 60 cm above ground level.
- To improve the propagation of the radio waves, make sure that the central unit is not:
  - within one metre of an electrical fuse board or a cable bundle,
  - close to an earth or metal plate,
  - within one metre of sources of radio interference (such as a TV with surround Hifi).
- Avoid fixing detectors and keypads to metal sections or in confined areas.
- Fix sirens to clear areas and as high as possible.
- Before fixing the central unit/phone dialer, make sure that the various devices transmit properly. In the event of transmission problems, move the central unit.

Ensuring the correct operation of the tamper switch system
For each of the products (central unit/phone dialer, siren or LCD keypad), choose a wall space with a good surface condition in order to ensure the efficiency of the tamper switches (protection against vandalism).
Assigning a zone to the intrusion detectors

You can protect up to three areas of the home, referred to as zones.

A zone consists of intrusion detectors which are located in various parts of the home. The SOMFY system makes it possible to define 3 distinct zones. It is thus possible to arm the alarm in one zone only, in 2 zones or in all 3 zones (= full arming).

In the following example, the intrusion detectors in zone A monitor the front door and garage door while those in zones B and C monitor different floors of the dwelling. All configurations are possible and depend on the nature of the dwelling and the use made of the system by your customer.

Zone A – Delayed triggering (AD) or immediate triggering (A) of the alarm in the event of intrusion
- The dwelling’s access points (entry doors)
- A separate annex (the garage, for example)

Zone B – Immediate triggering of the alarm in the event of intrusion
A part of the building that is unused during the night, the living room or all of the ground floor

Zone C – Immediate triggering of the alarm in the event of intrusion
A part of the building that is unused during the day, a storey or the basement

Part or full arming

Part – 1 or 2 zones armed (A, B, C, A+B, A+C or B+C)
Independent ARMING of the monitored zones, zone A, B or C.

Full – all 3 zones armed (A+B+C)
FULL arming of the alarm system: alarms are armed for the entire dwelling.
Assigning a zone to the intrusion detectors

1/ Open the covers of the intrusion detectors (opening detectors and movement detectors)

2/ Determine the location of the devices and set up the zones for the detectors

For each intrusion detector (movement detectors and opening detectors), the monitored zone and triggering mode are defined using switches located inside these products. They must be configured when the corresponding device is installed.

Movement detectors are supplied set for zone C, immediate triggering.

Opening detectors are supplied set for zone AD, triggering delayed by 45 seconds before activation of the alarm in order to allow sufficient time to enter and disarm the system if there is an opening detector positioned at the front door.

To customise this option, position switches 1 and 2 as follows:

<table>
<thead>
<tr>
<th>Select zone – trigger mode</th>
<th>Position of switches</th>
<th>What happens in the event of intrusion (in part or full mode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD – delayed triggering</td>
<td><img src="image1.png" alt="Diagram" /></td>
<td>Activation of sirens is delayed (after the entry delay). + Telephone transmission of one or more alarm messages.</td>
</tr>
<tr>
<td>A – immediate triggering</td>
<td><img src="image2.png" alt="Diagram" /></td>
<td>The indoor siren is activated immediately. + The outdoor siren with flash is activated after 10 seconds. + Telephone transmission of one or more alarm messages.</td>
</tr>
<tr>
<td>B – immediate triggering</td>
<td><img src="image3.png" alt="Diagram" /></td>
<td></td>
</tr>
<tr>
<td>C – immediate triggering</td>
<td><img src="image4.png" alt="Diagram" /></td>
<td></td>
</tr>
</tbody>
</table>

3/ Adjust the switches on the intrusion detectors to assign them to a zone

Record the zone selection on the memo sheet in the operating manual.

⚠️ Do not touch the switches on the water leakage and power detectors.

If the installation includes the central unit/phone dialer version with Internet access, it is also possible to configure the alarm system and assign a zone to an intrusion detector by computer (see the supplementary manual).

⚠️ In this case, the zone settings made by computer overrule the switch settings made inside the intrusion detectors.
Installing the batteries

Equipment needed to install the devices
Crosshead screwdriver, drill, hammer, pencil, ladder for outdoor siren.

1/ Open the covers of the other devices

2/ Insert the batteries provided in all the devices
A beep sounds when the batteries are installed in the indoor siren and in the central unit/phone dialer, and the red indicator light flashes on the central unit/phone dialer.

The siren may be triggered when the batteries are installed if you accidentally press the ON button on the remote control. In this case, just disarm the alarm by pressing OFF on the remote control.

! Make sure that the batteries are inserted the right way round (+/-).
Make sure that the ends of the batteries are touching the battery contacts.

Lithium battery in the bag with the spacers.
Slide in the battery with the + facing up.

The batteries are already inserted in the remote controls.

Do not close the covers straight away.

If the wall installation of the products has to be postponed, remove one battery from the products that are still open to prevent them from draining.
Storing the devices

1/ Activating the central unit/phone dialer storage mode

On the central unit/phone dialer

1. To open the memory, press the PROG button; the red indicator lights up.

2. ...BEEP! on the central unit.

You have 2 minutes to store one or more devices. The 2-minute period is restarted as soon as a device has been stored. The beep indicates that the device has been stored in the central unit/phone dialer.

After this 2-minute period, you must return to storage mode by pressing the PROG button on the central unit/phone dialer again.

During this 2-minute period (indicator lit), it is not possible to test the installation.

If you want to add devices when the central unit is already installed and the system is already operational, in order to avoid opening the central unit/phone dialer, you can enter simplified storage mode by going to menu 753, (see page 38) or from the bottom of the “Device list” page via the alarm’s Internet interface. It only possible to enter storage mode when the system is disarmed.

If you open the central unit/phone dialer, then you must deactivate the tamper switch by pressing OFF on the remote control until the indicator goes off.

2/ Storing the devices

(in 2-minute storage mode, you have 2 minutes to store one or more devices)

Maximum of 50 devices per central unit/phone dialer.

An outdoor siren with flash

1. Open the siren.

2. Press the button briefly.

3. ...BEEP! on the central unit.

4. ...BEEP! on the outdoor siren.

An indoor siren

1. Open the siren.

2. Press the button briefly.

3. ...BEEP! on the central unit.

4. ...BEEP! on the indoor siren.

A detector

1. Press.

A keypad

1. Press OFF.

2. ...BEEP! on the central unit.

A badge

1. Press the OFF button once: BEEP!

2. Pass the badge in front of the LCD keypad reception area: BEEP!

To store a 2nd badge, repeat the same operation.

A remote control

1. Press OFF.

2. ...BEEP! on the central unit.
Fixing the devices

To check for satisfactory radio range between the central unit/phone dialer and the devices:

Place the central unit/phone dialer on a rigid surface, without securing it, at the centre of the dwelling close to a telephone socket and the broadband router/modem in order to test for correct radio range following the installation of each device.

Following installation of the devices, press the button on the front of the detectors. A BEEP will sound to confirm correct radio range. If this is not the case, move the central unit/phone dialer until pressing the button on the front of a detector triggers a BEEP. Then, and only then, it is essential that the central unit/phone dialer be mounted on the wall.

Each product has a serial number on the self-adhesive label affixed to the product. Before performing any installation, you must use this number to identify the detectors in your installation and note them on the memo sheet in the operating manual.

Opening detector

Place the detector inside the dwelling on the upright of the opening part, either horizontally or vertically, on the opening side (opposite the hinges).

The detector and its magnet-holder must be perfectly aligned between the two markings.

Use one or more of the spacers supplied in the packaging to adjust the magnet holder and/or the detector.

It is also possible to raise the detector by using 2 spacers fixed side-by-side underneath it.

If the gap between the opening part and the fixed part is too great, it is possible to invert the 2 parts of the product.

Take the necessary precautions to avoid damage to the detector due to the door being opened! This type of mounting is not recommended.

1. Close the cover again.
2. Test the device:

Press the button on the detector: BEEP!

For a period of 2 minutes, the indicator on the detector lights up every time the door is opened/closed.

Outdoor movement detector

Please refer to the instructions supplied with the product.
Fixing the devices

Operating precautions common to the three movement detectors

⚠️ The movement detectors are sensitive to heat: to avoid accidental triggering, never point a movement detector directly towards a window, above or opposite a heat source (radiator, convection heater or fireplace) or on a veranda.

Avoid direct sunlight.
Avoid proximity to air conditioning, heating, etc.
Avoid steam, grease and humidity.
Avoid obstacles which hide the detection zone (curtains, windows, etc.)
Do not install outdoors.

⚠️ The areas scanned by the movement detectors should not intersect.

Movement detector

To protect the greatest possible surface area, the detector can be placed in the corner of the room 2.30 m above the floor.

This type of detector is not recommended for garage use due to the presence of rodents, which could cause accidental triggering. In this case, it is better to choose the movement detector for small pets.

Test the device:

For a 2-minute period, the indicator on the detector lights up every time something moves in front of it.

Close the cover again.

Movement detector for big dogs

This type of detector is intended to protect a room in the presence of a dog more than 40 cm high that does not jump on furniture.

This type of detector is not recommended for garage use due to the presence of rodents, which could cause accidental triggering. In this case, it is better to choose the movement detector for small pets.

It should preferably be wall-mounted at a height of 1.20 m above the floor.

The rest of the installation and testing are identical to those for the movement detector (see above).
Fixing the devices

Movement detector for small pets

This detector makes it possible to detect the presence of any human in a room in the presence of a small pet of a height less than 40 cm.

In the case of dogs taller than 40 cm, it is better to choose the movement detector for dwellings with big dogs.

It should preferably be wall-mounted at a height of between 2.10 and 2.40 m above the floor.

In the case of medium-sized dogs, it is better to mount the detector at a height of 2.40 m. Make sure that the detector is mounted at least 80 cm above any piece of furniture that a cat can climb on.

Do not lose the nut in the bag containing the screw kit.

Do not close the detector again.

Customising detector operation

The detector has 3 jumpers:

<table>
<thead>
<tr>
<th>Indicator light</th>
<th>Detection by 2 or 4 beams</th>
<th>TEST mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON With indicator light on the front in the event of detection.</td>
<td>Detection by 2 beams (most sensitive detection) (the detector is supplied in this mode).</td>
<td>Test mode: with indicator light on each detection (jumper 1 to ON).</td>
</tr>
<tr>
<td>OFF Without indicator light in the event of detection (detector supplied in this mode).</td>
<td>Detection by 4 beams. Recommended if several pets are present.</td>
<td>Normal operating mode.</td>
</tr>
</tbody>
</table>

TEST mode is used to check the range of the detector.

The detector is positioned with its base on the wall but without being screwed on and someone passes within the detector field.

Once the TEST has been successfully concluded, it is essential to set jumper 3 to the OFF position in order to switch to operating mode.

Position the nut in its housing and tighten the locking screw.

Close the detector again. Tighten the screw at the base of the detector.

Do not lose the nut when opening the detector in order to change the battery.
Fixing the devices

Opening and glass breakage detector

This detects the opening of a window, the vibration of the glass in the event of attempted intrusion and the breakage of the glass.

The detector and its magnet are mounted in the same way as for the opening detector (see page 12).

Use the double-sided adhesive strip to affix the glass breakage sensor 25 mm from the corner of the window. The window should be dry and clean and preferably at a temperature of between 21 °C and 35 °C. Press firmly on the glass breakage sensor to ensure that it is fixed properly.

Test of detector alone: see page 12.

Audiosonic glass breakage detector

This detects the acoustic frequency of breaking glass and the difference in pressure between the inside and outside of the dwelling. It only protects external windows.

It must be located at least 1.20 m from sources of acoustic interference (such as television set, loudspeakers, drainpipes, doors, etc.).

Glass breakage will be detected in a radius of:
- 6 m in the case of windows made of ordinary glass or double-glazing (2.4 to 6 mm thick).
- 3.65 m in the case of toughened or laminated glass (3.2 to 6.4 mm) or any other type of glass.

Do not position the audiosonic detector on the same wall as the windows that are to be protected.

1. Mount the detector on the wall approximately 2 m above the floor.
2. Close the cover again.
Fixing the devices

Roller shutter opening detector

This is installed inside the shutter frame.

1. Use at least 3 or 4 of the screws provided to fix the square module flat in the centre of the frame in such a way that the cord can travel freely with no risk of shearing.

2. The cord's brass outlet cylinder must be located as close as possible to the opening in the frame in order to avoid any risk of shearing.

3. The end of the cord must be fixed by means of a screw passing through the eyelet of the final shutter strip.

It is advisable to move the detector away to a wall using a 1 m cable in order to avoid fixing it to the metal, which would impair the correct propagation of the radio waves.

4. Fix the detector.

5. Close the cover again.

6. Test the detector:

   Press the button on the detector: BEEP!

   For a 2-minute period, the indicator on the detector lights up every time the roller shutter is opened/closed.
Fixing the devices

1. Mount the protective sheath on the cable.

2. Fix the detector to the floor but avoid fixing it to any metal sections.

3. Fix the electronic unit to the wall

4. Connect the detector's 2 stripped wires to the electronic unit.

5. Close the cover again.

6. Test the electronic unit: press the button on the detector: BEEP!

For a 2-minute period, the indicator lights up every time the garage door is opened/closed.
Fixing the devices

Power detector

1. Set the switches depending on the desired detector triggering time:

<table>
<thead>
<tr>
<th>Position of switches</th>
<th>Triggering of the detector after a maximum period of</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON</td>
<td>5 minutes</td>
</tr>
<tr>
<td>ON</td>
<td>10 minutes</td>
</tr>
<tr>
<td>ON</td>
<td>15 minutes</td>
</tr>
<tr>
<td>ON</td>
<td>20 minutes</td>
</tr>
</tbody>
</table>

2. Fix the detector:
   - On a wall close to a mains socket (230 V).
   - As high as possible (for the correct propagation of the radio waves) while taking account of the length of the wire required for connection.

   Make sure that you do not drill through any electric wires in the wall.

   Close the cover again and connect the mains adapter.

Smoke detector

It is essential to fix the detector to the ceiling in the centre of the room and in all cases:
   - more than 20 cm away from any obstacle (wall, partition, beam, etc.)
   - more than 60 cm from the corner of the room

   **Do not install the detector:**
   - Within 1 m of heating, cooling or ventilation outlets. The smoke could be extracted or diluted.
   - In a room where there is a risk of condensation. Bathrooms and laundry rooms should be avoided.
   - Anywhere where smoke may be emitted (kitchen or poorly ventilated garage) and generate unwanted alarms.
   - In an excessively dusty or greasy location.

1. Fix the base to the ceiling.
2. Close the detector again.
3. Test the detector:
   Press and hold down the button, a loud signal of 85 dB should be heard.
Fixing the devices

Water leakage detector

1. Fix the sensor mount to the wall at floor level.
2. Mount the detector casing on the wall approximately 1m above the floor.
3. Slide the sensor between the mount's lugs until you hear a click, and pass the wire through the slots.
4. Leave the detector's switches in the OFF position. Close the cover again.
5. Test the detector:
   Pour water between the sensor’s 2 electrodes.
   The indoor siren sounds quietly for 2 minutes.
   To stop the alarm, press the “OFF” button on the remote control.
   At the end of the test, remove the water and dry the electrodes.

LCD keypad

This must be inside the dwelling. It is advisable to install it near the front door.

If you want to control a motorised garage door or gate, it is essential to install the keypad where you can see these automatic devices for safety reasons.

1. Affix the tamper strip firmly against the wall.
2. Close the product again.
   Tighten the 2 screws at the base of the casing.

Control keypad

This must be inside the dwelling. It is advisable to install it near the front door or inside the garage.

1. Affix the tamper strip firmly against the wall.
2. Close the product again.
   Tighten the 2 screws on the sides.
Fixing the sirens

Indoor siren

This should preferably be installed in the centre of the dwelling to ensure better sound propagation. It should be at a high level where it is difficult to access (e.g.: in the stairwell, on top of a wardrobe).

Every time the alarm is armed or disarmed, the indoor siren emits one or more beeps to indicate that the instruction has been received successfully.

Before closing the product again, you can cancel the beeps on the indoor siren:

To cancel the BEEPs!
Press the button on the siren for approximately 5 seconds until the indicator goes off.

To restore the BEEPs!
Press the button on the siren for approximately 5 seconds until the indicator goes off.
You will hear a BEEP!

To be better informed of the functioning of your system, we recommend that you leave the beeps active on at least one device.

Outdoor siren with flash

The outdoor siren with flash is protected against running water, condensation and humidity provided that it is mounted the right way up (flash upwards). To ensure optimum battery life, it is advisable to install it sheltered from sunlight and water.

During wall installation, suspend the top of the cover on the bottom of the base.

Insert the batteries, making sure they are the right way round (+/-).

Before closing the outdoor siren with flash again, you can cancel its beeps (see boxed text 2, indoor siren, above).

Close the cover again.

Remove the batteries before installation.
Central unit/phone dialer positioning recommendations:
Identify the composition of your installation from the 4 boxes below:

- **Disconnect the mains wall socket and the telephone wall socket (if necessary) and remove one of the four LR20 batteries before carrying out any work inside the central unit/phone dialer and during installation.**

Your installation is made up of a central unit/phone dialer connected to the fixed telephone line (PSTN) without Internet access:
It should be installed close to a telephone socket, preferably in the centre of the dwelling.

Your installation is made up of a central unit/PSTN dialer with Internet access:
It should be installed near a telephone socket, the computer, the broadband router/modem and a mains socket, preferably in the centre of the dwelling.

Your installation is made up of a central unit/PSTN and GSM dialer with Internet access:
It should be installed near a telephone socket, the computer, the broadband router/modem and a mains socket, in a place with full GSM signal, and preferably in the centre of the dwelling.

Your installation is made up of a central unit/GSM dialer with Internet access:
It should be installed near the computer, the broadband router/modem and a mains socket, in a place with full GSM signal, and preferably in the centre of the dwelling.
Fixing the central unit/phone dialer

Common features of the installation of the central unit/phone dialer:
- If you do not want to make your system settings by computer, do not connect the Ethernet cable or the mains cable to the IP module.
- All telephone apparatus (including fax and answering machines) must be connected behind the central unit/phone dialer.
- If possible, the central unit/phone dialer should be kept away from electric cables in order to ensure better radio transmission.
- Install the central unit/phone dialer at least 60 cm off the ground.
- Do not connect the central unit/phone dialer to the back of a switchboard computer (small domestic telephone exchange).

PSTN module

If your installation does not include a PSTN module (marked PSTN: Public Switched Telephone Network), skip to the next step to install the GSM module.

1

Plug the green PSTN module, which can be identified by its icon showing a fixed telephone, into the central unit/phone dialer, taking care not to twist the pins.

The PSTN module must be screwed in.

2

Run the telephone cable through the hole provided for this purpose in the bottom of the central unit/phone dialer.

Connect one end of the telephone cable to the PSTN module.
Fixing the central unit/phone dialer

GSM module

If your installation does not include a GSM module, skip to the Wall mounting section, page 25.

We recommend that you choose a GSM operator that covers the dwelling containing the installation.

Install the central unit/phone dialer that is to hold the GSM module:
- inside the dwelling only, in a zone protected by a movement detector,
- in a place with full GSM signal (check this with a mobile phone, and ideally take out a contract with the same operator),
- in the centre of the dwelling, for example on the ground floor if the house has a basement and one upper storey,
- near a 230 V-50 Hz mains socket,
- near a computer and a broadband router/modem if you wish to make settings or manage your system by computer or if you want to use an IP camera for intrusion confirmation,
- so that the cables (mains, telephone line, Ethernet, GSM antenna) come out in the direction you want them to (through the top or bottom).

Do not install the central unit/phone dialer that is to hold the GSM module:
- on a metal partition
- in a damp room
- near television and radio sets, as this could cause interference
- near a source of gas, fuel or chemicals.

Precautions for use
The alarm unit equipped with its GSM module could interfere with the operation of medical devices (hearing aids, pacemakers, etc.). For more information, consult your doctor.

Warning
Somfy cannot be held liable for the direct or indirect consequences of technical and contractual changes made by the GSM network operator selected by the customer.

Somfy cannot be held liable for the consequences of the temporary or permanent unavailability of the GSM network selected by the customer for any reason.

Somfy reminds users that its systems operate using telecommunications networks (type 3 public switched telephone networks, radio, GSM, Wi-Fi, etc.), the availability of which cannot be 100% guaranteed.

Recommendations relating to GSM subscription
The GSM module placed inside the alarm unit is used to send alarm and alert messages by SMS using the dual band 900–1,800 MHz GSM networks.

Before installing the GSM module, we recommend that you take out a subscription with a mobile telephony operator (Orange, SFR, Bouygues, etc.) of your choosing.

It is essential that this is a voice subscription (i.e. voice+SMS or SMS only), and not a data subscription (used to transfer data and not voice calls).

**We do not recommend the use of pre-paid cards or restricted packages** on the central unit/GSM dialer. **Once the credit has run out, if more credit is not added in time, the central unit/GSM dialer will not be able to send a message.**

A personal code, known as a PIN (Personal Identification Number) linked to the SIM (Subscriber Identification Module) card, is issued by the mobile telephony operator when the line is opened on the contract, and is used to access the network.

During programming, if the PIN is entered incorrectly three times, the SIM card on the central unit/GSM dialer is locked. The SIM card can be unlocked using a PUK (Personal Unlocking Key), supplied by the operator as necessary, on a mobile phone (see telephone manual).
Fixing the central unit/phone dialer

**GSM module**

1. **Inserting the SIM card**
   - a) Gently slide the flap to the left:
   - b) Lift it up:
   - c) Slide the SIM card between the sliders on the flap, making sure you insert it the right way up (bevelled corner as shown):
   - d) Close the flap and slide it gently to the right:

2. **Connecting the battery**
   The GSM function only works if the battery is connected.
   The SIM card must be inserted before the battery is connected.
   Position the battery in its housing and connect it, making sure that the connector is facing the right direction and that you don’t damage the wires:

3. **Installing the GSM module in the central unit/phone dialer**
   Plug the blue GSM module, which can be identified by its icon showing a mobile telephone, into the central unit/phone dialer, taking care not to twist the pins.
   The module must be screwed in using the screws.

4. **Connecting the antenna**
   The antenna supplied with the GSM module is used to transmit data to the GSM network. It is essential that you install it.
   The antenna must be installed:
   - inside the dwelling only
   - at least 1 m from any metal items and from the central unit/phone dialer
   - with the end of the antenna upwards.
   Run the antenna connector through the hole provided for this purpose in the bottom of the central unit/phone dialer.
   Screw in the antenna connector.
   Before removing the protective film from the double-sided adhesive, clean the surface to which the antenna will be stuck.
Fixing the central unit/phone dialer

Wall mounting the central unit/phone dialer

Use a pencil to mark the location of the fixing holes on the central unit/phone dialer in the direction in which you want the cables to run (upwards or downwards).

Connecting the IP section

**If the central unit/phone dialer does not include a PSTN module, skip to the next step on page 27.**

1. Connect the Ethernet cable to the socket on the IP module.
2. Connect the power cable to the POWER socket on the IP module: the green indicator light flashes.
3. Reinsert the battery.

You can cancel the beeps on the central unit/phone dialer (see box 2, indoor siren, page 20).

Special connection situations (page 25 and 26)

The connection sequence depends on your telephone installation. Do not connect the telephone cable to an Ethernet wall socket.

The telephone cable is supplied in two parts:
- a telephone cable with an RJ11 jack at each end;
- a telephone socket.

Connect one end of the telephone cable to the central unit/phone dialer.

Connect the other end of the telephone cable:
A - either to the T-shaped telephone socket,
B - or directly to the wall socket if you live in a new dwelling.
Fixing the central unit/phone dialer

Special connection situations (continued)

If you do not have a broadband subscription:

1. TELEPHONE LINE WALL OUTLET
2. HEAD END TELEPHONE SET
3. COMPUTER MODEM OR ANSWERING MACHINE (IF YOU HAVE ONE)

If you have a broadband subscription with a conventional telephone line:

1. TELEPHONE LINE WALL OUTLET
2. HEAD END TELEPHONE SET
3. BROADBAND FILTER
4. BROADBAND ROUTER/MODEM

If your telephone only works when connected behind the broadband router/modem (fully unbundled line), you must follow the connection sequence:

1. TELEPHONE LINE WALL OUTLET
2. BROADBAND FILTER
3. SOCKET SUPPLIED BY YOUR BROADBAND OPERATOR
4. HEAD END TELEPHONE SET
5. HEAD END TELEPHONE SET

If your telephone cable is connected directly to the broadband router/modem, modify the connections to comply with the diagram.

⚠️ In the event of a power failure, the fixed telephone line will not work. There will therefore be no telephone transmission and remote access to the phone dialer will not be possible.

3. If your installation does not contain a GSM module, drill the holes and fix the central unit/phone dialer to the wall.

4. Close the cover again.

Ø 6 mm
Fixing the central unit/phone dialer

Connecting the GSM module

1. If your alarm installation includes several functions that require a mains power supply (making settings and remote management by computer, GSM, IO alarm), only connect one mains cable and connect it to the **IP module**.
   
   If your installation does not contain an IP module, connect the mains cable to the GSM module.

   Run the Ethernet cable and the USB end of the mains cable through the hole provided for this purpose in the bottom of the central unit/phone dialer.
   
   1. Connect the Ethernet cable to the socket on the IP module.
   2. Connect the power cable to the **POWER** socket on the IP module.

2. Connect the mains adapter to a wall socket: the green indicator light on the GSM module comes on.

3. Reinsert the LR20 battery: the red indicator light on the GSM module flashes.

4. Drill the holes and fix the central unit/phone dialer to the wall.

5. Close the cover again.
Making settings using the LCD keypad

To access the menus

1. Press OFF on the keypad + user code 1 (factory code: 1111) or OFF on the remote control ➔ keypad display: System disarmed.
2. Enter the menu by pressing menu ➔ Code ?
3. Type the installer code (factory code: 2222)
   A special settings display can be seen on the bottom line of the screen. Press the black keys below the functions to activate them.

To move between menus, use the or + OK keys or type the number of the required menu + OK.

When you have pressed the key [OK], there is an animated display on the screen while waiting for the menu to appear.

The display remains on the screen for 2 minutes before the screen switches off. Wait until the red indicator has stopped flashing before entering any data.

When you decide to exit the menus, press the key menu until the screen goes off.

Once you have connected the Ethernet cable to your broadband router/modem (installation described in the Making alarm system settings by computer instructions), look in menu 780 for the IP address and note it down on the memo sheet on page 8 of the Operating manual.

There are two ways to configure the settings of your alarm system:

- **using the LCD keypad**, see below;
- **using a computer**. This method has the advantage of being an easier and faster way of configuring the system settings; see supplementary installation manual in landscape format. However, for this to be possible, your installation must have the central unit/phone dialer version with Internet access.

You can use the computer and LCD keypad together.

You must also record a welcome message; see page 45.
# Making the system settings

## Menu sequence, basic functions

- It is **essential to store**:
  - the codes,
  - the phone numbers,
  - the PIN,
  - the date and time.

<table>
<thead>
<tr>
<th>1 Language</th>
<th>12 English</th>
<th>page 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Codes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 Installer code</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>21 User code 1</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>22 User code 2</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>23 User code 3</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>24 Duress code, mute</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>25 Duress code + siren</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>26 Arm without code</td>
<td>page 30</td>
<td></td>
</tr>
<tr>
<td>31 Alarm sending</td>
<td>310 Voice call by PSTN (if PSTN module present)</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3101 Phone number 1</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3102 Phone number 2</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3103 Phone number 3</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3104 Phone number 4</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>311 Call settings</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3110 Call with acknowledgement</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>3111 Dial-up delay</td>
<td>page 31</td>
</tr>
<tr>
<td></td>
<td>312 SMS sending (by PSTN, GSM or IP)</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>3121 SMS number 1</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>3122 SMS number 2</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>3123 SMS number 3</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>3124 SMS number 4</td>
<td>page 32</td>
</tr>
<tr>
<td>3 Phone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32 SMS settings</td>
<td>320 SMS customisation</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>322 SMS on user code 2</td>
<td>page 32</td>
</tr>
<tr>
<td></td>
<td>323 SMS on user code 3</td>
<td>page 32</td>
</tr>
<tr>
<td>33 PSTN settings</td>
<td>330 PSTN module status</td>
<td>page 33</td>
</tr>
<tr>
<td></td>
<td>331 PSTN line cut</td>
<td>page 33</td>
</tr>
<tr>
<td></td>
<td>332 SMS sending test by PSTN</td>
<td>page 33</td>
</tr>
<tr>
<td></td>
<td>333 SMS sending by PSTN</td>
<td>page 33</td>
</tr>
<tr>
<td></td>
<td>334 Voice call test</td>
<td>page 33</td>
</tr>
<tr>
<td>34 GSM settings</td>
<td>340 GSM module status</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>341 GSM network failed</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>342 SMS sending test by GSM</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>343 GSM operator name</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>344 PIN entry (if GSM module present)</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>345 PUK entry</td>
<td>page 34</td>
</tr>
<tr>
<td></td>
<td>346 GSM periodic test</td>
<td>page 34</td>
</tr>
<tr>
<td>4 Date and time</td>
<td>41 Date</td>
<td>page 35</td>
</tr>
<tr>
<td></td>
<td>42 Time</td>
<td>page 35</td>
</tr>
<tr>
<td>5 Device list</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Event log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 Remote monitoring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Making the system settings

1. Language for keypad display and voice synthesis

[Language] French is already selected.

2. Customisation of codes on keypad

All the codes to be stored must be between 0001 and 9998. You should enter these immediately on the memo sheet in the operating manual.

- User code 1

[User code 1] ... as for User code 1.

- User code 2

[User code 2] ... as for User code 1.

- User code 3

[User code 3] ... as for User code 1.

- Duress code, mute

The mute duress code is used, if it is necessary when you arrive home, to disarm the alarm while automatically and discreetly sending an alarm message by telephone without triggering the sirens. For example, this code can be the user code + 1.

- Duress code + siren

The duress code + siren is used, if it is necessary when you arrive home, to disarm the alarm while automatically and discreetly sending an alarm message by telephone and triggering the sirens. For example, this code can be the user code + 2.

- Arm without code

To arm the alarm with or without code (Arm without code):
Making the system settings

3. Phone

3Phone

31 Alarm sending
To store:
- either 4 telephone numbers for sending synthesised voice alarm messages by fixed telephone line (PSTN),
- or 4 SMS numbers for sending alarm SMSs by GSM,
- or a combination of both, if the installation includes the PSTN module + the GSM module.

31 Phone call by PSTN
To store 4 telephone numbers for sending synthesised voice alarm messages to neighbours’, family members’ or friends’ mobile or fixed telephones:

If “Phone number 1” does not respond or if the recipient does not press “9” to confirm receipt of the message then the next number is dialled.

3101 Phone number 1
9598964872
The new phone number is stored (for example) (max. 15 digits)

3102 Phone number 2
Erased
The number is erased

3103 Phone number 3
... as for menu 3101

3104 Phone number 4
... as for menu 3101

Inform the recipients of alarm messages that their phone numbers have been stored.

If “Phone number 1” does not respond or if the recipient does not press “9” to confirm receipt of the message then the next number is dialled.

If any of the recipients of an alarm message have a fully unbundled line then they may not always be able to confirm receipt of the message by pressing “9” on their telephone.
You can choose that recipients do not have to acknowledge successful receipt of an alarm message; see menu 3110.

3110 Call with acknowledgement
Used to make settings for sending alarm messages, either by fixed line or GSM.

3111 Call settings
So that the recipient of a synthesised voice alarm message performs remote acknowledgment (by pressing “9”) or does not acknowledge receipt of an alarm message:

1 yes, 0 no

0 OK
No acknowledgment

1 OK
Acknowledged with “9” (default)

If the recipient of a synthesised voice alarm message has a fully unbundled telephone line, it is essential to deactivate the acknowledgement of the alarm message. In this case the phone dialer will only cycle through the 4 stored telephone numbers once (menus 3101 to 3104).

3111 Dial-up delay
To avoid immediate dial-up if an alarm is triggered by accident:

Setting of the delay before dial-up in the event of intrusion (from 0 to a maximum of 30 seconds), 10 seconds by default
Making the system settings

To store 4 SMS numbers for sending alarm SMSs by the fixed telephone line (PSTN) or GSM, to neighbours’, family members’ or friends’ mobile or fixed telephones (for fixed telephones, the alarm SMS will be voice synthesised by the operator):

- **312 SMS sending**
  - **3121 SMS number 1**: Empty
    - The new phone number is stored (for example) (max. 15 digits)
  - **3122 SMS number 2**: Empty
  - **3123 SMS number 3**: Empty
  - **3124 SMS number 4**: Empty
    - The number is erased

- **32 SMS settings**
  - **32 SMS customisation**
    - **Customisation**
      - Entry of a name or description (maximum 15 characters)
    - **OLIVIER**
    - **Erased**
      - The custom setting is erased

  Press successively on the same alphanumeric key to select the letter of your choice.

To receive an alert SMS after the system has been armed/disarmed by user code 2 (stored in menu 22) (only if the system was fully armed). Only the 1st SMS number will be alerted.

Receipt of the alert SMS will only be possible if:
- menu 333 is activated, or
- the central unit/phone dialer contains the GSM module.

For example: to be informed when your child gets back from school or of the arrival/departure of the cleaner.

- **322 SMS on User code 2**
  - **1 yes, 0 no**
    - (default)
  - **No SMS sent**
  - **SMS sent OK**

To receive an SMS after the system has been armed/disarmed by user code 3 (stored in menu 23).

- **323 SMS on User code 3**
  - **As for menu 322**
Making the system settings

33 PSTN settings
Used to check the status of the fixed telephone line and perform sending tests before the system is armed for the first time.

330 PSTN module status
Used to check whether or not the PSTN module is connected:

- Present
- Missing

331 PSTN line cut
For the sending of an alarm message and the triggering of the sirens if the fixed phone line is cut (only if the system is fully armed):

If your fixed phone line does not function during a power failure (if you have a broadband router/modem), do not activate phone line cut supervision (to avoid false alarms).

332 SMS sending test by PSTN
To check correct sending of an SMS by the fixed phone line (PSTN):

- Yes
- No supervision
- Supervision OK

333 SMS sending by phone
To be informed by the sending of an alert SMS by the fixed phone line (PSTN) when the system is armed/disarmed or an alarm SMS in the event of an alarm. Only works with a France Telecom line.
The sending of alert SMSs on User codes 2 and 3 depends on this setting; see menus 322 and 323.

334 Voice call test
To check correct sending of synthesised voice alarm message by the fixed phone line (PSTN).

Only the 1st number is called.
The message delivered by voice synthesis will be: “Press 9 to send alarm message”.

When the recipient presses 9, the central unit/phone dialer hangs up.
Making the system settings

34 GSM settings

Used to identify the name of the strongest GSM network at the installation, find out the status of the GSM line, make SIM card settings and send a test alarm SMS to the 1st number.

To find out the status of the GSM network at any time.

List of order of messages:

- GSM OFF
  ➔ There is a power failure.
- GSM not initialised
  ➔ (fleeting message)
- GSM PIN rejected
- GSM SIM access prob.
- GSM PIN error
  ➔ A new PIN must be entered.
- Connecting
- Connection failed
- GSM connected to network 3/5
  ➔ The number from 0 to 5 indicates network strength, with 5/5 being maximum strength.
- GSM missing
  ➔ No GSM module detected.

341 GSM network lost

Used to set the length of time in minutes (between 0 and 240 minutes) after which you wish to be alerted by SMS by the fixed line or IP (if you have opened an account).

342 SMS sending test by GSM

To check correct sending of a test SMS by GSM. This test will be sent to the 1st SMS number stored (see menu 3111).

343 GSM operator name

To check the operator’s name.

344 PIN entry

Enter the 4-digit PIN shown on the subscription contract, if the PIN is activated on the SIM card.

If you enter the PIN incorrectly 3 times, find out the PUK from the SIM card support card, or ask your GSM operator for it so that you can unlock the SIM card.

345 PUK entry

The PUK should only be entered if the SIM card is locked.

Enter the PUK given to you by your GSM operator.

346 GSM periodic test

To receive an automatic SMS at midday by GSM confirming satisfactory operation of the GSM function. Only the 1st SMS number will be alerted.
Making the system settings

4. Storing the date and time

This menu makes it possible to timestamp alarm messages.

If the installation includes an IP module and your central unit/phone dialer is connected to a broadband router/modem, the central unit/phone dialer will automatically manage the summer/winter clock change.

Date and time

This menu can be used to view the last 500 events (alarms, faults, arming/disarming, radio link lost, start of sending of alarm messages, end of sending of alarm messages, tampered device, code entry, low batteries) together with their date and time of occurrence.

- define the name of each device in order to fully customise the installation and identify devices easily in the event of a fault or loss of radio link,
- be aware of the status of each device in the system at all times (battery level, alarm, tamper switch, radio link) by switching between them using the or keys.

5. Customising devices

This menu is used to:

- Device name?
- Enter the name (max. 15 characters), for example: garage door
- The device is no longer stored in the system

Switch to another device: or keys

6. Log of recent events

This menu can be used to view the last 500 events (alarms, faults, arming/disarming, radio link lost, start of sending of alarm messages, end of sending of alarm messages, tampered device, code entry, low batteries) together with their date and time of occurrence.

To switch to another event: or keys
Making the system settings

Menu sequence (continued), Advanced functions

<table>
<thead>
<tr>
<th>71</th>
<th>Entry delay</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>Fault erasing</td>
<td>37</td>
</tr>
<tr>
<td>73</td>
<td>Sound options</td>
<td></td>
</tr>
<tr>
<td>74</td>
<td>Jamming detection</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>Advanced functions</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>Control of automatic devices</td>
<td></td>
</tr>
<tr>
<td>77</td>
<td>Time programming</td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>IP settings</td>
<td></td>
</tr>
<tr>
<td>79</td>
<td>Remote monitoring</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>71</th>
<th>Entry delay</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>Fault erasing</td>
<td>37</td>
</tr>
<tr>
<td>73</td>
<td>Sound options</td>
<td>37</td>
</tr>
<tr>
<td>74</td>
<td>Jamming detection</td>
<td>38</td>
</tr>
<tr>
<td>75</td>
<td>Advanced functions</td>
<td>38</td>
</tr>
<tr>
<td>76</td>
<td>Control of automatic devices</td>
<td>40</td>
</tr>
<tr>
<td>77</td>
<td>Time programming</td>
<td>42</td>
</tr>
<tr>
<td>78</td>
<td>IP settings</td>
<td>44</td>
</tr>
<tr>
<td>79</td>
<td>Remote monitoring</td>
<td>44</td>
</tr>
</tbody>
</table>
## Making the system settings

### 7. Settings for advanced functions

#### 7.1 Entry delay

**Used to set the entry delay for the intrusion detectors in zone A with delayed triggering, with a value of 1 to 60 seconds before triggering of the alarm:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>45 seconds by default</td>
</tr>
</tbody>
</table>

#### 7.2 Fault erasing

**To erase all of the faults on the LCD keypad and switch off the orange indicator on the LCD keypad:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
</table>

#### 7.3 Sound options

The following menus are used to customise the BEEPS! and the functioning of the installation’s sirens.

##### 7.3.1 KIELA level

**To cause the indoor siren to emit a CHIME on the opening of a door protected by an opening detector in zone A (with delayed triggering) when the system is part armed (zone A):**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (default)</td>
</tr>
<tr>
<td>0</td>
<td>No</td>
</tr>
</tbody>
</table>

##### 7.3.2 Phone dialer beeps

**To cause the central unit/phone dialer to emit a BEEP! on arming/disarming:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes (default)</td>
</tr>
<tr>
<td>0</td>
<td>No</td>
</tr>
</tbody>
</table>

##### 7.3.3 Integrated siren

**Do not change this menu.**

##### 7.3.4 High on part arming

**Used to customise the functioning of the sirens when the system is part armed:**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>0</td>
<td>No</td>
</tr>
</tbody>
</table>

##### 7.3.5 KIELA level

**To set the sound level of the CHIME and the BEEP! on the sirens:**

Anything detected by an opening detector in zone A with delayed triggering results in a CHIME on the indoor siren (Kiela function) if the system is part armed and in zone A and if the Kiela function is selected in menu 731 above.

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Level 1, 2 or 3</td>
</tr>
<tr>
<td>2</td>
<td>Low level</td>
</tr>
<tr>
<td>3</td>
<td>Medium level</td>
</tr>
<tr>
<td>1</td>
<td>High level</td>
</tr>
<tr>
<td>2</td>
<td>(default)</td>
</tr>
</tbody>
</table>
Making the system settings

To set the sound level of all the sirens in the installation:

- Level 1, 2 or 3
- Low level
- Medium level
- High level (default)

To cause a message to be entered in the event log on the LCD keypad if jamming is detected:

- No inf. detect (default)
- Jamming detect. OK

To cause or inhibit the sending of an alarm message when the system is part armed:

- No message is sent (default)
- Message is sent

If you have a remote monitoring contract, you should store a locking number sent to you by the remote monitoring centre:

The number is stored

Used to cause the central unit/phone dialer to enter storage mode for 2 minutes when additional devices are stored, when the central unit/phone dialer is already installed and the system is already operational:

“Memory open” is displayed and the keypad then goes off. You have 2 minutes to store a device.

To terminate storage mode:

“Memory closed” is displayed and the keypad then goes off. Storage mode has ended.

To be informed by SMS of a power failure on the central unit/phone dialer:

Setting of the delay before the sending of a “Power failure” SMS, between 0 and 240 minutes (15 minutes by default).

Function deactivated.
Making the system settings

This menu is used to:
- store Somfy automatic devices (roller shutters, gate, garage door) or the Somfy light receiver;
- assign the [key1] and [key2] keys on the LCD keypad to these automatic devices;
- to create roller shutter up/down scenarios or light on/off scenarios.

First of all, read the instructions for the Somfy motor/receiver that you want to trigger (see section “Storing remote controls”).

To store the roller shutter receiver:
- open the memory of the roller shutter receiver (refer to the corresponding instructions);
- press [key1] [key2] [key3] [OK] The roller shutter receiver is stored

To store the light receiver:
- open the memory of the light receiver (refer to the corresponding instructions);
- press [key1] [key2] [key3] [OK] The light receiver is stored

To store the gate automatic device:
- disconnect the central unit/phone dialer telephone cable on the wall side;
- deactivate the central unit/phone dialer tamper switch by pressing OFF on the remote control until the indicator goes off;
- you have 2 minutes to open the central unit/phone dialer and remove it from the wall;
- disconnect all the cables inside the central unit/phone dialer;
- open the cover of the gate automatic device;
- move the centre of the central unit/phone dialer close to the gate electronic unit, under the cover;
- open the memory of the gate automatic device (refer to the corresponding instructions);
- press [key1] [key2] [key3] [OK] The gate automatic device is stored

To store a garage door automatic device:
- open the memory of the garage door automatic device (refer to the corresponding instructions);
- press [key1] [key2] [key3] [OK] The garage door automatic device is stored

This menu allows you to assign a Somfy automatic device to the key [key1] on the LCD keypad (and all the LCD keypads in the installation):

Delete the assignment of key [key1] (default)
key1 key will control the roller shutters
key1 key will control the lighting
key1 key will control the gate
key1 key will control the garage door

This menu allows you to assign a Somfy automatic device to the key [key2] on the LCD keypad (and all the LCD keypads in the installation):

Delete the assignment of key (default)
key2 key will control the roller shutters
key2 key will control the lighting
key2 key will control the gate
key2 key will control the garage door
Making the system settings

You can use this menu to bring the roller shutters down:
- either in the event of intrusion, to protect the dwelling,
- or when the alarm is armed when you leave your home

You can use this menu to cause the roller shutters to come up:
- either when smoke is detected by the Somfy smoke detector (ref. 2400443), to enable easy evacuation,
- or when the alarm is disarmed when you return home

You can use this menu to cause the light to come on:
- either in the event of an intrusion, to give the impression that the house is occupied,
- or when the alarm is armed when you leave your home / when the alarm is disarmed when you return home

Period for which the light remains on, 120 seconds by default.
If the value = 0, the light stays on constantly.
Making the system settings

You can use this menu to programme the automatic arming of the system and simulate presence in the dwelling (lighting or roller shutters).

To programme one or two automatic arming(s) (for example: at 8:50 in the morning, when everyone has left the house, or at 23:00 in the evening when everyone is in bed).

To store the time of the 1st automatic arming of the alarm:

- **OK**

To select the zone or zones to be armed at the 1st automatic arming time:

- **OK**

To store the time of the 2nd automatic arming of the alarm:

- **OK**

To select the zone or zones to be armed at the 2nd automatic arming time:

- **OK**

To select the days for the 1st and 2nd automatic arming:

- **OK**

To cause or inhibit a BEEP! when the alarm is automatically armed, and set the interval between this BEEP! and the automatic arming:

- **OK**
Making the system settings

To simulate a presence by programming the switching on and off of a light.

**Time light is switched on, time slot 1:**

<table>
<thead>
<tr>
<th>Day</th>
<th>Start Time</th>
<th>End Time</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>06:45</td>
<td></td>
<td>Light on 1</td>
</tr>
</tbody>
</table>

To cancel light programming 1, enter identical on and off times.

**Time light is switched off, time slot 1:**

<table>
<thead>
<tr>
<th>Day</th>
<th>Start Time</th>
<th>End Time</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>08:15</td>
<td></td>
<td>Light off 1</td>
</tr>
</tbody>
</table>

To select the days on which presence is to be simulated using a light:

**MTWTFSS: 1010010**

To cancel the time programming, set all the days to “0”.

To set the delay between the programmed and actual on and off times randomly:

<table>
<thead>
<tr>
<th>Delay (minutes)</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Light on 1</td>
</tr>
</tbody>
</table>

For example: if you have set a delay of 15 minutes for a programmed light on time of 19:00, the actual light on time will be between 19:00 and 19:15 and at a different time for each chosen day.
Making the system settings

**Presence simulation using roller shutters:** to simulate a presence by programming the opening and closing of roller shutters.

To cancel the programing, enter identical up and down times.

**Presence simulation associated with system status:** to assign a system status for which the presence simulations (light and roller shutters) programmed above are to take effect.

To set the command delay on triggering of the outdoor movement detector, between 1 and 120 seconds:
Making the system settings

This menu is used to read the IP address of the central unit/phone dialer and the IP address of the broadband router/modem.

**IP address of the central unit/phone dialer** (record on the memo sheet in the operating manual).

**IP address of the broadband router/modem** (record on the memo sheet in the operating manual).
Recording a customised alarm message announcement

This message can only be recorded if your central unit/phone dialer is equipped with a PSTN module.

The customised alarm message is used to introduce the alarm message sent by voice synthesis. It can only be recorded remotely as follows:

**Connect to the phone dialer from another telephone line or mobile telephone**
Press OFF + enter user code 1 on the LCD keypad (or OFF on the remote control).

Dial the telephone number of the line to which the phone dialer is connected.  
Wait for it to ring 3 times...  
Wait for 10 s  
Hang up

Dial the same telephone number  
Wait for it to ring 2 times...  
Enter the installer code

If the code is incorrect, the phone dialer will hang up and it is necessary to start again.

The phone dialer specifies the system status:

Zone A and/or Zone B and/or Zone C armed  
(or) System armed  
(or) System disarmed  
and  
Alarm stored for Zone A and/or Zone B and/or Zone C and/or Technical Unit (domestic fault) or System (or) No alarm stored

\[\text{⚠️ No entries are accepted while a voice message is being issued.}\]

**Record the welcome message**

<table>
<thead>
<tr>
<th>Setting</th>
<th>Select menu</th>
<th>Entry of message</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record a welcome message</td>
<td>3 3</td>
<td>“This call is from Mr Dupont’s alarm system...”</td>
<td>Listen to the recorded message</td>
</tr>
<tr>
<td>Listen to the recorded message</td>
<td>4 3</td>
<td></td>
<td>Listen to the recorded message</td>
</tr>
</tbody>
</table>
Testing the installation

Testing the detectors

**With the alarm disarmed, press the detector**

For a 2-minute period, the indicator on the detector lights up on each detection

Door opening/closing

Movement in front of the detector

For the outdoor movement detector, refer to the corresponding instructions.

Testing the sirens and the phone dialer

**Arm the alarm**

1. Press

2. Type the duress code + siren
   (must be stored in menu 25)

Hold down the ON key until the indicator goes off.

3. The sirens are activated for 2 minutes and the phone dialer picks up the line

You can interrupt the sirens and the call cycle by disarming the alarm. To do this, press OFF on the remote control or OFF + user code 1 on the keypad.

Testing the phone dialer only

To test for correct sending of an SMS by the fixed phone line, enter the following on the LCD keypad:

```
3 3 2 OK
```

The SMS sent will be "SMS sending test". The test will be sent to the 1st SMS number stored.

To test for correct sending of an SMS by GSM, enter the following on the LCD keypad:

```
3 4 2 OK
```

The SMS sent will be "SMS sending test". This test will be sent to the 1st SMS number stored.

To test for correct sending of an SMS to the 4 numbers stored: On the LCD keypad:

1. Press OFF
2. Enter the duress code, mute (should be stored in menu 24). The call cycle for sending the alarm message to the 4 phone numbers starts.
3. Stop the alarm message call cycle by pressing the OFF key on the remote control or OFF + user code 1 on the keypad.

Testing the entire system

**Fully arm the alarm and then leave the house.**

1. Press OFF

2. Enter the duress code, mute (should be stored in menu 24). The call cycle for sending the alarm message to the 4 phone numbers starts.
3. Stop the alarm message call cycle by pressing the OFF key on the remote control or OFF + user code 1 on the keypad.

After the 2 minute exit delay, open all the doors and windows that are equipped with opening detectors.

Move in front of at least one movement detector.

The sirens are triggered. **Allow the sirens to ring for at least the programmed telephone dial-up delay.**

The phone dialer starts dialing.

The roller shutters come down and the lights come on if these functions are programmed.

**Disarm the alarm** by pressing the OFF key on the remote control.

The call cycle stops with the exception of the current call. Identify the detectors that triggered the alarm (see page 50).

If a problem occurred during the test, refer to page 52, Troubleshooting.
Remote settings via telephone

Making settings remotely via telephone is particularly recommended if settings are changed later after initial installation.

The “Remote settings via telephone” function is only guaranteed for France Telecom lines. It is only possible if your customer agrees. The customer must have entered OFF + user code 1 on his/her LCD keypad before you enter your installer code remotely.

Connect to the phone dialer from a telephone outside the dwelling: proceed as described on page 45. If the code is correct, the phone dialer specifies the system status; otherwise it hangs up.

No entries are accepted while a voice message is being issued.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Select menu</th>
<th>Entry of setting (format/example)</th>
<th>Voice message (example) / Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record the date and time</td>
<td><em>1</em></td>
<td>DDMYYYYHHMM#</td>
<td>your entry is one, asterisk, one, two, zero, six, two, ... hash</td>
</tr>
<tr>
<td>Record a phone number</td>
<td><em>2</em></td>
<td>type the number (max. 15 digits) e.g.: 0723456789</td>
<td># First alarm phone number</td>
</tr>
<tr>
<td>Record a welcome message</td>
<td><em>3</em></td>
<td>“This call is from Mr Dupont’s alarm system...”</td>
<td># Listen to the recorded message</td>
</tr>
<tr>
<td>Listen to the recorded message</td>
<td><em>4</em></td>
<td></td>
<td># Listen to the recorded message</td>
</tr>
<tr>
<td>Customise the installer code</td>
<td><em>5</em></td>
<td>type the 4-digit code</td>
<td># Entry of the installer code</td>
</tr>
<tr>
<td>Customise the user code</td>
<td><em>1</em></td>
<td></td>
<td># Entry of the user code</td>
</tr>
</tbody>
</table>

The character * is the separator, and the character # is used to confirm.

Viewing stored information when the orange indicator flashes on the LCD keypad

On the LCD keypad
If a fault is detected, the orange indicator flashes and the fault is indicated on the screen. Enter the log, type in the installer code, press menu and view menu 5 “Device list” for more information.

<table>
<thead>
<tr>
<th>Type of stored message</th>
<th>Category</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm or Battery low</td>
<td>AD</td>
<td>Zone A - With delay</td>
</tr>
<tr>
<td>Radio link lost</td>
<td>SYS</td>
<td>System (keypads, sirens, phone dialer, disconnected IP camera)</td>
</tr>
<tr>
<td></td>
<td>TEC</td>
<td>Technical (smoke, water leakage or power detectors)</td>
</tr>
</tbody>
</table>

To erase the stored faults and switch off the orange indicator on a keypad, fully arm the alarm and then disarm it using that keypad, or go to menu 72 “Fault erasing”. The battery and radio link lost faults will reappear if they have not been corrected.
<table>
<thead>
<tr>
<th>System triggering</th>
<th>Indoor siren triggered</th>
<th>Outdoor siren with flash triggered</th>
<th>Light triggered (120 s)</th>
<th>Roller shutter triggered</th>
<th>Telephone transmission of a message</th>
<th>Stored</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Voice depending on settings</td>
<td>SMS</td>
</tr>
<tr>
<td>System arming</td>
<td>Beeps or series of beeps (depending on siren setting)</td>
<td>Beeps or series of beeps (depending on siren setting)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>System disarming</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duress alarm with siren</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Duress alarm without siren</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Opening of device after prolonged OFF</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Battery error in device</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Device radio link lost</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Radio jamming (if function confirmed)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Triggering of water leakage detector</td>
<td>Yes (low)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Power failure detection function (central unit or detector)</td>
<td>Series of beeps after detector delay</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Triggering of smoke detector</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>GSM network failed</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Unauthorised opening of device</td>
<td>Yes low or high depending on settings</td>
<td>Yes/No depending on settings</td>
<td>If outdoor siren triggered</td>
<td>Yes/No depending on settings</td>
<td>Down Yes/No depending on settings</td>
<td>Yes/No depending on settings (if no CS)</td>
</tr>
<tr>
<td>Fixed phone line cut (if function activated in Menu 331 and the line has been present at least once)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Part armed</td>
<td>Yes high/low depending on settings</td>
<td>Yes/No depending on settings</td>
<td>No if Kiela</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Triggering of a detector in zone A with delay</td>
<td>Possibility of Kiela beeps depending on settings</td>
<td>No if Kiela</td>
<td>No if Kiela</td>
<td>No if Kiela</td>
<td>No if Kiela</td>
<td>No if Kiela</td>
</tr>
<tr>
<td>Triggering of a detector in zone A (immediate), B or C</td>
<td>Yes high/low depending on settings</td>
<td>Yes/No depending on settings</td>
<td>If outdoor siren triggered</td>
<td>Yes/No depending on settings</td>
<td>Down Yes/No depending on settings</td>
<td>No if Kiela</td>
</tr>
<tr>
<td>Unauthorised opening of device</td>
<td>Yes high/low depending on settings</td>
<td>Yes/No depending on settings</td>
<td>If outdoor siren triggered</td>
<td>Yes/No depending on settings</td>
<td>Down Yes/No depending on settings</td>
<td>No if Kiela</td>
</tr>
<tr>
<td>Fixed phone line cut (if function activated in Menu 331 and the line has been present at least once)</td>
<td>Yes high/low depending on settings</td>
<td>Yes/No depending on settings</td>
<td>If outdoor siren triggered</td>
<td>Yes/No depending on settings</td>
<td>Down Yes/No depending on settings</td>
<td>-</td>
</tr>
<tr>
<td>Fully armed</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Down Yes/No depending on settings</td>
<td>Yes (if no CS)</td>
</tr>
<tr>
<td>Fixed phone line cut (if function activated in Menu 331 and the line has been present at least once)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Summary of system operation:
### The information available when the system is armed/disarmed

<table>
<thead>
<tr>
<th>Operation</th>
<th>System Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disarming</td>
<td>Battery error in device&lt;br&gt;Zone X tampered device alarm&lt;br&gt;Radio jamming&lt;br&gt;Fixed phone line cut&lt;br&gt;GSM network failed&lt;br&gt;Duress alarm with siren&lt;br&gt;Duress alarm without siren&lt;br&gt;Triggering of water leakage detector&lt;br&gt;Triggering of power detector&lt;br&gt;Triggering of smoke detector&lt;br&gt;Triggering of a detector in zone A, B or C</td>
</tr>
<tr>
<td>Arm ing</td>
<td>Battery error in device&lt;br&gt;Zone X tampered device alarm&lt;br&gt;Radio jamming&lt;br&gt;Fixed phone line cut&lt;br&gt;GSM network failed&lt;br&gt;Duress alarm with siren&lt;br&gt;Duress alarm without siren&lt;br&gt;Triggering of water leakage detector&lt;br&gt;Triggering of power detector&lt;br&gt;Triggering of smoke detector&lt;br&gt;Triggering of a detector in zone A, B or C</td>
</tr>
</tbody>
</table>

### System information

<table>
<thead>
<tr>
<th>Event</th>
<th>Transmitted remotely</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Customisation message + date and time + specific message (by voice synthesis)</td>
</tr>
<tr>
<td></td>
<td>Customisation message + date and time + specific message (by SMS)</td>
</tr>
<tr>
<td></td>
<td>Specific message + customisation message + date and time</td>
</tr>
</tbody>
</table>

### Event log

| Event         | To access menu “6Event log”<br>Enter the Installer code + menu<br>Press on the or keys to display the various entries in the event log<br>All events (alarm, fault, arming/disarming) are stored in the log together with their date and time |
Replacing the batteries

How do you know if a device’s batteries are discharged?

**BEEP! BEEP! BEEP! BEEP!**

A rapid series of BEEPs! is heard when the alarm is armed.

The icon on the LCD keypad flashes. The following message is displayed:

- **BATTERY / LINK**

Identifying the affected device

To identify the device, go to menu 5 and press the keys.

If the indicator does not light up, the batteries need changing.

If you hear a series of BEEPs and the indicator lights up, the detector has triggered.

Changing the batteries in a device

1. **Deactivate the installation’s tamper switch**  
   (to avoid triggering the alarm)

   Type **user code 1** and press **OFF** until the indicator goes out.

   You have 2 minutes to open the relevant device.

2. **To change the batteries in a device**

   Insert new alkaline or lithium batteries (remote control, opening detector) of the same make and batch, making sure that the + and – poles are positioned correctly.

   **Help protect the environment!**

   Your system contains many recoverable or recyclable materials, including the batteries. Dispose of your batteries at a collection point or authorised service centre where they will be dealt with properly.

Battery types

<table>
<thead>
<tr>
<th>Device</th>
<th>Batteries</th>
<th>qty</th>
<th>type</th>
<th>service life*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor siren</td>
<td></td>
<td>4</td>
<td>LR20</td>
<td>4 years</td>
</tr>
<tr>
<td>Outdoor siren with flash</td>
<td></td>
<td>4</td>
<td>LR20</td>
<td>4 years</td>
</tr>
<tr>
<td>LCD keypad</td>
<td></td>
<td>4</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Control keypad</td>
<td></td>
<td>4</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Movement detector</td>
<td></td>
<td>2</td>
<td>LR6</td>
<td>4 years</td>
</tr>
<tr>
<td>Movement detector for small pets</td>
<td>1</td>
<td>CR123A lithium</td>
<td>3 years</td>
<td></td>
</tr>
<tr>
<td>Movement detector for big dogs</td>
<td></td>
<td>2</td>
<td>LR6</td>
<td>4 years</td>
</tr>
<tr>
<td>Outdoor movement detector</td>
<td></td>
<td>3</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Opening detector</td>
<td></td>
<td>1</td>
<td>LR6</td>
<td>4 years</td>
</tr>
<tr>
<td>Opening and glass breakage detector</td>
<td>1</td>
<td>CR2450 lithium</td>
<td>4 years</td>
<td></td>
</tr>
</tbody>
</table>

* Subject to normal everyday use in a residential dwelling.

<table>
<thead>
<tr>
<th>Device</th>
<th>Batteries</th>
<th>qty</th>
<th>type</th>
<th>service life*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garage door opening detector</td>
<td></td>
<td>2</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Roller shutter opening detector</td>
<td></td>
<td>2</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Audiosonic glass breakage detector</td>
<td></td>
<td>2</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Smoke detector</td>
<td></td>
<td>1</td>
<td>6LR61</td>
<td>3 years</td>
</tr>
<tr>
<td>Water leakage detector</td>
<td></td>
<td>2</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>Power detector</td>
<td></td>
<td>2</td>
<td>LR03</td>
<td>4 years</td>
</tr>
<tr>
<td>On/Off + Zones remote control</td>
<td></td>
<td>1</td>
<td>CR2430 lithium</td>
<td>4 years</td>
</tr>
<tr>
<td>On/Off remote control</td>
<td></td>
<td>1</td>
<td>CR2430 lithium</td>
<td>4 years</td>
</tr>
<tr>
<td>Multi-application remote control</td>
<td></td>
<td>1</td>
<td>CR2430 lithium</td>
<td>4 years</td>
</tr>
<tr>
<td>Alarm phone dialer</td>
<td></td>
<td>4</td>
<td>LR20</td>
<td>4 years</td>
</tr>
<tr>
<td>Phone dialer with PC interface</td>
<td></td>
<td>4</td>
<td>LR20</td>
<td>4 years</td>
</tr>
</tbody>
</table>
Resetting the system

If a remote control or badge is lost or stolen

Erase the corresponding device in menu “Device list”, see page 34.

If the installer code is lost

A  Deactivate the installation’s tamper switch
(to avoid triggering the alarm).

Press OFF until the indicator goes out. ...BEEP! on the central unit/phone dialer.

B  Erase all the devices stored in the central unit/phone dialer

1. Remove a battery.
2. Hold the PROG button down while replacing the battery.
3. Wait for the beep and for the indicator to flash and release the button.
The indicator should flash.
4. ...20 s : BEEP!

All the devices in the installation and the installer code are erased in the central unit/phone dialer.

Store all the devices again, see page 11.
Customise all the codes again, see page 30.
Store the new date and time, see page 35.
Customise the devices again, see page 35.

Summary of all the devices that are or are not saved after being erased

<table>
<thead>
<tr>
<th>Erased devices</th>
<th>Saved devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>All codes</td>
<td>Telephone numbers for alarm sending</td>
</tr>
<tr>
<td>All recognised devices</td>
<td>The SMS customisation</td>
</tr>
<tr>
<td>The date and time</td>
<td>The programming of all automatic devices</td>
</tr>
<tr>
<td>The device customisation</td>
<td>All the time programming</td>
</tr>
</tbody>
</table>
## Troubleshooting

You can find the solutions to the most frequent problems on our website [www.somfy.xxx](http://www.somfy.xxx), section FAQ (Frequently Asked Questions).

### ... on a siren

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| **No beep when the system is armed/disarmed** | ■ Have you installed batteries in the siren?  
■ Are the batteries in good condition and positioned correctly?  
■ Is the siren stored in the central unit/phone dialer?  
■ Have you programmed the beep on the siren? see page 37. |
| **Series of beeps when the system is armed** | ■ Door open?  
■ Batteries faulty, see page 57, *"Replacing the batteries"*. |
| **The siren cannot be stored in the central unit/phone dialer when the button is pressed.** | ■ Have you installed batteries in the siren?  
■ Have you switched the central unit/phone dialer to storage mode?  
■ Are the batteries installed in the correct position? |
| **Siren does not trigger on alarm** | ■ Has the 2-minute exit delay elapsed?  
■ Has the 10-second delay after triggering elapsed for the outdoor siren? |
| **The siren triggers at a low level** | ■ Has the 10-second delay after triggering of an outdoor siren elapsed?  
■ Has the 10-second delay after triggering elapsed for the indoor siren?  
■ Is the sound level setting that can be accessed from the LCD keypad adjusted correctly?  
■ Are the batteries in good condition? |
| **The siren is triggered when the alarm system is armed** | ■ Is the siren mounted correctly on the wall?  
■ Is the cover closed and locked?  
■ Is the tamper switch positioned correctly? |
| **No beep on storage** | ■ This can be due to the button inside the siren being pressed down for too long.  
Check that the siren is on the “Device list “. If it is there, remove it and repeat the storage procedure, pressing briefly on the button inside the siren. |

### ... on a movement detector

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| **No beep when the detector button is pressed** | ■ Is the cover closed? Is the detector stored in the central unit/phone dialer?  
■ Have you installed batteries in the detector?  
■ Are the batteries in good condition and positioned correctly? |
| **The detector cannot be stored in the central unit/phone dialer when the button is pressed.** | ■ Is the cover closed?  
■ Have you installed batteries in the detector?  
■ Have you switched the central unit/phone dialer to storage mode? |
| **The detector indicator does not light up in response to a movement during the test phase** | ■ Is the detector fixed at the correct height on the wall?  
■ Have you passed through at least 2 beams (see page 13)?  
■ Are the batteries in good condition and positioned correctly?  
■ Have the batteries been installed in the correct position for at least 1 minute? |
| **The system is triggered on detection even when disarmed** | ■ Is the detector mounted correctly on the wall?  
■ Is the cover closed? Is the tamper switch positioned correctly? |
| **The system is not triggered on detection when armed** | ■ Has the room in which the detector is located been empty for at least 2 minutes?  
■ Are the group switches set correctly? (see page 9)  
■ Check the detector’s area of coverage. |
| **Accidental triggering with system armed** | ■ Is the detector located near a heat source?  
■ Is the room inhabited by animals (rodents, birds)?  
■ Are there any moving items in the detector’s field of action? (curtain, plant that moves in a draught) |
# Troubleshooting

## ... on an opening detector

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| No beep when the detector button is pressed | - Have you installed the battery in the detector? Is it stored?  
- Is the battery in good condition and positioned correctly (+ on top)? |
| The detector cannot be stored in the central unit/phone dialer when the button is pressed. | - Have you installed the battery in the correct position in the detector?  
- Have you switched the central unit/phone dialer to storage mode? |
| The detector indicator does not light up when a door is opened or closed during the test phase | - Is the magnet installed at a correct distance from the detector?  
- Are the markings aligned correctly? (see page 12)  
- Is the battery in good condition and positioned correctly (+ on top)? |
| The system is triggered on detection even when disarmed | - Is the detector mounted correctly on the door or window?  
- Is the cover closed?  
- Is the tamper switch positioned correctly? |
| The system is not triggered on detection when armed | - Has the 2-minute exit delay elapsed?  
- Are the zone switches set correctly? (see page 9) |

## ... on a control device

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| Alarm system cannot be armed or disarmed | - Have you installed the batteries in the correct position in the control device? Is it stored?  
- Are the batteries in good condition and positioned correctly?  
- Is the control device stored in the central unit/phone dialer?  
- Have you entered an incorrect code 3 times? (operation locked for 2 minutes). |
| The orange indicator on the keypad flashes | - See section “Viewing stored information when the orange indicator flashes on the LCD keypad” (page 47). |

## ... on a phone dialer

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| No acoustic beep when the system is armed/disarmed | - Have you installed batteries in the phone dialer?  
- Are the batteries in good condition and positioned correctly?  
- Have you programmed the beep on the phone dialer correctly? (see page 23). |
| There is no telephone transmission on an alarm | - Have you programmed the phone numbers correctly?  
- Is your system fully armed?  
- Has the dial-up delay elapsed?  
- Is the telephone cable connected correctly? |
| No SMS is sent when the system is armed/disarmed (function only accessible from the LCD keypad) | - Have you correctly programmed the SMS numbers and server numbers and validated calling on user code 2 or 3?  
- Have you fully armed or disarmed the system using user codes 2 or 3?  
- Was the telephone that was intended to receive the SMS operating and reachable at the time the call was made?  
- Make sure that your telephone operator offers the SMS service (functions on France Telecom lines). |
| Problems during remote configuration/control of the phone dialer | The function is not fully guaranteed except for France Telecom lines. |
| The red indicator light is flashing quickly on the GSM module | - No SIM card or SIM card inserted incorrectly.  
- Antenna disconnected. |
<table>
<thead>
<tr>
<th>Device</th>
<th>Use</th>
<th>Operating temperature</th>
<th>Tamper switch</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor siren</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>Opening</td>
<td>Triggers a low level alarm for 10 seconds (95 dB) followed by 110 seconds at full power (112 dB) or triggering of the alarm for 2 minutes at low level 95 dB depending on the settings.</td>
</tr>
<tr>
<td>Outdoor siren with flash</td>
<td>Outdoor under cover</td>
<td>-25 to +55 °C</td>
<td>Opening</td>
<td>No acoustic alarm triggered for 10 seconds then low level alarm for 10 seconds (90 dB) then 100 seconds at full power (108 dB). Flash triggered for 120 seconds.</td>
</tr>
<tr>
<td>LCD keypad</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>Opening</td>
<td>Provides visual information on commands. Ability to view event log. Direct command of alarm or automatic devices via the \textsuperscript{1} and \textsuperscript{2} keys.</td>
</tr>
<tr>
<td>Control keypad</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>Opening</td>
<td>3 types of system part arming, full arming and disarming.</td>
</tr>
<tr>
<td>Movement detector</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>Opening</td>
<td>Radius of action of 10 metres with an angle of 90 °.</td>
</tr>
<tr>
<td>Movement detector for small pets</td>
<td>Indoor</td>
<td>-10 to +50 °C</td>
<td>Opening</td>
<td>Radius of action of 12 metres with an angle of 85 °.</td>
</tr>
<tr>
<td>Movement detector for big dogs</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>Opening</td>
<td>Radius of action of 12 metres with an angle of 110 °. No detection between the floor and the detector.</td>
</tr>
<tr>
<td>Outdoor movement detector</td>
<td>Outdoor</td>
<td>-25 to +50 °C</td>
<td>Opening</td>
<td>Radius of action dependent on settings: see the detector.</td>
</tr>
<tr>
<td>IP camera</td>
<td>Indoor</td>
<td>0 to +50 °C</td>
<td>-</td>
<td>Detection angle: 47° Min. illumination: 1 lux (does not operate in the dark) Light sensitivity: 10,000 lux 360° adjustable stand</td>
</tr>
<tr>
<td>Opening detector</td>
<td>Indoor</td>
<td>-10 to +55 °C</td>
<td>Opening</td>
<td>Maximum distance between magnet and detector of 10 mm on wood and 5 mm on soft metal.</td>
</tr>
<tr>
<td>Opening and glass breakage detector</td>
<td>Indoor</td>
<td>-10 to +55 °C</td>
<td>Opening</td>
<td>Detects the breaking of glass and the opening of a window.</td>
</tr>
<tr>
<td>Garage door opening detector</td>
<td>Indoor</td>
<td>-10 to +55 °C</td>
<td>Opening</td>
<td>Detects the opening of a garage door.</td>
</tr>
<tr>
<td>Roller shutter opening detector</td>
<td>Indoor</td>
<td>-10 to +55 °C</td>
<td>Opening</td>
<td>Detects a 5 cm upward movement of the last shutter strip.</td>
</tr>
<tr>
<td>Audiosonic glass breakage detector</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>-</td>
<td>Detects the breaking of glass in external windows only.</td>
</tr>
<tr>
<td>Smoke detector</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>-</td>
<td>Detects the presence of smoke near the detector. It is essential to fix it to the ceiling.</td>
</tr>
<tr>
<td>Water leakage detector</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>-</td>
<td>Detects the presence of water at the electrodes.</td>
</tr>
<tr>
<td>Power detector</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>-</td>
<td>Detects any power failure.</td>
</tr>
<tr>
<td>Remote controls</td>
<td>Indoor</td>
<td>+5 to +40 °C</td>
<td>-</td>
<td>Arm/disarms the system. Provides visual information on commands (depending on model)</td>
</tr>
<tr>
<td>Device</td>
<td>Operation</td>
<td>Operating temperature</td>
<td>Tamper switch</td>
<td>Action</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------</td>
<td>-----------------------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Central unit/phone dialer | Indoor | +5 to +40 °C          | Opening Removal | ■ Can only be used on an analogue line with DTMF code-compatible dialling for the PSTN module.  
■ Remote settings in voice mode via DTMF codes (requires a France Telecom line).  
■ Making local settings using the LCD keypad or by computer, depending on version.  
■ Recording of a voice message to accompany the pre-recorded alarm message sent by PSTN from a remote telephone.  
■ Voice call by PSTN, SMS by GSM or digital transmission (for remote monitoring) for alarms with the possibility of delaying these for up to 30 seconds (to prevent calls in the event of operator error).  
■ Possibility of sending SMS messages when the system is armed/disarmed on both access codes. Remote full arming/disarming in voice mode by pressing "9" on the handset (DTMF codes). |
| PSTN module            | Indoor | +5 to +40 °C          | -             | ■ Sending of synthesised voice alarm messages on the fixed line.                                                                                                                                                                                                                                                                      |
| GSM module             | Indoor | +5 to +40 °C          | -             | ■ Sending of alarm SMSs by GSM.                                                                                                                                                                                                                                                                                                       |

**Index**

- Arming .................................................................................................................. 8, 30 (menu 26), 46
- Automatic arming .................................................................................................. 41
- Automatic devices .................................................................................................. 39
- Batteries .................................................................................................................. 50
- Beeps ...................................................................................................................... 11, 20, 25, 37, 41, 46, 52
- Broadband .............................................................................................................. 21, 23, 26, 33
- Customisation of devices ....................................................................................... 35
- Date ......................................................................................................................... 35
- Delayed triggering .................................................................................................. 9
- Duress code, mute and Duress code + siren ........................................................... 30, 46
- Event log .................................................................................................................. 35, 49
- GSM (module) ........................................................................................................ 5, 6, 21, 23, 24, 27
- Immediate triggering ............................................................................................... 9
- Installer code and user codes ............................................................................... 29, 30, 51
- Lighting .................................................................................................................. 40, 42
- Menu sequence diagram ......................................................................................... 29, 36
- Phone number ........................................................................................................ 31, 32
- Presence simulation with light ............................................................................... 42
- Presence simulation with roller shutters ............................................................... 43
- PSTN (module) ........................................................................................................ 5, 6, 22
- Radio range .............................................................................................................. 7
- Remote access ......................................................................................................... 45, 47
- Roller shutters ....................................................................................................... 40, 43
- SMS ......................................................................................................................... 32, 33
- Storage of additional devices .................................................................................. 11, 38
- Tamper switch ........................................................................................................ 50
- Time ......................................................................................................................... 35
- Welcome message .................................................................................................... 45
- Zones (A, B, C) ....................................................................................................... 8, 9, 47
Due to our commitment to the constant development and improvement of our products, we reserve the right at all times to make any modifications to them which we consider to be of value. Photos and illustrations non-contractual.

SOMFY SAS, registered capital of 20,000,000 euros, Annecy Register of Companies 303.970.230