

CS 8000 TYXAL+



www.deltadore.com



EN Alarm system
User guide

Warnings

We recommend you read this installation guide carefully before any use.

- The battery life specified is for normal use.
- It is advisable to use a touch screen keypad (CLT 8000 TYXAL+) for all configuration operations on the installation.

Glossary

PSTN: Public Switched Telephone Network.
A PSTN telephone transmitter is connected to the telephone line of your home.

GSM: Global System for Mobile communications.
A GSM telephone transmitter is connected to a wireless phone network.

Tamper alarm: the products are protected against being opened or dislodged.
If a burglar tries to open or dislodge one of the products, a message is sent to the alarm control unit which triggers its indoor siren, and the installation's sirens (indoor or outdoor siren, telephone transmitter).
The tamper alarm is permanently activated even if the system is off. It can be deactivated via a CLT 8000 TYXAL+ touch screen keypad.
To open a product, you must switch the system to Maintenance mode.

Discreet emergency alarm: the "discreet emergency alarm" function needs a telephone transmitter.
It can warn the outside of any aggressor by a discreet call.

Emergency alarm with siren: the "emergency alarm with siren" function immediately warns the neighbours by triggering both a phone call via a transmitter as well as the sound of the associated sirens.

Maintenance mode: Maintenance mode is used to perform the activation, maintenance and diagnostic operations. The system must be off to access this mode.
The alarm control unit is switched to maintenance mode by a keypad (touch screen or simple), a remote control or a badge reader.

Add product mode: This mode is used to associate new products with the system. It can only be accessed via the Maintenance mode.

Restricted code: a user code can be of the restricted type, that is to say that it only gives access to the On and Off commands of the zones with which it is associated (e.g. maintenance personnel, delivery, etc.).

Problem beeps: They report that an action is rejected by a series of beeps. You must consult the events on the touch screen keypad (Info menu) to determine the nature of the problem.

Warning beeps: They report that an alarm or automatic operation is imminent through a series of beeps at intervals. After the warning period, the alarm control unit siren can be set off.



: Symbol meaning that the operation described by the guide must be carried out in Maintenance mode.

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1. How does your alarm system work?

1.1 Presentation

The alarm system is used to monitor a home by means of intrusion detectors (infrared, dual technology or door/window magnetic contacts, etc.) and technical defect detectors (smoke, water, mains power failure, etc.)

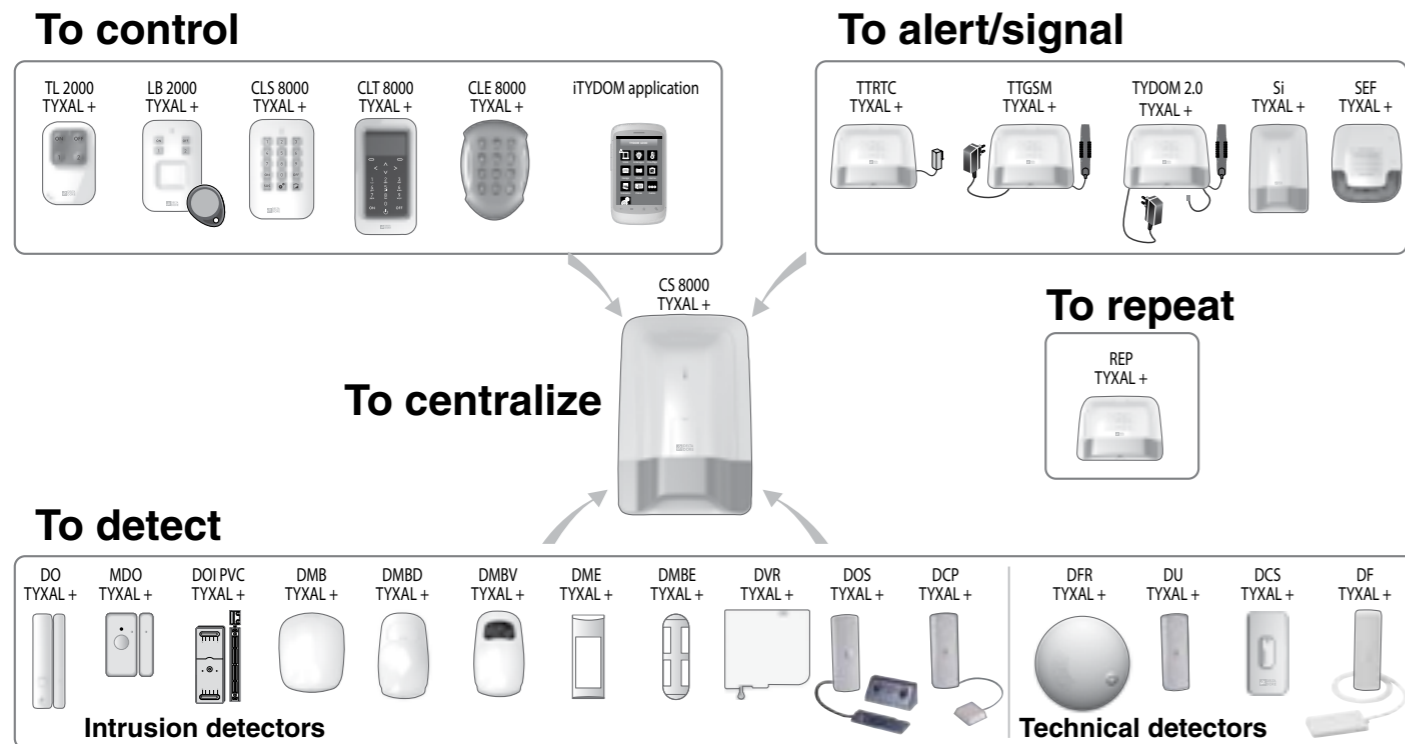
The system is activated or deactivated by means of a remote control, a keypad or badge reader, a telephone transmitter or according to the weekly programming of a touch screen keypad.

The alarm is signalled:

- by the internal siren of the control unit,
- and/or by an associated siren (indoor or outdoor),
- and/or using an associated transmitter, to another telephone or a remote monitoring operator,

The system is fully battery operated. The battery life is 10 years.

Your alarm and home automation system can be controlled remotely (up to 5 control systems, 4 scenarios, 1 heating channel) from a telephone transmitter or the iTYDOM application (see transmitter guide).



1.2 Products of the range

Max. number of products for an installation:

You can install up to 50 products (intrusion and technical detectors, sirens, keypads or remote controls). Some product types are restricted in number: 1 telephone transmitter (TTRTC TYXAL+ , TTGSM or TYDOM 2.0), 4 video motion detectors (DMBV TYXAL+) and 1 repeater (REP TYXAL+).

CLT 8000 TYXAL+ touch screen keypad

Essential complement to the alarm control unit, it is used for all the control actions of the installation.

Wall-mounted, it informs you of the system's status.

With its access code, it enables the system to be activated or deactivated totally or by zone.

It shows the last events occurring, the indoor and outdoor temperature (if an outdoor siren is associated with the control unit) and is used to personalise the system.



CLS 8000 TYXAL+ simple keypad and LB 2000 TYXAL+ badge reader

Wall-mounted, they enable the system to be activated or deactivated totally or by zone.



TL 2000 TYXAL+ 4-button remote control

It enables the system to be activated or deactivated totally or by zone.

Two buttons (1 and 2) can be configured for control of the alarm by zone, the triggering of a discreet or audible emergency alarm or control of control systems (e.g. garage door).



DMB, DMBD, DMBV, DME or DMBE TYXAL+ motion detectors

Wall-mounted, they detect any person moving in the room where they are installed and report this to the alarm control unit.



DO, MDO, DOI PVC, DOS, DCP or DVR TYXAL+ door/window magnetic contacts

When installed on an opening, (door or window), they report any intrusion to the control unit.



DFR, DU, DF or DCS TYXAL+ detectors

They report any technical defect to the alarm control unit: smoke detection, water leaks, mains power failure, etc.



TTRTC, TTGSM TYXAL+ or TYDOM 2.0 telephone transmitters

Associated with the control unit, they trigger a call cycle for any event occurring on the installation.



1. How does your alarm system work?

SEF TYXAL+ outdoor siren

The loud sound of the siren will alert your neighbours in the event of intrusion. It is equipped with flash lighting to make visual location easier. It is designed to be fitted outside your home, on a wall for instance.



Si TYXAL+ indoor siren

The loud sound of the siren will cause the burglar to flee in the event of intrusion.



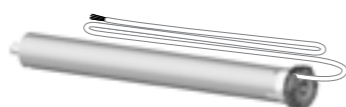
REP TYXAL+ repeater

Used when wireless propagation can be affected (distance, disrupted environment, nature of partitions, etc.), it can repeat the radio signal to remote products.



Roller shutter motor (with obstacle detection)

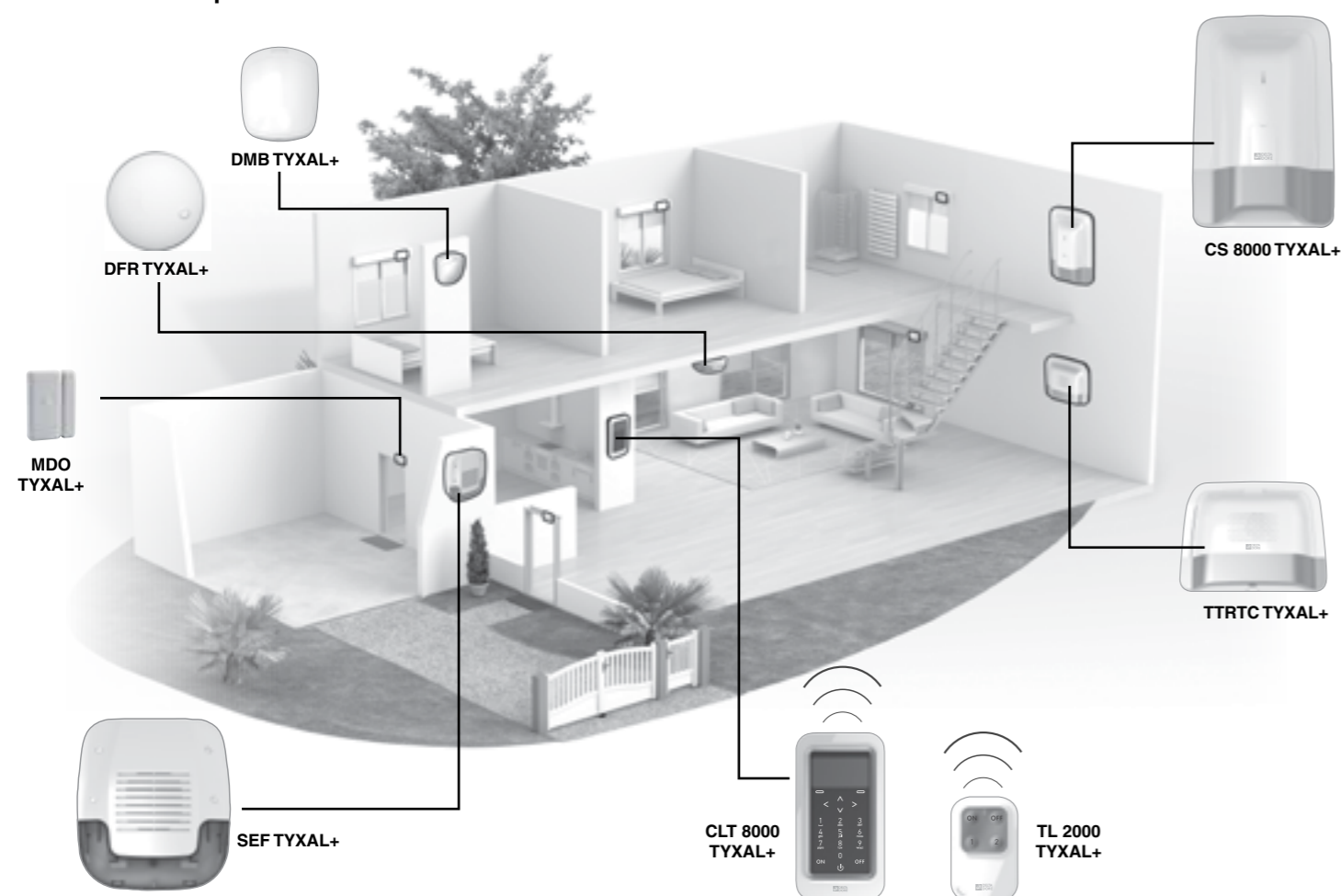
If a break-in is attempted on the shutter, this is reported to the alarm control unit.



TYDOM 4000, TYDOM 1.0 or 2.0, iTYDOM application

This activates or deactivates the system by zone or totally, and is used to view the events occurring on the installation.

Installation example



1.3 Home automation functions

The home automation functions are used to combine the "Alarm" application with the other "Thermal" or "Control system" applications.

Examples

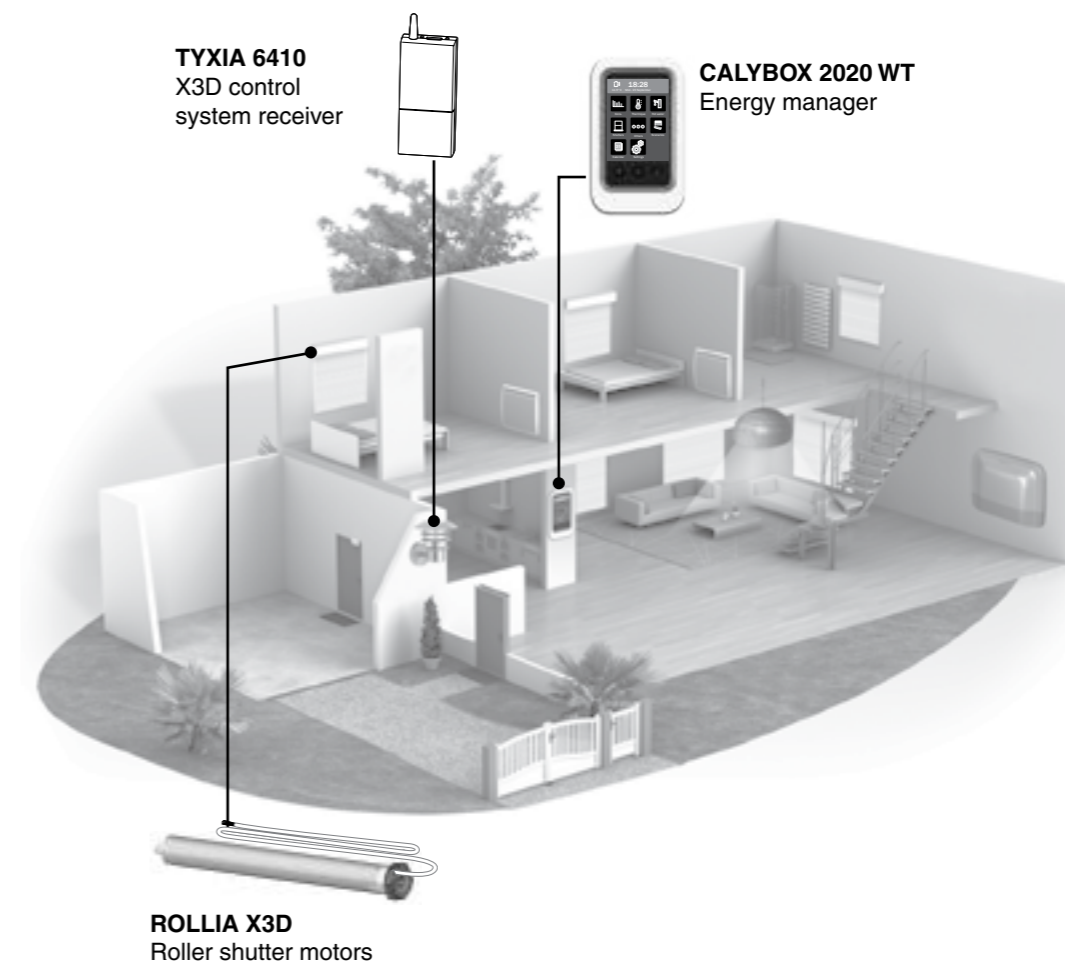
You want to switch off the heating if a window is opened:
The door/window magnetic contacts can be associated, for example, with an energy manager of the CALYBOX 2020 WT, TYBOX 2010 WT or 2020 WT type.

You want to delay the alarms, status of the system or the operations for activating or deactivating the system via an offset lighting:

You can associate a TYXIA 6410 receiver.

You want to control the opening of roller shutters if smoke is detected or you want the roller shutters to close automatically when the alarm system is activated:

You can associate TYXIA 4630 or 4730 roller shutter receivers or a wireless Rollia X3D motor.



1. How does your alarm system work?

1.4 X3D wireless transmission

The X3D wireless transmission used by the alarm enables the system's products to communicate with each other on two frequencies: 868.95 MHz and 868.30 MHz

Two different propagation modes ensure that information sent by the detectors will reach the alarm control unit, whatever the environment.

The wireless range of each product of the system is 200 to 300 metres outside.

The X3D protocol is the language used by the products to communicate between themselves. It ensures secure digital transmission and the compatibility of the system with all products using the X3D protocol.

To eliminate the risks of fraud by copying the radio code, each order to switch the surveillance on and off uses a different encrypted message.

The security of the messages sent by the products is provided by a unique code assigned in the factory for each of the products (more than 1 million possibilities).

Important:

- the radio waves cross the walls but lose power depending on the materials used,
- you must be careful especially when the waves must pass through thick concrete walls or metal structures,
- the wireless range may therefore be reduced to ten or so metres within the home.

1.5 System surveillance

Supervision

To ensure that all the system's products are in working order, the range is permanently monitored.

Each product regularly sends a radio message to the alarm control unit to confirm that it is working correctly.

If the alarm control unit is no longer receiving messages from a product, it triggers a "Monitoring" defect.

As soon as you use a keypad or a remote control, the alarm control unit will signal the problem by a problem beep.

1.6 Tamper alarm

The products of the TYXAL+ alarm range are protected against sabotage attempts (apart from remote controls, MDO, DOI PVC TYXAL+ door/window magnetic contacts and the technical detectors):

- protection against the inopportune opening and removal for the detectors, the keypads, the alarm control unit, the sirens and the telephone transmitters.

- protection against opening for the DU and DCP TYXAL+ .

If a burglar tries to open or dislodge one of the products, a message is sent to the alarm control unit which triggers its indoor siren and warns the installation sirens (indoor or outdoor siren, telephone transmitter).

The tamper alarm is permanently activated even if the system is off.

It can be deactivated via a CLT 8000 TYXAL+ touch screen keypad.

To open the products without triggering the alarm, you must set the alarm control unit to maintenance mode.

1.7 Battery life

The DELTA DORE alarm system is powered by battery.

It is designed to operate for 10 years without needing to be changed.

1.8 Immunity to radio scrambling

The DELTA DORE alarm system has a scrambling signal detection function.

In the event of a scrambling attempt, a message is memorised in the history.

1.9 Access codes

The access codes (6 digits) are recorded in the alarm control unit. You configure the access codes once with the CLT 8000 TYXAL+ touch screen keypad and the other products (keypads or transmitters) recognise these codes automatically. You no longer need to configure the codes on each product.

You have:

- 1 "installer" code (123456 on activation),
- 10 "user" or "restricted" codes.

- The installer code enables all the control and configuration actions for the system. From the installer code, you can create or remove all codes (user and installer).
- The user code enables the control actions and a few configuration actions. It can be changed by the user.
- Restricted code: a user code can be of the restricted type, that is to say that it only gives access to the on and off commands of the zones with which it is associated (e.g. maintenance personnel, delivery, etc.).

1.10 Standard EN 50131

The DELTA DORE alarm system complies with European standard EN 50131 and ensures quality and reliability for you:

- EN50131-1, EN50131-3 Grade 2
- EN50130-5, Environment Class II

1. How does your alarm system work?

1.11 Operation by independent zone

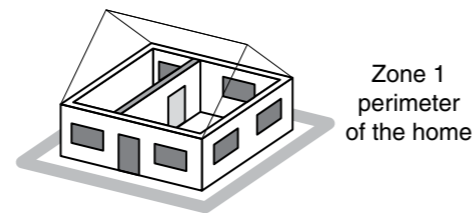
The zones are used to protect part of the home. The management of these zones is fully separate. One or more zones can be on at the same time (e.g. garage and first floor zones on, ground floor zone off).

- Once the installation detectors are associated, you can organise them into operating zones (up to 8 zones).
A zone is only active if at least one detector is assigned to it,
A detector can only belong to one zone,
A detector that is not assigned to a specific zone is located in the zone known as "other zone".
- With the remote control or the badge reader, you can activate zones 1 and 2.
A keypad (CLS 8000 TYXAL+ or CLT 8000 TYXAL+) allows you to control up to 8 zones.
- You can assign a restricted access code to each zone.

• Perimeter protection

Provided by door/window magnetic contacts, it prevents risks of intrusion by the entries (doors, windows). It enables you to protect your home when you are present (example 1: night, example 2: a domestic animal is present). You can assign a zone to perimeter protection.

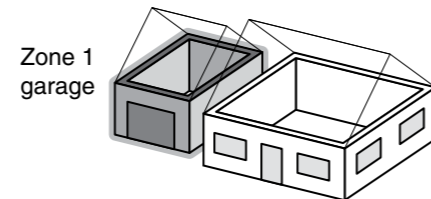
Perimeter protection



• With a separate garage

Set up a zone for the garage.

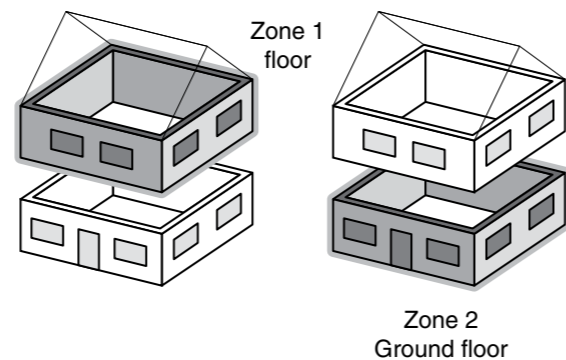
Protection of a separate garage



• For homes with several floors

Set up a zone per floor:
- a basement with a garage and the home upstairs,
- a ground floor used during the day and bedrooms upstairs,
- a home upstairs and a shop below...

Protection of a floor during the day and the ground floor during the night



• Pre-alarm zone

Associated with a detector, the pre-alarm zone is used to dissuade intrusion attempts.

Example: An outside detector reports a presence to the control unit, which triggers a signalling on the outdoor siren (visual and/or audible).

The detectors associated with a pre-alarm zone are automatically switched to immediate triggering.



• Common zone

The common zone is directly dependent on the status of the other zones.

It switches:

- on when all the zones are activated.
- off when at least one zone shuts down.

Example: an office platform.

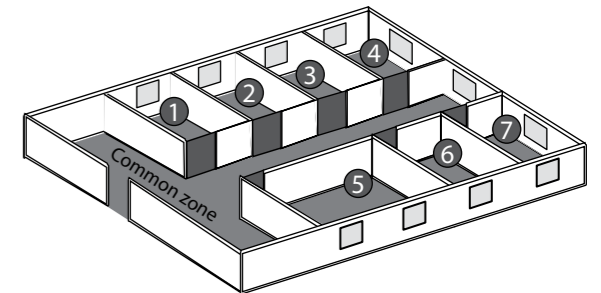
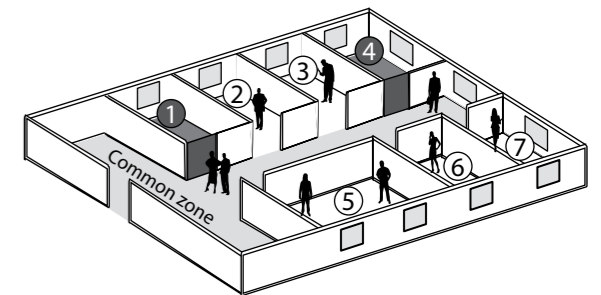
Zones 1 and 4 are activated.

Zones 2, 3, 5, 6, 7 are deactivated.

The common zone is deactivated.

When the office closes, when the last occupant activates their zone, the common zone is automatically activated.

When the office opens, and when the first occupant deactivates their zone, the common zone is automatically deactivated.



• Other zone

A detector that will not be assigned to a specific zone is automatically located in an "Other" zone.

It thus allows you to identify a detector that has not been assigned to a zone.

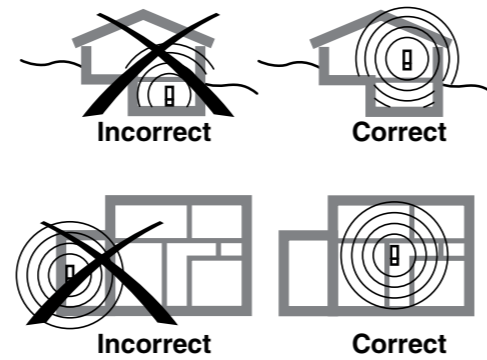
Example: your installation is divided into 2 surveillance zones.

If you assign the initial products to zone 1, the other products are automatically assigned to the "Other" zone. By assigning the products to zone 2, the "Other" zone will disappear.

2. Alarm control unit installation

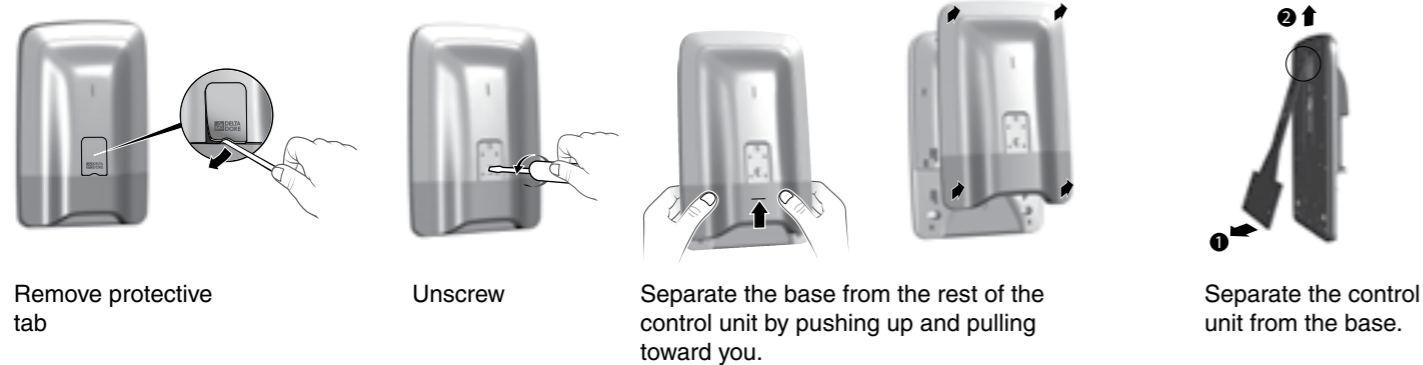
2.1 Alarm control unit location

- On a flat surface, with enough space all around for installation and opening the battery cover.
- In the centre of the system and fitted in a high position to obtain the best radio link (avoid basements).
- In an open area to obtain the best dispersion of sound for the integrated siren.
- In a place difficult to locate by an intruder but easily accessed by the user.
- In an area protected by an infrared motion detector.
- At least 2 metres away from any other wireless transmitter

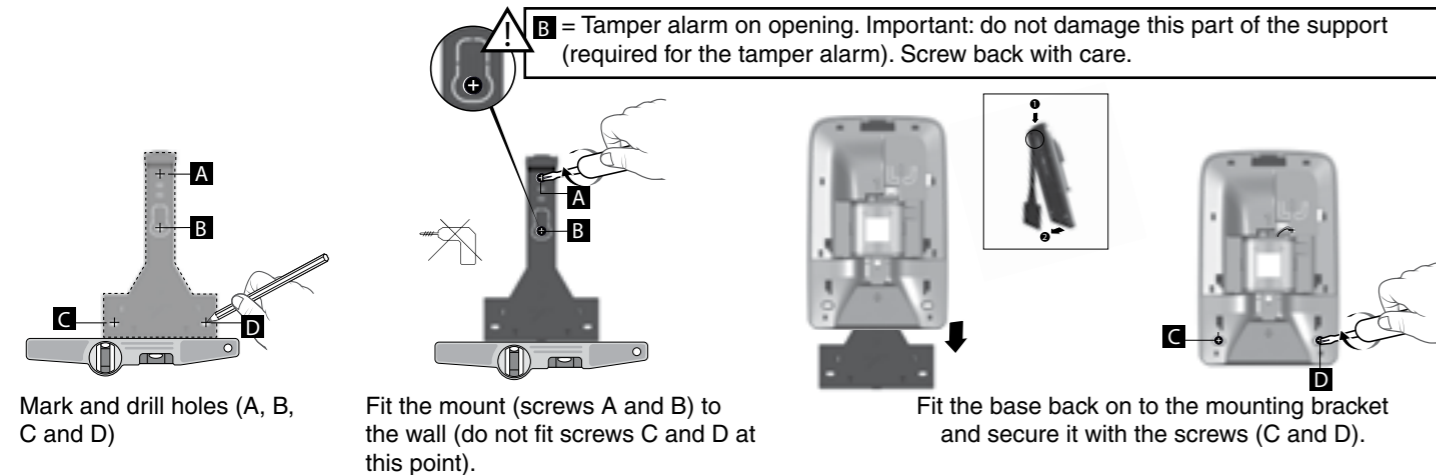


2.2 Mounting

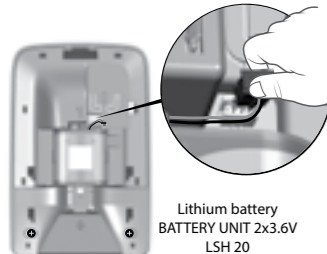
1 Separate the parts



2 Fit the mount to the wall



3 Connect the battery unit



If the control unit is not associated with any product, LEDs A and B flash.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

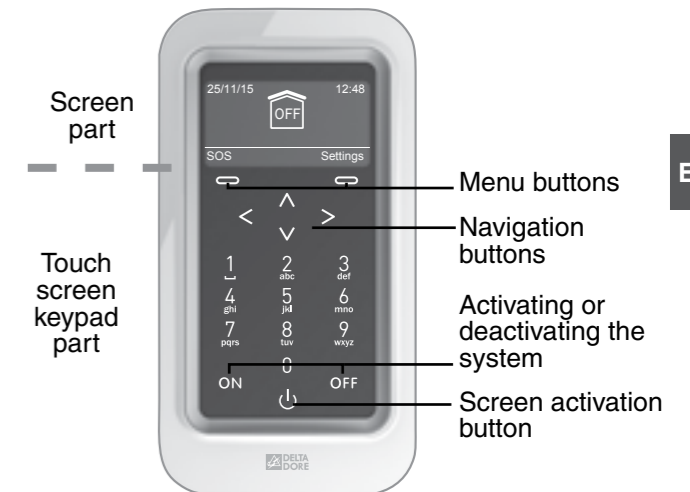
If you do not have a CLT 8000 TYXAL+ touch screen keypad on your installation, refer directly to Chapter 4.

3.1 Activating for the first time

When the system is activated for the first time, the control unit is in "Maintenance mode" and waiting to record the first control device (CLT 8000 TYXAL+ touch screen keypad).

Before any operation, you must "activate" the display by pressing the button.

Important: The screen is not a touch screen. For any operation, press the buttons of the touch screen keypad.



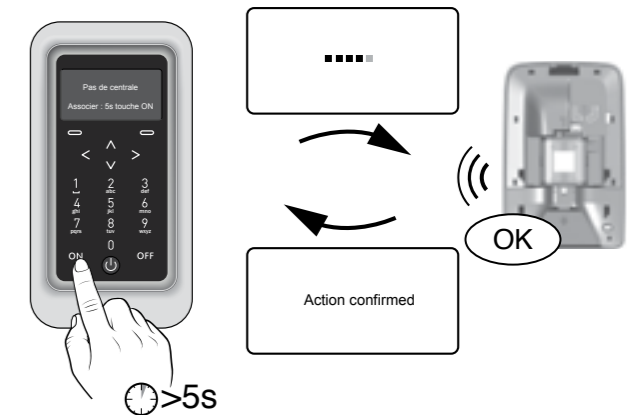
Step 1: Connect the battery unit, observing the right polarity.

Step 2: Select the language

Step 3: Add the CLT 8000 TYXAL+ touch screen keypad to the control unit

- Press the keypad's ON button for 5 seconds.
- The keypad sends the association request to the control unit.
 - The control unit beeps and confirms the association by the "Action confirmed" message.
 - The keypad prompts you to enter the date and time.

Recording the first product switches the control unit to "add product" mode. You can then record other products (see § "Adding products").



Step 4: Close the cover of the alarm control unit.



Closing the control unit will not exit it from maintenance mode.


3. Activation with a CLT 8000 TYXAL+ touch screen keypad

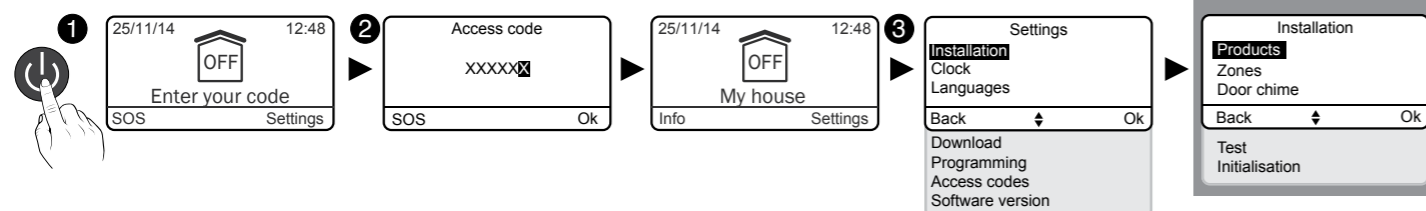
Maintenance mode is used to perform the activation, maintenance and diagnostic operations.

3.2 Maintenance mode

3.2.1 Entering maintenance mode

- Before switching the alarm control unit to maintenance mode, the system must be deactivated (OFF).
- The alarm control unit can only be switched to maintenance mode from a product already associated.
- The switch to maintenance mode automatically and briefly activates the indoor siren of the alarm control unit as well as a transmitter call cycle (required by standard EN-50131).
- It is unnecessary to open the control unit.
- The red LED of the control unit flashes as long as the control unit is in maintenance mode.

- 1 Press the  button to activate the keypad.
- 2 Enter the installer code (123456, by default) and confirm with OK.



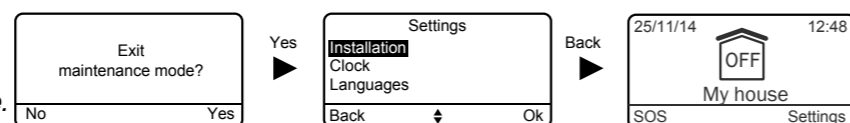
- 3 Press **Settings**, then select the menu:
Installation > Products

3.2.2 Exiting maintenance mode

- The products must be closed (no tamper alarm in progress).
- Automatic exit after 15 min. without any action.

From the "Exit maintenance mode?" screen :

- Press Yes, then Back.
*The home screen is displayed.
The system is no longer in maintenance mode.*

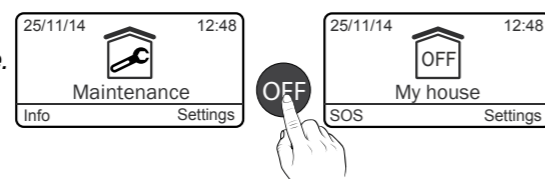


- Press No, then Back.
*The home screen displays that the
maintenance mode is always active.*



From the home screen indicating "Maintenance":

- Press the OFF button.
*The home screen is displayed.
The system is no longer in maintenance mode.*



3.2.3 Simplify the activation

• Deactivation of the maintenance mode signals

The switch to maintenance mode automatically and briefly activates the indoor siren of the alarm control unit as well as a transmitter call cycle.

To prevent repeated signals, when the system is activated, you can momentarily deactivate the Maintenance siren and the Maintenance siren call by referring to the relevant chapters (§ Personalising the installation).

Important: ensure that the Maintenance siren and Maintenance call are reactivated after the activation.

Reminder: to guarantee NF&A2P certification, the maintenance siren and Maintenance call must be activated.

• Nomad CLT 8000 TYXAL+touch screen keypad

The CLT 8000 TYXAL+ touch screen keypad can be used for all activation actions.

Separate it from the wall mount and deactivate the tamper alarm (§ Personalising the installation).

Important: ensure that the tamper alarm is reactivated after the activation.

Reminder: to guarantee NF&A2P certification, the tamper alarm must be activated.



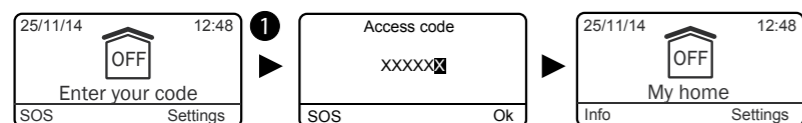
3. Activation with a CLT 8000 TYXAL+ touch screen keypad

- The alarm control unit must be in maintenance mode.
- The alarm control unit must have at least one touch screen keypad associated.
- To associate the products with the system, they must be in their definitive location (EN 50131).

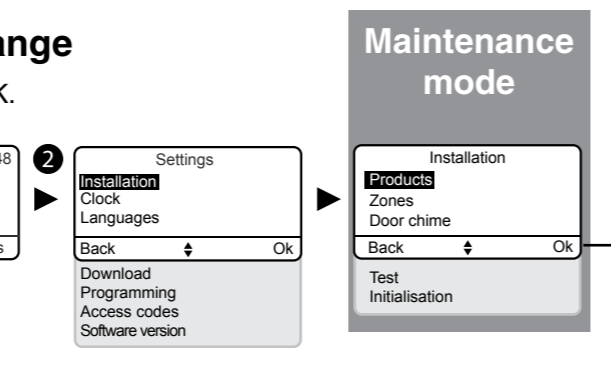
3.3 Adding products

3.3.1 Associating a product of the alarm range

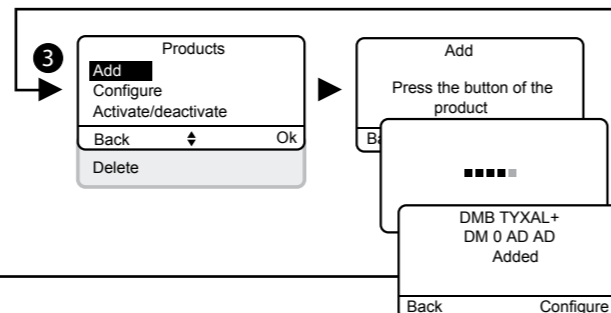
- Enter the installer code (123456, by default) and confirm with OK.









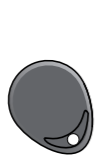
- Press **Settings**, select the menu: **Installation > Products**, then confirm with OK. The alarm control unit's red LED switches on.


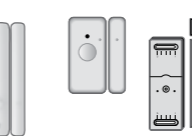










- Select "Add", then confirm with OK.



- Confirm the product or products to be associated:

TL 2000 TYXAL+ remote control		
CLS 8000 TYXAL+ simple keypad		Press the ON button for 5 seconds. The LED changes from red to green to confirm the action. The alarm control unit emits a beep.
LB 2000 TYXAL+ badge reader		
CLE 8000 TYXAL+ outdoor keypad		Press and hold the A button for 5 seconds. The outdoor keypad emits a beep when pressed, then a 2nd beep after 5 seconds. The alarm control unit emits a beep.
CLT 8000 TYXAL+ touch screen keypad		Press  to activate the display, then 5 seconds on ON when the screen displays: "No control unit associated". The alarm control unit emits a beep. The CLT screen displays: Action confirmed, then "Download".
Badge		The badge reader must be associated with the alarm control unit. Press the ON and 1 buttons of the reader simultaneously for 5 seconds. The red LED will come on. Place the badge on the reader before 5 seconds. The green LED comes on to confirm the action. The alarm control unit emits a beep.

TTRTC TYXAL+, TTGSM, TYDOM 2.0 telephone transmitter		Briefly press the outer button (T1) of the transmitter. The transmitter beeps once when the button is pressed, then beeps again to confirm the association. The alarm control unit emits a beep.
DO, MDO, DOI PVC TYXAL+ intrusion detectors		
Motion detectors DMB, DMBD, DMBV, DME, DMBE TYXAL+		Briefly press the product button. The LED flashes when the button is pressed, then flashes again to confirm the association. The alarm control unit emits a beep.
DCS TYXAL+ technical detector		
SEF TYXAL+ outdoor siren		
Si TYXAL+ siren		Briefly press button 1 on the siren. The LED changes from red to green to confirm the action. The alarm control unit emits a beep.
DOS, DCP, DVR TYXAL+ intrusion detectors		Briefly press the product button. The transmitter beeps. The alarm control unit emits a beep.
DU, DF, DFR TYXAL+ technical detectors		Briefly press the product button. It emits a beep. The alarm control unit emits a beep.
REP TYXAL+ repeater		To associate a repeater (refer to the "Associating a repeater" chapter).
Roller shutter motor (intrusion mode)		You must associate the alarm control unit with the motor (refer to the "Associating a motor" chapter), then associate the intruder mode of the motor with the alarm control unit (see motor guide).
For any other product of the thermal or control systems ranges, refer to their guide.		

- The alarm control unit beeps to confirm the association. The identifier of the associated product is displayed on the screen (e.g. DMB TYXAL+)

If the alarm control unit emits a series of beeps, refer to the "Troubleshooting" chapter.

- You can personalise the product (name, immediate/delayed triggering, etc.) by referring to the "Personalising your product" chapter.

3.3.2 Exiting the "Add product" mode

You can exit the "Add product" mode by pressing the **Back** button several times.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.4 Access codes (Create - Change - Delete)

3.4.1 General

The access codes (6 digits) are recorded in the alarm control unit. You configure the access codes once with the CLT 8000 TYXAL+ touch screen keypad and the other products (keypads or transmitters) recognise these codes automatically. You do not need to configure the codes on each product.

You have:

- 1 "installer" code (123456 on activation). It is strongly recommended that you create your own code.
- 10 "user" or "restricted" codes,

- The installer code enables all the control and configuration actions for the system. From the installer code, you can create or remove all codes (user and installer). It can shut down the system only if the system was activated by an installer code.
- The user code enables the control actions and a few configuration actions. There are 2 access levels "Simple" and "Advanced" (see table below). The "Simple" user code complies with the requirements of standard EN 50131.
- Restricted code: a user code can be of the restricted type, that is to say that it only gives access to the ON and OFF commands of the zones with which it is associated (e.g. maintenance personnel, delivery, etc.).
- Zones must have previously been created to create restricted codes.
- With the "Delete all" menu, all the "user" codes are deleted and the "installer" code is set to its default value (123456).
- To modify a "user" code from the installer code, you must first delete, then recreate it.

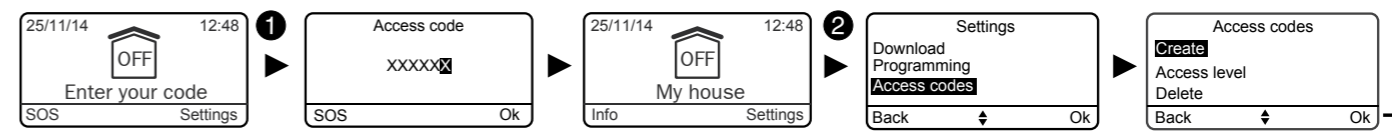
If you have a touch screen keypad (e.g. CLT 8000 TYXAL+) on your installation, it is recommended that you use it for any change to or creation of access codes.

Wrong code entered: The keypad is locked for 90 seconds after five attempts to enter the wrong code. If there are many attempts to enter a wrong code (21 maximum), an alarm cycle will be triggered.

Possible actions	Simple user code	Advanced user code
Language selection	X	X
Clock setting (date, time, etc.)	X	X
Download	X	X
Programming		X
Changing/naming a user access code	X	X
Activating/Deactivating a product	X	X
Naming a product	X	X
Changing sound levels		X
Setting the brightness of the CLT8000 screen	X	X
Setting the brightness of the CLT8000 buttons	X	X
Activating/deactivating the beeps of the CLT8000 buttons	X	X
Naming the zones	X	X
Programming the call numbers		X
Incoming calls (dual call/number of rings)	X	X
SMS alert to relatives	X	X
SIM card (PIN/PUK codes)		X
Activating/deactivating the auto attendant (transmitter)	X	X

3.4.2 Creating or changing a code from the installer code

- Enter the installer code (123456, by default) and confirm with OK.
- Press **Settings**, select the menu: **Access code**, then confirm with OK.



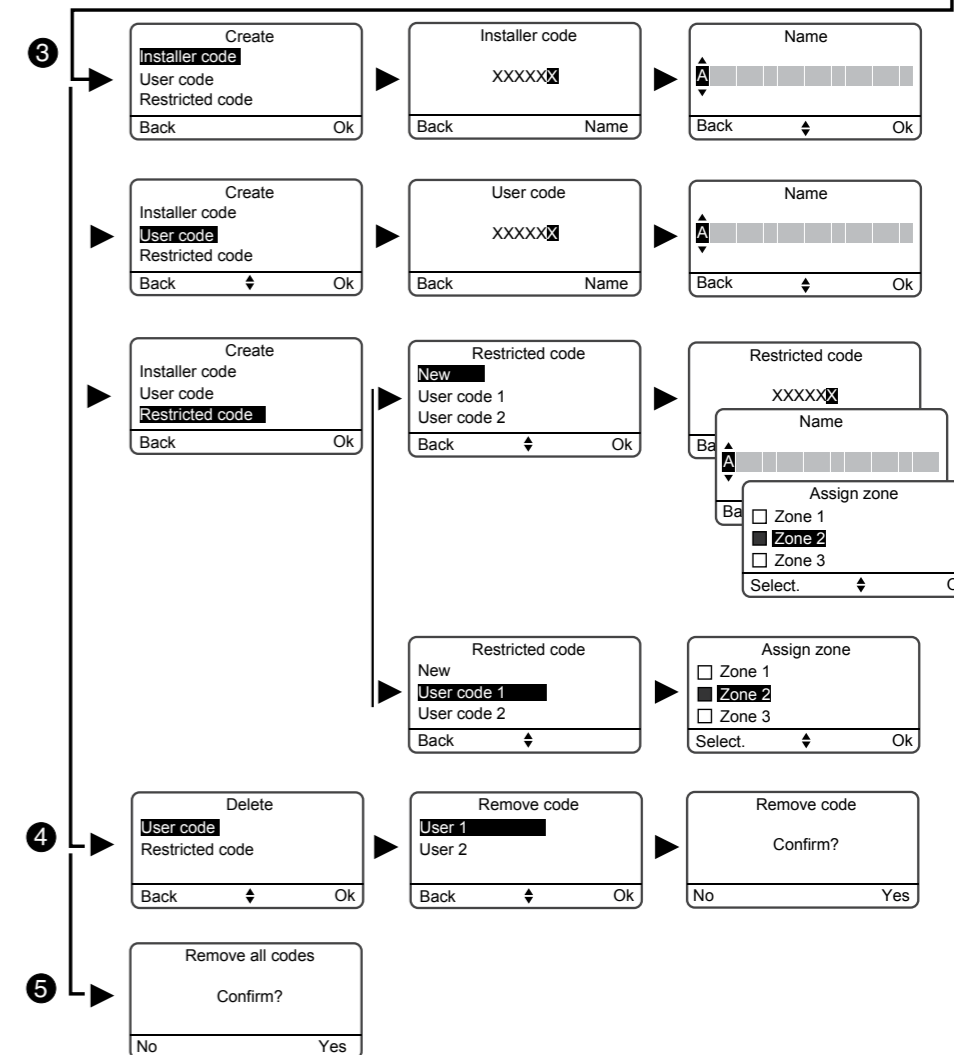
- To create a code, select the menu: **Create > ...**, then confirm with OK.

- **Installer code:** enter the installer code and name it, then confirm with OK.

- **User code:** enter the user code and name it, then confirm with OK.

- **Restricted code:** select an existing user code or create a new code (by naming it), then assign it to one (or more) zone or zones, then confirm with OK.

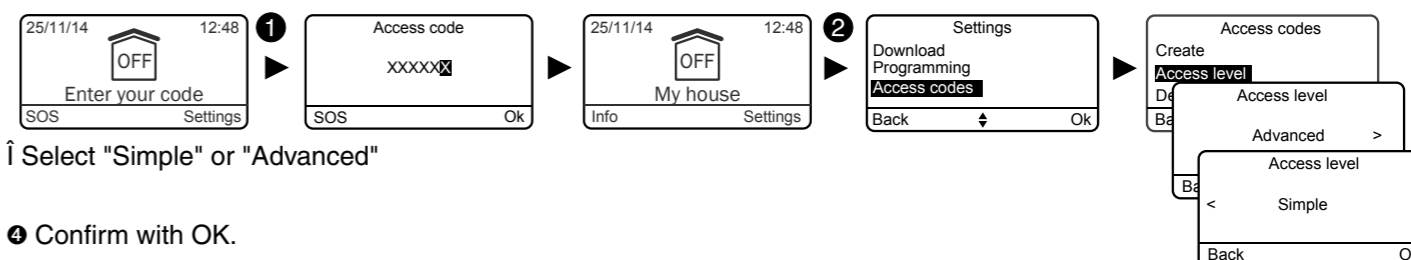
- To delete one code or all codes (5), select the menu **"Delete"** or **"Delete all"**, then confirm with Yes.



3.4.3 User code access levels

There are 2 access levels: "Simple" and "Advanced". The "Advanced" level gives the user more settings (see table opposite).

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: Access code > Access level, then confirm with OK.

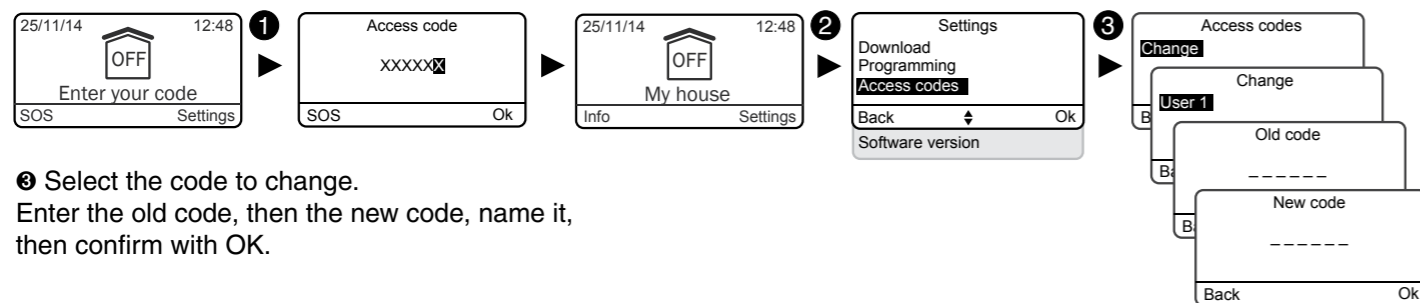


- Confirm with OK.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.4.4 Changing a user code from the user code

- 1 Enter the user code and confirm with OK.
- 2 Press Settings, select the menu: **Access code > Change**, then confirm with OK.

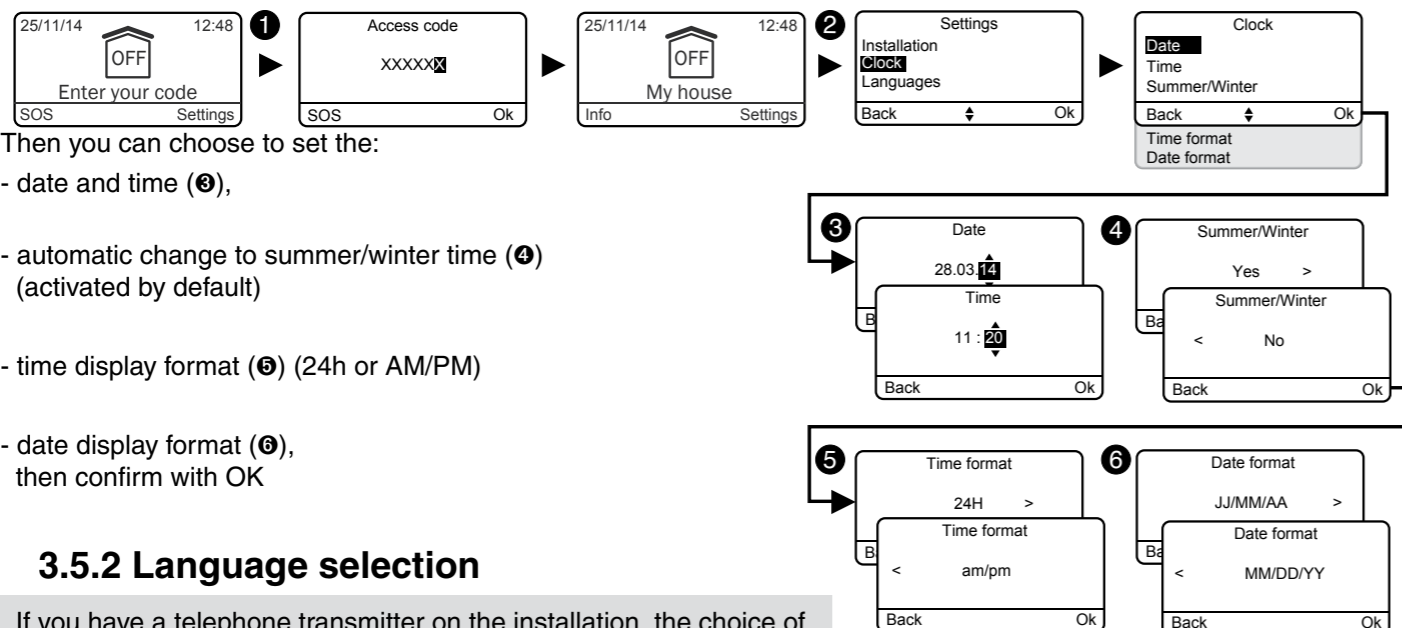


- 3 Select the code to change. Enter the old code, then the new code, name it, then confirm with OK.

3.5 Personalising the installation

3.5.1 Setting the clock

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Clock**, and confirm with OK.



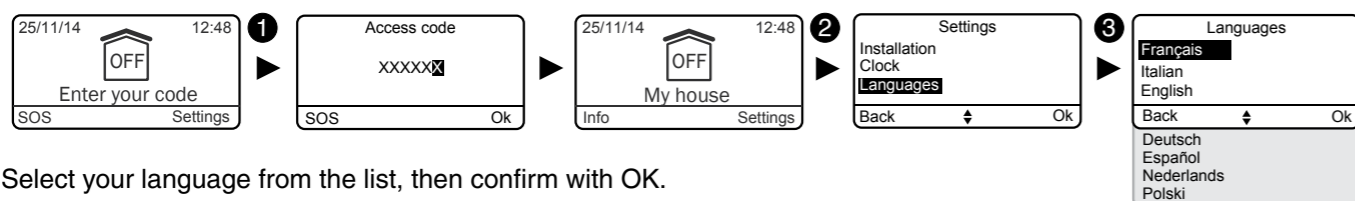
Then you can choose to set the:

- date and time (1),
- automatic change to summer/winter time (2) (activated by default)
- time display format (3) (24h or AM/PM)
- date display format (4), then confirm with OK

3.5.2 Language selection

If you have a telephone transmitter on the installation, the choice of language is directly applied in the transmitter.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Languages**, and confirm with OK.

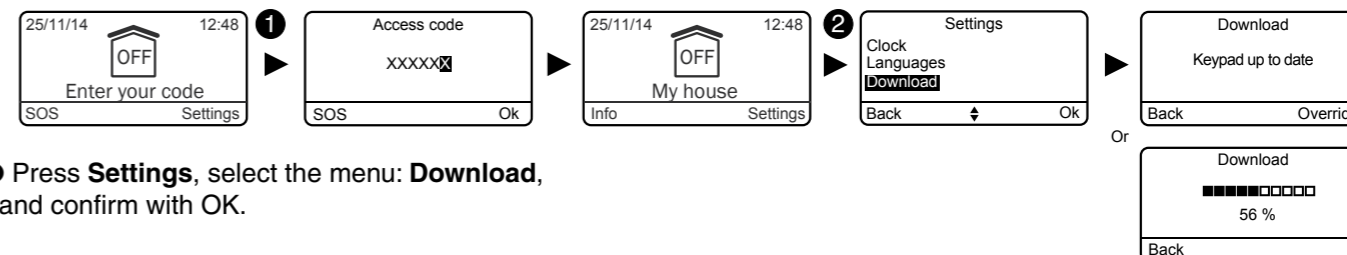


- 3 Select your language from the list, then confirm with OK.

3.5.3 Download

The keypad is updated automatically. This menu allows you to force a download to update the touch screen keypad instantly with the information stored by the control unit (for example, following a series of changes to the installation).

- 1 Enter the installer code (123456, by default) and confirm with OK.

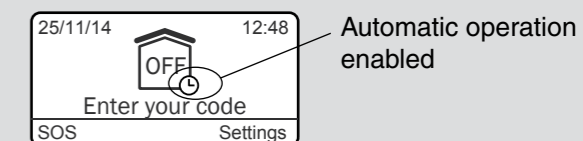


- 2 Press **Settings**, select the menu: **Download**, and confirm with OK.

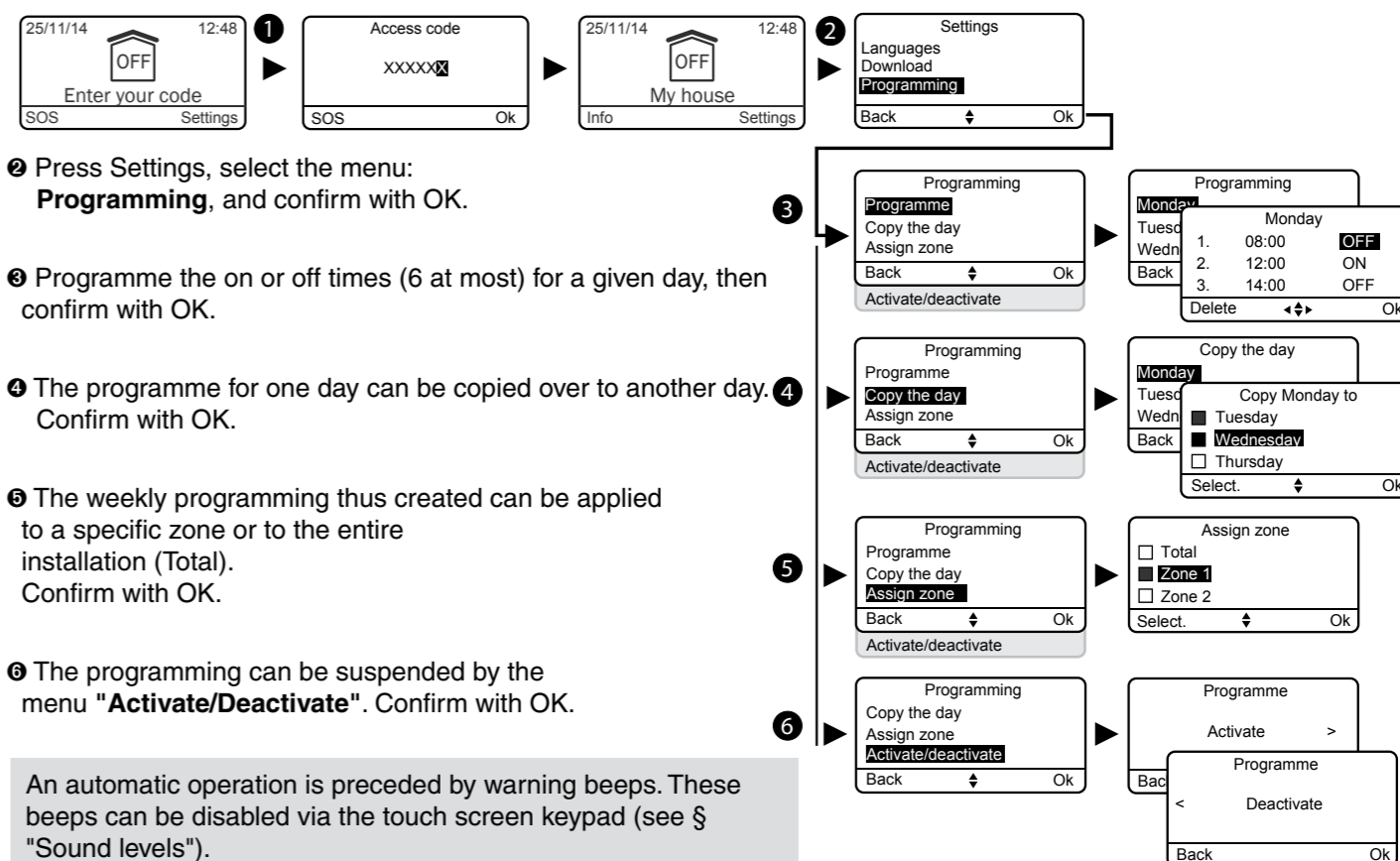
3.5.4 Weekly programming

The programming can automate the operations for activate/deactivate your system. Examples:

- You can protect your ground floor each night. Programme the automatic operation time.
- In a company, you want to deactivate the system automatically each morning before the arrival of the personnel and activate it automatically each evening after work.



- 1 Enter the installer code (123456, by default) and confirm with OK.



- 2 Press Settings, select the menu: **Programming**, and confirm with OK.
- 3 Programme the on or off times (6 at most) for a given day, then confirm with OK.
- 4 The programme for one day can be copied over to another day. Confirm with OK.
- 5 The weekly programming thus created can be applied to a specific zone or to the entire installation (Total). Confirm with OK.
- 6 The programming can be suspended by the menu "**Activate/Deactivate**". Confirm with OK.

An automatic operation is preceded by warning beeps. These beeps can be disabled via the touch screen keypad (see § "Sound levels"). Likewise, if you have a telephone transmitter on your installation, the auto attendant will report the automatic operation. You can deactivate this auto attendant (refer to § "Auto attendant").

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

The following table shows the product functions that can be personalised by the touch screen keypad (menu: **Installation > Products > Configure**).

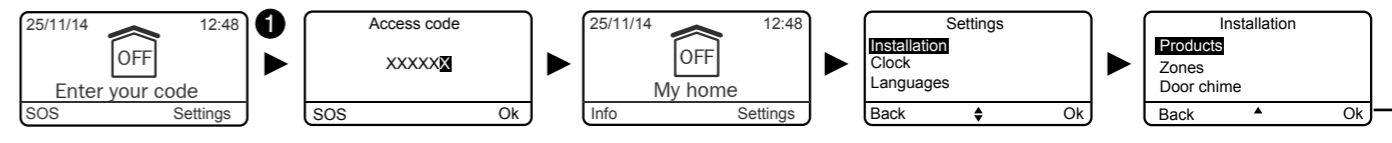
	Alarm control unit	Touch screen keypad	Simple keypad	Exterior keypad	Badge reader	RFID badge	Remote control	Door/window magnetic contact detectors	Motion detectors	Indoor siren	Outdoor siren	PSTN transmitter	GSM transmitter	IP transmitter (TYDOM 2.0)	Detectors detectors	Repeater
Name the products	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Activate/deactivate tamper alarm	✓	✓	✓		✓			only DO TYXAL+	✓	✓	✓	✓	✓	✓		✓
Immediate/delayed triggering							✓	✓								
Screen brightness		✓														
Button lighting		✓														
Button beeps		✓														
Display of system status		✓														
Siren sound levels	✓									✓	✓					
Warning beep sound levels	✓									✓	✓					
Maintenance siren	✓															
ON/OFF confirmation	✓									✓	✓					
Entry timer	✓															
Exit timer:	✓															
Last exit to be used	✓															
Call numbers												✓	✓			
Remote monitoring												✓	✓			
Maintenance calls												✓	✓			
Incoming calls												✓				
SIM card													✓			
SMS alert to relatives (1)						✓	✓						✓			
Voice/SMS distribution option (2)													✓			
Auto attendant												✓	✓			

(1): Example: a child comes home and deactivates the system via the remote control or badge reader, the GSM telephone transmitter sends an SMS to the parents.

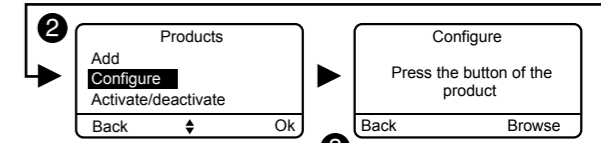
(2): With a GSM telephone transmitter, you can select the call numbers that will receive a warning by SMS if an event occurs.

3.5.5 Naming the products

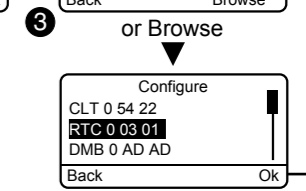
1 Enter the installer code (123456, by default) and confirm with OK.



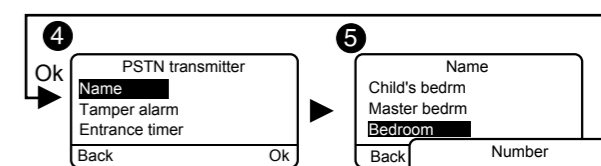
2 Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.



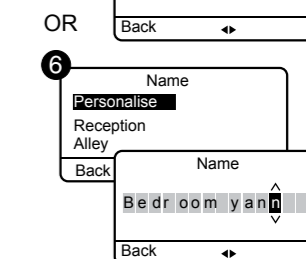
3 Press the button of the product to rename or select it from the list of products by clicking on **"Browse"** (see table below), then confirm with OK.



4 Once the product is identified, select the **"Name"** menu, then confirm with OK.



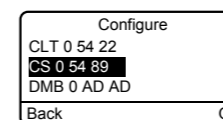
5 You can choose a name from the list (recommended), then a number (optional) or personalise (6) the product name by entering a new name. Confirm with OK.



- For naming the products, we recommend you use one of the labels proposed in the list (reception, alley, etc.).
- If you have a telephone transmitter on your installation, it will display the selected label.
- You can rapidly access the pre-recorded name by entering the first letters.

List of possible products:

CS: Control unit
 CLT: Touch screen keypad
 CLS: Simple keypad
 CLE: Exterior keypad
 LB: Badge reader
 Ba: RFID badge
 TL: Remote control
 DMB: Motion detector
 DME: Outdoor motion detector or outdoor gate
 DMD: Dual technology motion detector
 DMV: Video motion detector
 DO: Door/window magnetic contact
 MDO: Door/window magnetic micro-contact
 DOI: Integrated door/window magnetic contact
 DVR: Roller shutter detector
 DCP: Piezoelectric impact detector
 DFR: Wireless smoke detector
 DU: Universal detector (DU, DOS)
 DF: Leak detector
 DCS: Mains power failure detector
 PSTN: PSTN transmitter
 GSM: GSM transmitter
 IP: IP transmitter
 SI: Indoor siren
 SEF: Outdoor siren
 REP: Repeater
 Ro: Rollia motor



Pre-recorded names:

Canopy	Summer kitchen	Gate
Reception	Clearance	Door
Alley	Outbuilding	French window
Flat	Depot	Ground floor
Scullery	Management	Reception
Workshop	Walk-in closet	Storeroom
Bay window	Entrance	Room
Bathtub, shower	Staircase	Dining room
Balcony	Floor	Waiting room
Bar	Window	Gaming room
Library	Garage	Break room
Utility room	Attic	Meeting room
Office	Hall	Sports hall
Practice	Warehouse	Trade show
Basement	Emergency exit	Secretary's office
Cellar	Garden	Lounge
Bedroom	Room	Showroom
Child's bedroom	Equipment room	Company
Master bedroom	Shop	Basement
Work site	House	Spa
Boiler room	Mezzanine	Terrace
Attic	Landing	Conservatory
Municipality	Car park	Changing room
Corridor	Patio	Shop window
Yard	Pool	WC
Kitchen	Cupboard	
	Porch	

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

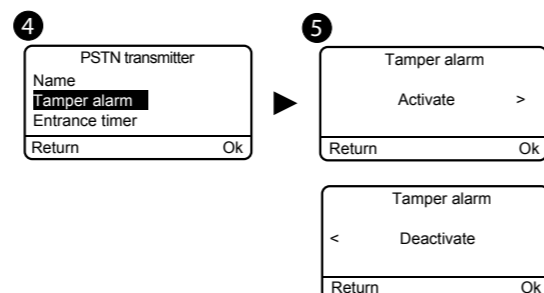
3.5.6 Activate/deactivate tamper alarm

Reminder: To guarantee NF&A2P certification, the tamper alarm must be activated.

This menu is used to disable the tamper alarm temporarily on a product in the system if a problem occurs.

Any tamper alarm fault on this product will no longer be reported.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Press the button of the product to change or select it from the list of products by clicking on "**Browse**", then confirm with OK.
- 4 Once the product is identified, select the "**Tamper alarm**" menu, then confirm with OK.
- 5 Select "**Activate**" or "**Deactivate**", then confirm with OK.



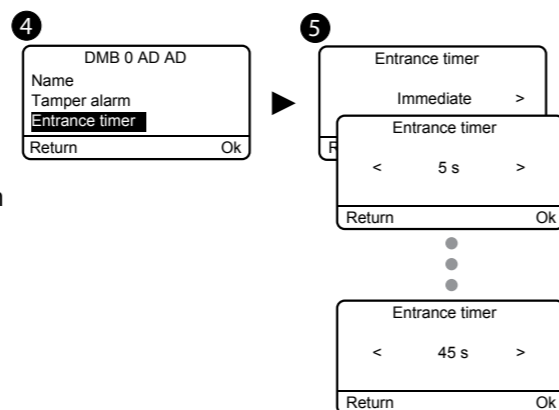
3.5.7 Entry timer on intrusion detectors (immediate/delayed triggering)

Immediate: if a presence is detected, the alarm is immediately triggered.

Delayed: if a presence is detected, the alarm is triggered after a delay (set from 5 to 45 seconds) to give the user time to deactivate the alarm, after entering the building (e.g. activation or deactivation with a wall-mounted touch screen keypad).

During this time, the alarm control unit emits warning beeps.

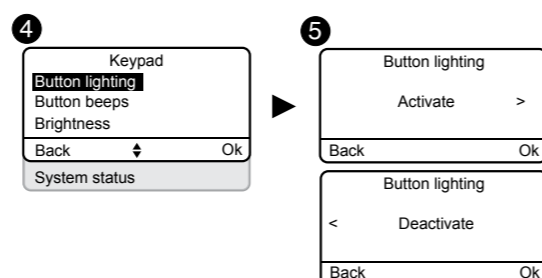
- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Press the button of the product to change or select it from the list of products by clicking on "**Browse**", then confirm with OK.
- 4 Once the product is identified, select the "**Entry timer**" menu, then confirm with OK.
- 5 Select the type of triggering: immediate or delayed (5 to 45 seconds), then confirm with OK.



3.5.8 Button lighting

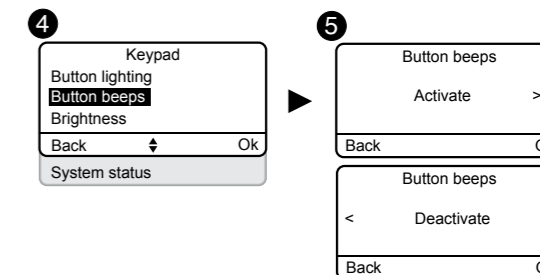
The **Button lighting**, **Button beeps**, **Screen brightness** and **Button sensitivity** settings only apply to the touch screen keypad you use for these settings.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Select the touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- 4 Select the "**Button lighting**" menu, select "**Activate**" or "**Deactivate**" (Ⓜ), then confirm with OK.



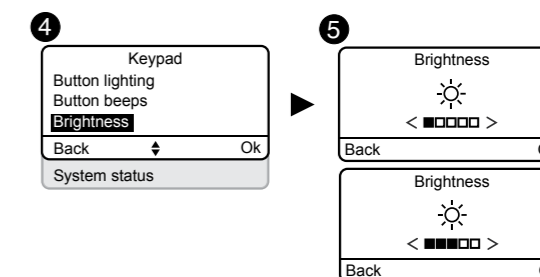
3.5.9 Button beeps

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Select the touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- 4 Select the "**Button beeps**" menu, select "**Activate**" or "**Deactivate**" (Ⓜ), then confirm with OK.



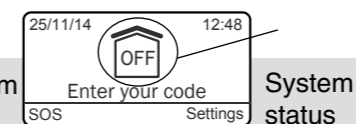
3.5.10 Screen brightness

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Select the touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- 4 Select the "**Brightness**" menu, set the value using the < and > arrows (Ⓜ), then confirm with OK.

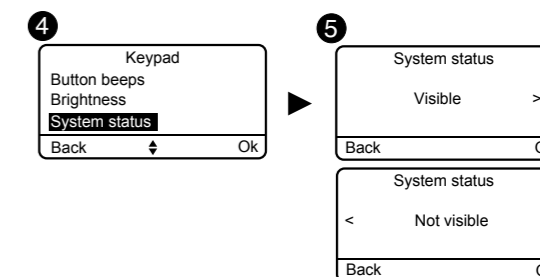


3.5.11 System status

To display or not display the system status on the home screen (before entering the access code).



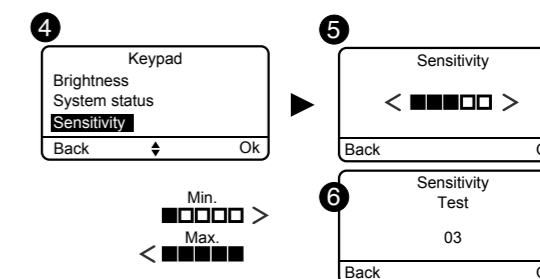
- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Select the touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- 4 Select the "**System status**" menu, select "**Visible**" or "**Not visible**" (Ⓜ), then confirm with OK.



3.5.12 Button sensitivity

This menu is used to set the sensitivity of the touch screen keypad buttons. If the keypad has difficulty in detecting touch operations, increase the sensitivity. If the keypad is too sensitive, decrease the sensitivity.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, select the menu:
Installation > Products > Configure, then confirm with OK.
- 3 Select the touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- 4 Select the "**Sensitivity**" menu, set the value using the < and > arrows (Ⓜ), then confirm with OK.
- 5 Test the buttons by pressing them and confirm with OK if the setting is suitable to you.

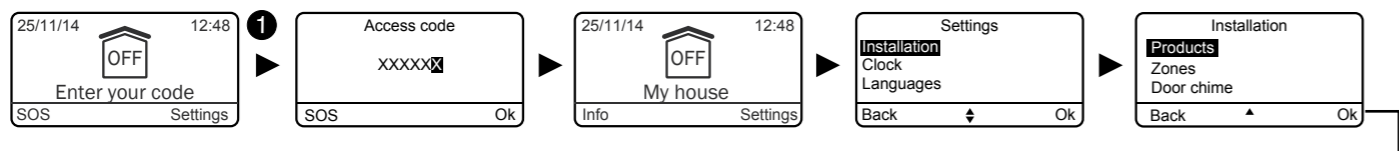


3. Activation with a CLT 8000 TYXAL+ touch screen keypad

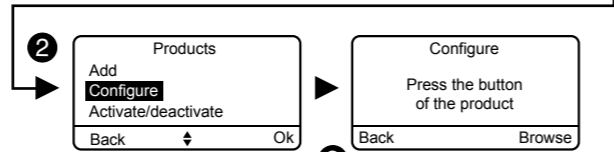
3.5.13 Sound levels

Setting the sound levels applied to the CS 8000 TYXAL+ alarm control unit and the outdoor and indoor sirens (SEF TYXAL+ , Si TYXAL+).

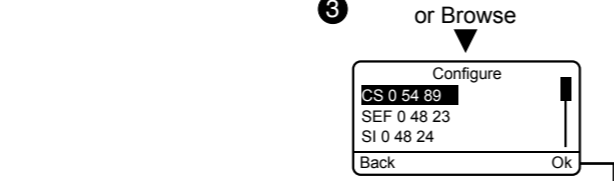
- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.



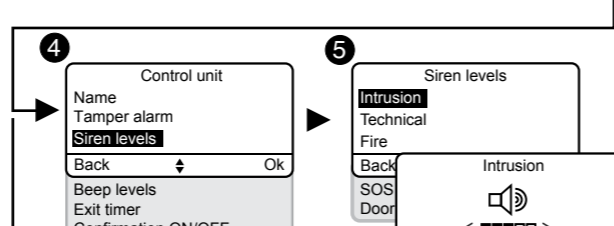
- 3 Select the product to change from the list of products by clicking on **"Browse"**, then confirm with OK.



- 4 To set the sound level of the sirens, select the **"Siren levels"** menu, then select the type of signal to set (⊖):
 - Intrusion, Technical, Fire, emergency alarm with siren or door chime (siren alarm control unit and indoor siren).
 - Intrusion, Pre-alarm, Fire, emergency alarm with siren (outdoor siren).
 Confirm with OK.

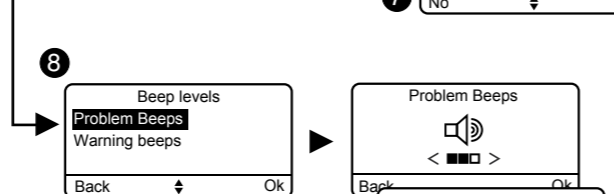


- 6 Set the sound level with the < and > buttons, then confirm with OK.



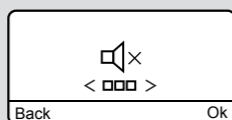
- 7 You can test the sound setting by confirming with Yes. *The siren is briefly set off.*

- 8 To set the sound level of the problem and warning beeps (except outdoor siren), select the beep type, set the sound level, then confirm with OK.



Attention: resetting the intrusion sound level of a siren stops the siren from sounding in the event of:

- intrusion,
- tamper alarm.

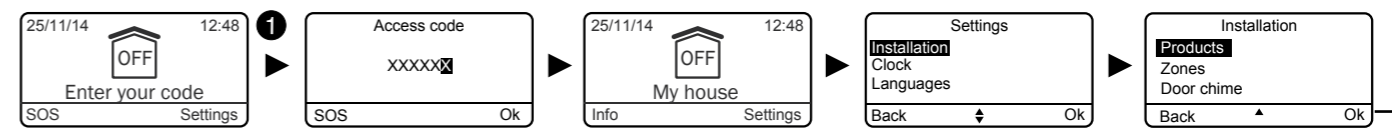


- 9 You can test the sound setting by confirming with Yes. *The control unit emits beeps briefly.*

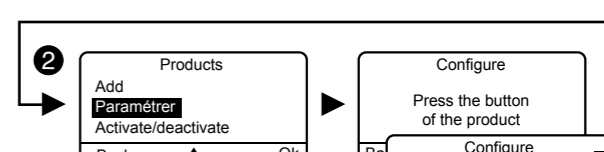
3.5.14 Exit time for the installation

This is the time between activating the system (ON) and the time when the intrusion detectors are genuinely enabled. The time can be set from 0 to 90 seconds, enabling the person to exit the monitored zone without triggering the alarm (set to 90 seconds when first activated). The exit timer is global for the system and stored by the alarm control unit (no setting for each detector).

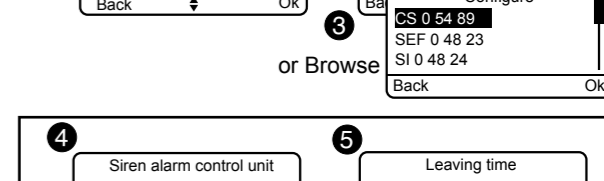
- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press **Settings**, then select the menu: **Installation > Products > Configure**, then confirm with OK.



- 3 Select the alarm control unit from the list of products by clicking on **"Browse"**, then confirm with OK.



- 4 Select the **"Exit timer"** menu, set the time required (⊖), then confirm with OK.



3.5.15 Last exit to be used

This function allows you to select an entry that, even when open, will not prevent the system's activation (e.g. you leave the home and always activate the alarm with the entrance door open). You can only declare one door/window magnetic contact for this "last exit to be used" function. In this case, the exit timer must not be set to 0.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.

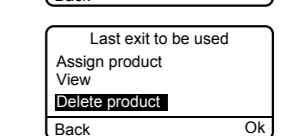
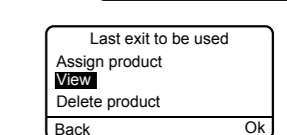
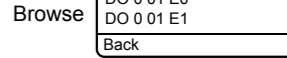
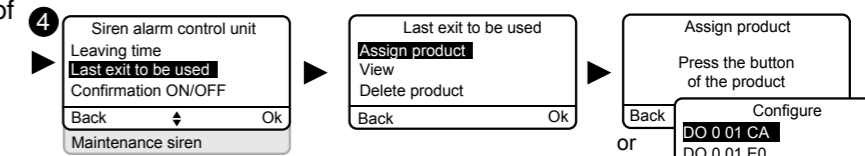
- 3 Select the alarm control unit from the list of products by clicking on **"Browse"**, then confirm with OK.
- 4 Select the menu **"Last exit to be used"**, then confirm with OK.

Then you can:

- **Assign a product** to the "Last exit to be used" function by pressing its button or selecting it from the suggested list,

- **View** the product already assigned to the function,
- **Delete** the association of product with the function.

- 6 Confirm with OK.

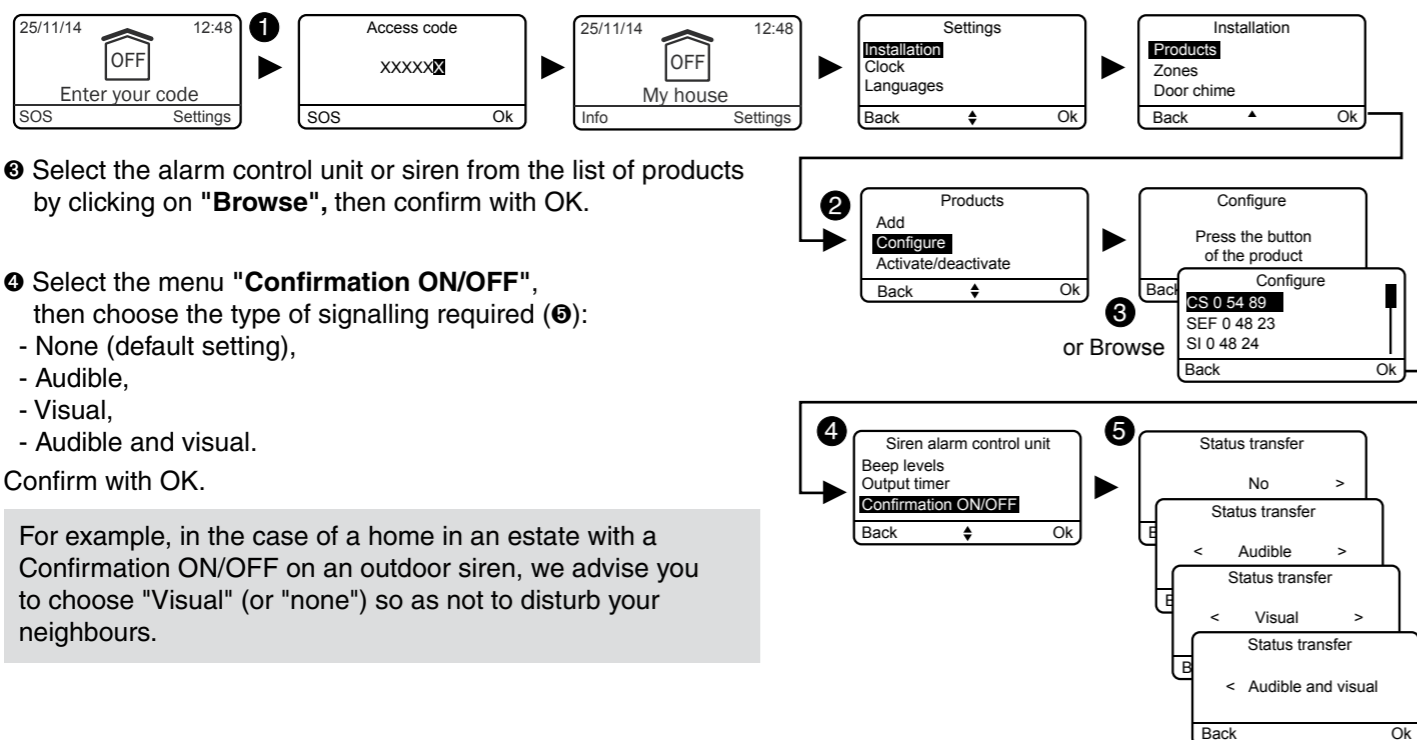


3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.5.16 Confirmation ON/OFF

The Confirmation ON/OFF function is used to defer activations or deactivations of the system for a short time. The signalling can be audible or visual with a CS 8000 TYXAL+ siren control unit, a Si TYXAL+ indoor siren or a SEF TYXAL+ outdoor siren.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.



- Select the alarm control unit or siren from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Confirmation ON/OFF"**, then choose the type of signalling required (ⓐ):
 - None (default setting),
 - Audible,
 - Visual,
 - Audible and visual.

Confirm with OK.

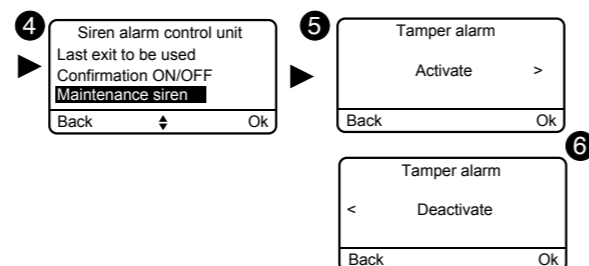
For example, in the case of a home in an estate with a Confirmation ON/OFF on an outdoor siren, we advise you to choose "Visual" (or "none") so as not to disturb your neighbours.

3.5.17 Maintenance siren

When switching to Maintenance mode, the alarm control unit emits a short siren. This menu allows you to disable the siren (which will be replaced by a beep), for example during activation, to prevent the siren from being set off at undesired times. It is important to reactivate the Maintenance siren after the activation.

Reminder: To guarantee NF&A2P certification, the maintenance siren must be activated.

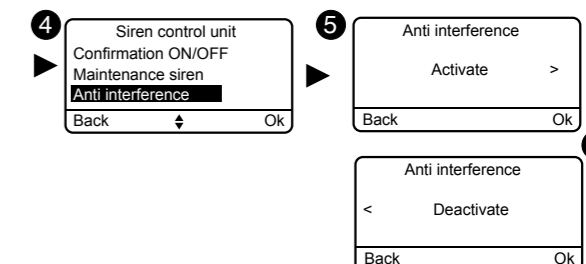
- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Select the alarm control unit from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Maintenance siren"** and confirm with OK.
- Select **"Activate"** or **"Deactivate"**, then confirm with OK (ⓐ).



3.5.18 Anti-jamming

The anti-jamming function is used to trigger an intruder alarm cycle if there is any wireless jamming attempt on the installation (siren activated + transmitter call). The menu must be activated and the alarm control unit must not be in Maintenance mode.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Select the alarm control unit from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Anti-jamming"** and confirm with OK.
- Select **"Activate"** or **"Deactivate"**, then confirm with OK (ⓐ).

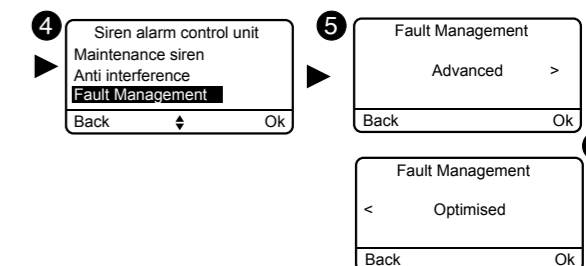


3.5.19 Defect management

"Advanced" defect management enables compliance with standard EN 50131. However, you may not want some signalling operations, so in that case you can switch to "Optimum" Advanced:

- One or more events not cleared will lead to an activation being denied.
 - The battery, monitoring, PSTN line and GSM line are considered as events to be cleared.
 - A monitoring defect will trigger an alarm cycle if the system is on.
- Optimum:
- One or more events not cleared will not lead to an activation being denied (only signalling by problem beeps).
 - The battery, monitoring, PSTN line and GSM line are considered as events to be cleared (only put in the history).
 - A monitoring defect will not trigger an alarm cycle (only put in the history).

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Select the alarm control unit from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Defect management"** and confirm with OK.
- Select **"Advanced"** or **"Optimum"**, then confirm with OK (ⓐ).



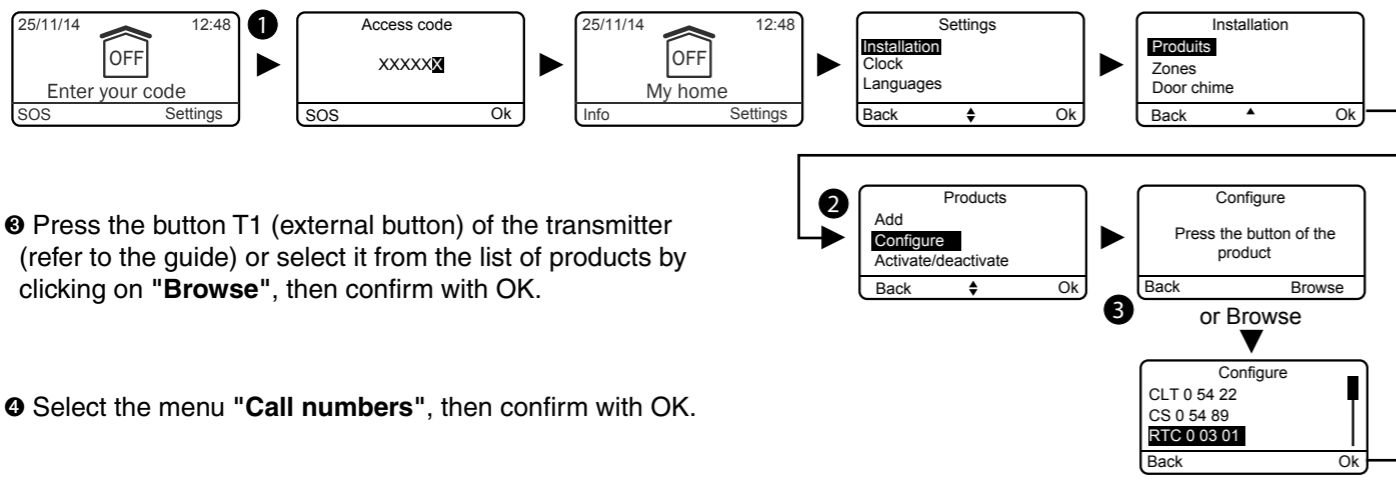
3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.5.20 Call numbers

If a transmitter is present on the installation, you must programme the numbers that will be called in the event of an alarm or technical defect.

Call cycle: The transmitter dials the first number recorded. If the contact does not pick up or if they do not acknowledge the call, the transmitter then dials the 2nd number, then the 3rd... up to the 6th number. If no contact picks up, the transmitter repeats the cycle: no.1, no.2, no.3, etc. Hence, the transmitter makes 16 consecutive calls or 4 cycles at the most.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.



- Press the button T1 (external button) of the transmitter (refer to the guide) or select it from the list of products by clicking on **"Browse"**, then confirm with OK.

- Select the menu **"Call numbers"**, then confirm with OK.

6 The transmitter is of the PSTN type

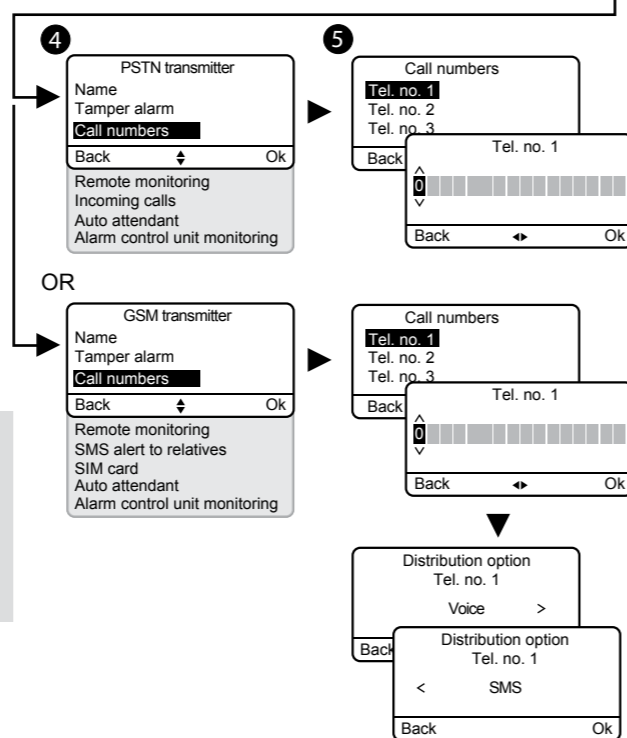
Select the call number to programme (tel. no. 1 to 6), then confirm with OK.
Enter the call number required.

The transmitter is of the GSM type

Select the call number to programme (tel. no. 1 to 6), then confirm with OK.
Enter the call number required.
Confirm with OK.
Choose the distribution option, that is the way in which you want to be alerted in the event of intrusion: voice or SMS.
Confirm with OK.

In the event of a discreet emergency alarm being triggered (e.g. duress code), the call cycle will start on the 3rd number programmed. You must take this into account in your programming for the call numbers.

Note: It is not mandatory to programme call numbers 1 and 2, so you can start directly with no. 3.



3.5.21 Remote monitoring

A fuller description of the remote monitoring settings is available in the installation guide of the telephone transmitter.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button of the transmitter or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Remote monitoring"**, then confirm with OK:

6 Protocol selection

You can choose from the following:

- No, Contact ID P10 to P13, CESA 200 P0 to P2 (only with the PSTN transmitter).

If the CESA protocol is selected, you can change the pre-programmed loop numbers:

Event	No.	Event	No.
Off/On	70	discreet emergency alarm	82
Intruder alarm	00	Mains supply defect	83
Tamper alarm	10	Monitoring error	84
Technical error	20	Telephone error	85
Smoke alarm	30	Auto operation	50
Battery error	40	Manual test	91
Auto operation defect	80	Cyclic test	90
Emergency alarm with siren	81	Interphony period	12

Main number

Specify the main number supplied by the remote monitoring operator.

Emergency number

Specify the backup number supplied by the remote monitoring operator.

Identifier

Specify the identifier supplied by the remote monitoring operator.

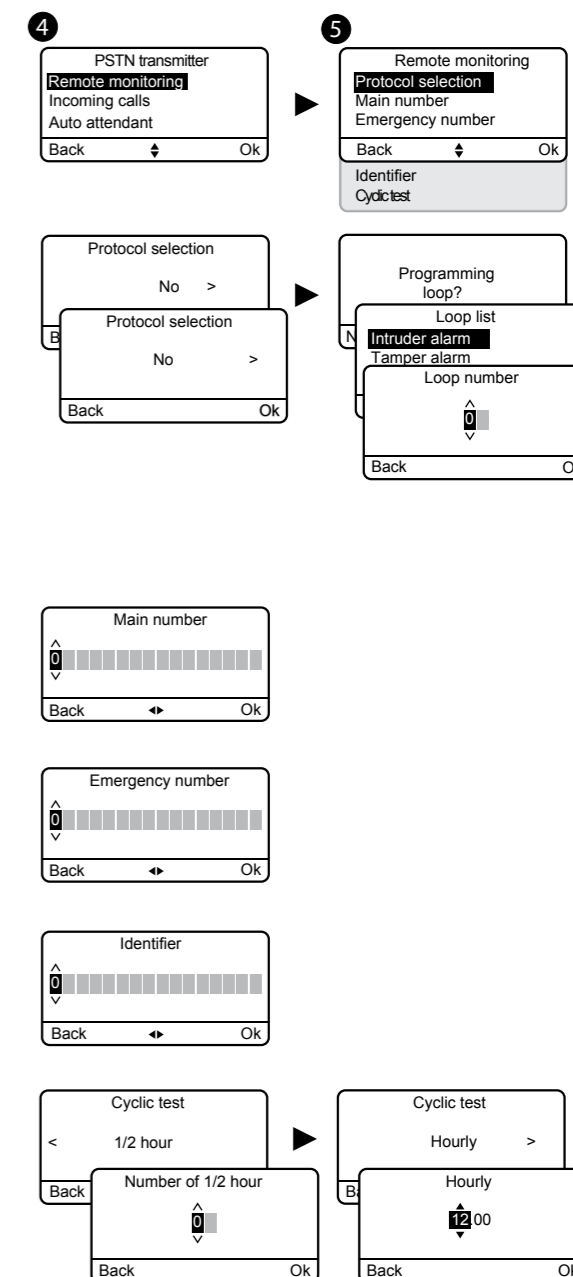
Cyclic test

The cyclic test is done at regular intervals.

These intervals are programmed:

- either in number of 1/2 hours,
- or for a specific timetable (1 test/24h).

Confirm with OK.

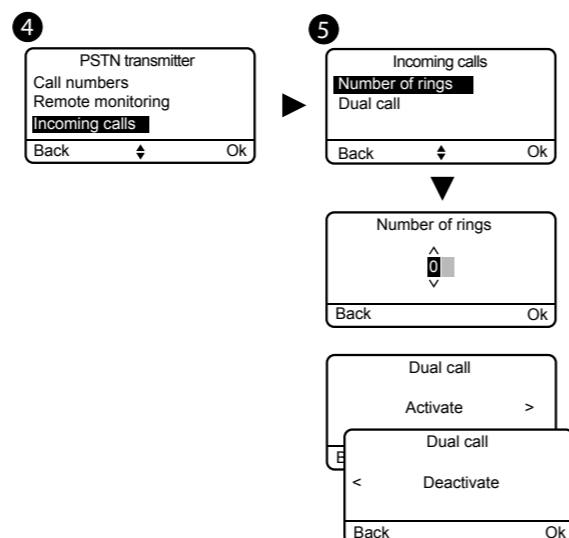


3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.5.22 Incoming calls

Incoming calls are calls made from a telephone to your telephone transmitter. You can specify the number of rings required before the PSTN transmitter picks up the line. You can also activate the rapid line pick up mode (see transmitter guide). The line pick up operation is immediate with a GSM transmitter.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button of the transmitter or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"Incoming calls"**, then confirm with OK:



- Number of rings:** Specify the number of rings required before the transmitter picks up the line.
Dual call: You can activate or deactivate the "rapid" line pick up method.

Rapid line pick up:

- Call the transmitter,
- After 2 rings, hang up,
- Wait for 10 seconds, then call again,
- The transmitter picks up immediately,

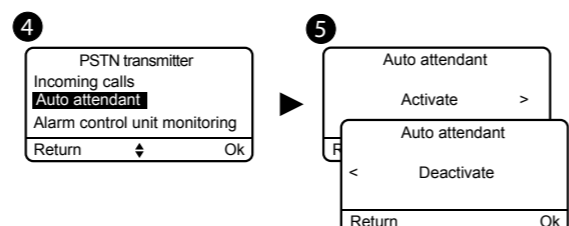
Confirm with OK.

A fuller description is available in the installation guide of the telephone transmitter.

3.5.23 Auto attendant

The auto attendant enables you to obtain vocal information on the status of your installation when you are near the telephone transmitter (e.g. "your alarm system is on"). You can activate or deactivate it.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button of the transmitter or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the **"Auto attendant"** menu, then **"Activate"** or **"Deactivate"** (Ⓜ), then confirm with OK.



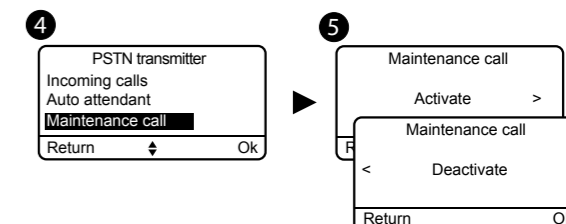
3.5.24 Maintenance call

A call cycle is triggered each time the system is switched to maintenance mode. This menu allows you to disable this maintenance call cycle, for example during activation, to prevent untimely calls.

It is important to reactivate the Maintenance call after the activation.

Reminder: To guarantee NF&A2P certification, the maintenance call cycle must be activated.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button of the transmitter or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the **"Maintenance call"** menu, then **"Activate"** or **"Deactivate"** (Ⓜ), then confirm with OK.

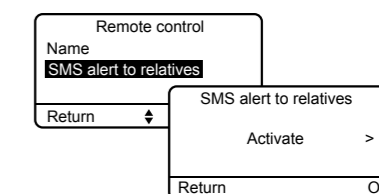


3.5.25 SMS alert to relatives (only with a TTGSM TYXAL+ transmitter)

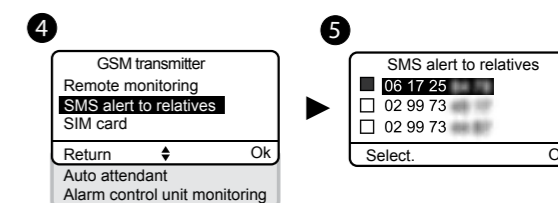
This function is used to send an SMS to a programmed number if the system is activated or deactivated.

Example: your child comes home and deactivates the system via the remote control or badge reader, the telephone transmitter sends you an SMS.

Check that the "SMS alert to relatives" option is activated in the "Settings" menu of the remote control or badge associated with the function.



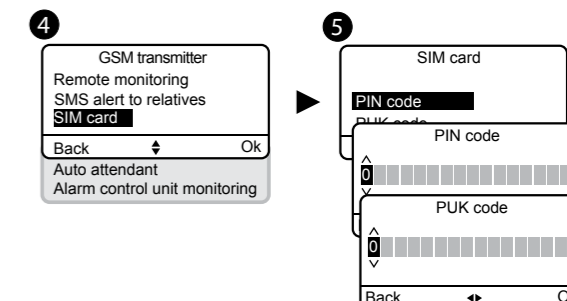
- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button T1 (external button) of the transmitter (refer to the guide) or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the menu **"SMS alert to relatives"**, then confirm with OK.
- From the list, select the number or numbers concerned by the SMS alert by pressing **Select**, then confirm with OK.



3.5.26 SIM card (only with a TTGSM TYXAL+ transmitter)

This menu is used to enter the PIN code of the SIM card to activate it and the PUK code.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Products > Configure**, then confirm with OK.
- Press the button T1 (external button) of the transmitter (refer to the guide) or select it from the list of products by clicking on **"Browse"**, then confirm with OK.
- Select the **"SIM card"** menu.
- Enter the parameters of the SIM card: **PIN code**, **PUK code**. Confirm with OK.



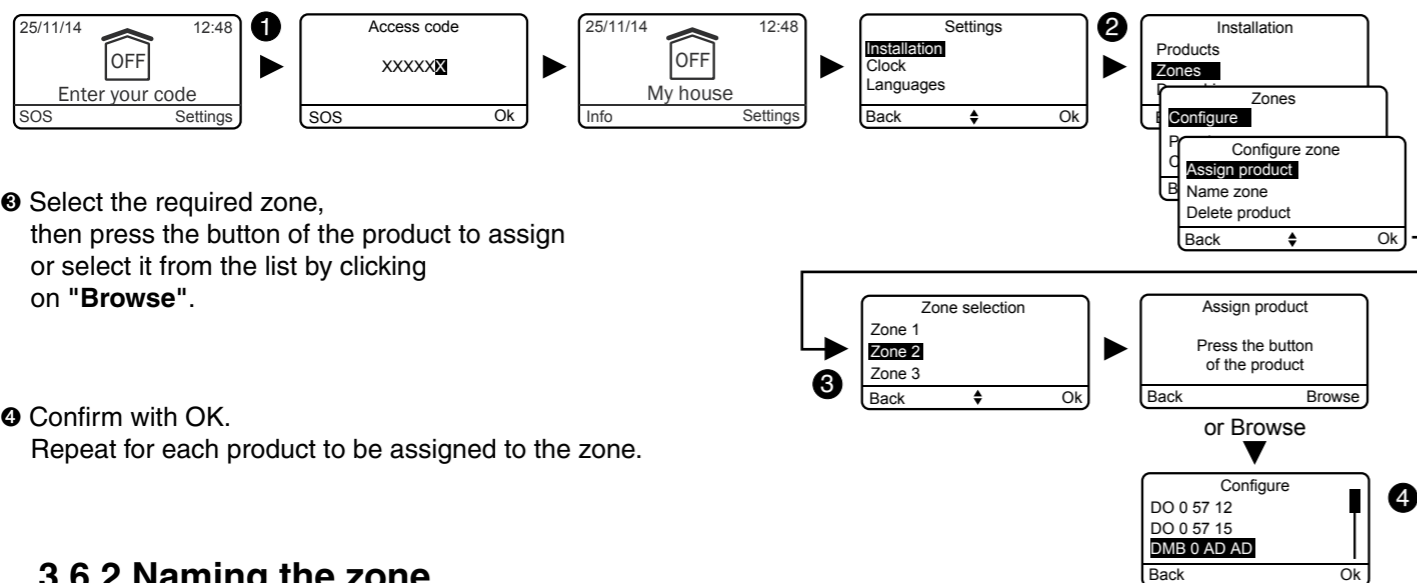
3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.6 Zone management

3.6.1 Assigning a product to a zone (1 to 8)

Only the detectors and access codes can be associated with an operating zone (up to 8 separate zones). A detector that will not be assigned to a specific zone is located in the zone called "Other zone". It operates like the other zones (name, add, delete, etc.).

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Configure > Assign product**, then confirm with OK.



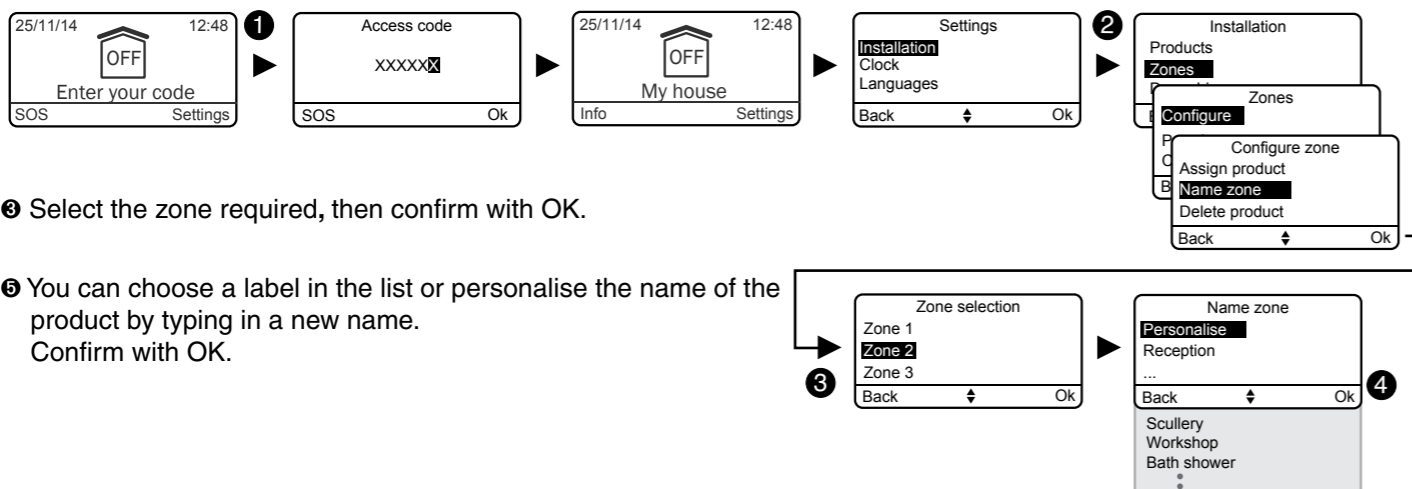
- 3 Select the required zone, then press the button of the product to assign or select it from the list by clicking on **"Browse"**.

- 4 Confirm with OK. Repeat for each product to be assigned to the zone.

3.6.2 Naming the zone

For naming the zones, we recommend you use one of the labels proposed in the list (see § 3.5.5). If you have a telephone transmitter on your installation, it will state the name of the zone, so it will be easier for you to identify the product that caused an event. The "my home" and "other" zone can also be named.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Configure > Name zone**, then confirm with OK.



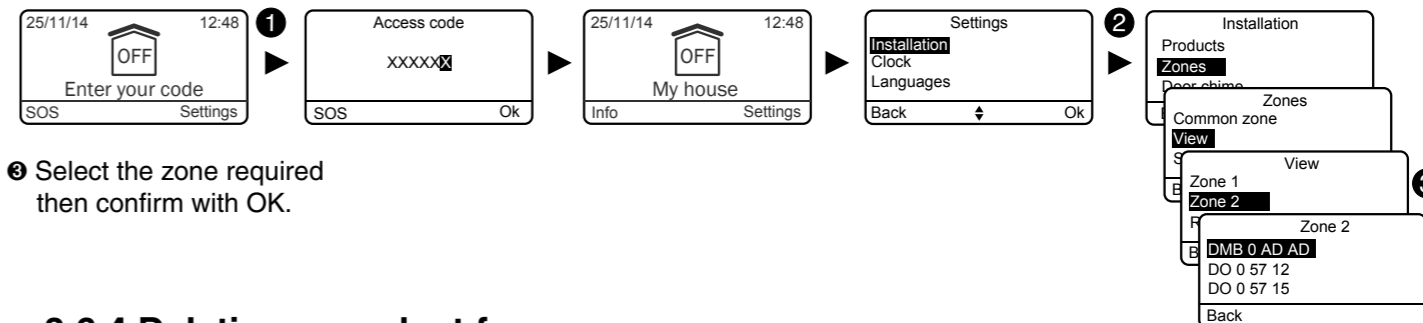
- 3 Select the zone required, then confirm with OK.

- 4 You can choose a label in the list or personalise the name of the product by typing in a new name. Confirm with OK.

3.6.3 Viewing the zones

This menu is used to check the list of products associated with a zone.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > View**, then confirm with OK.

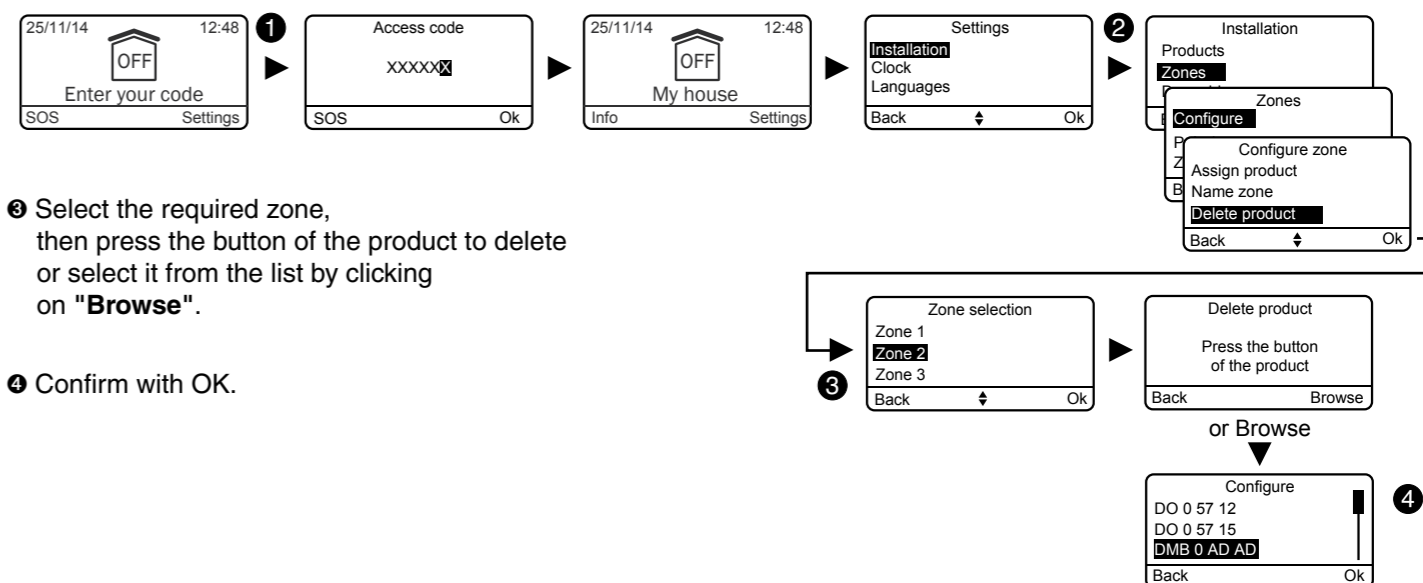


- 3 Select the zone required then confirm with OK.

3.6.4 Deleting a product from a zone

The deletion of a product from a zone also deletes it from the system. To change a zone product, you must use the "Assign product to a zone" menu.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Configure > Delete product**, then confirm with OK.



- 3 Select the required zone, then press the button of the product to delete or select it from the list by clicking on **"Browse"**.

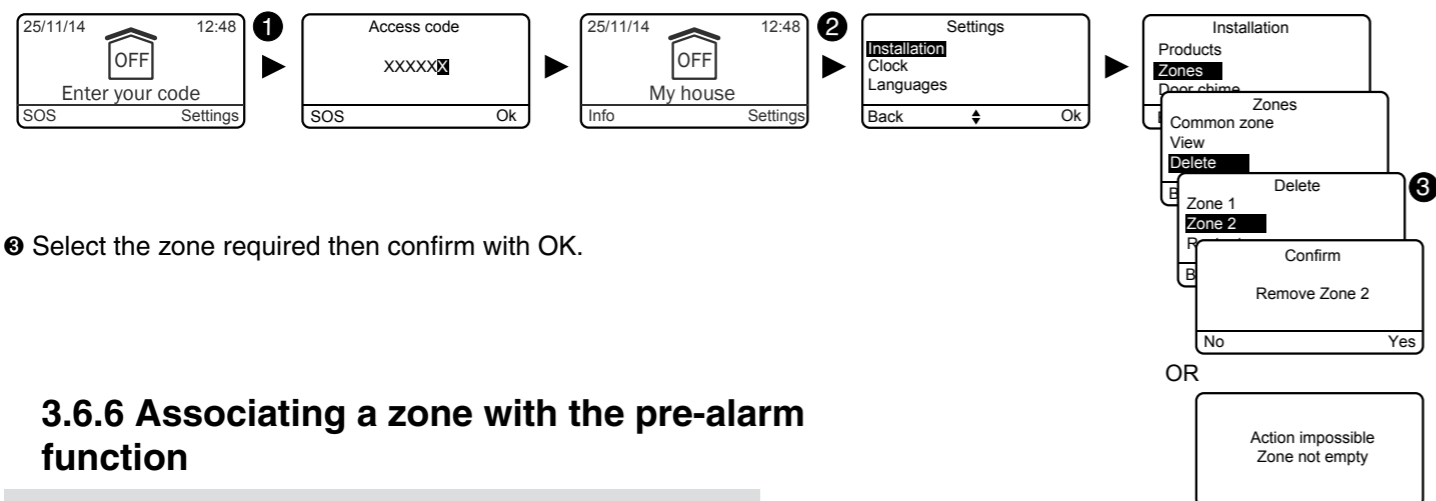
- 4 Confirm with OK.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.6.5 Deleting a zone

- A zone can only be deleted if it has no associated product.
- Deleting a zone also deletes its personalised name

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Delete**, then confirm with OK.



- 3 Select the zone required then confirm with OK.

3.6.6 Associating a zone with the pre-alarm function

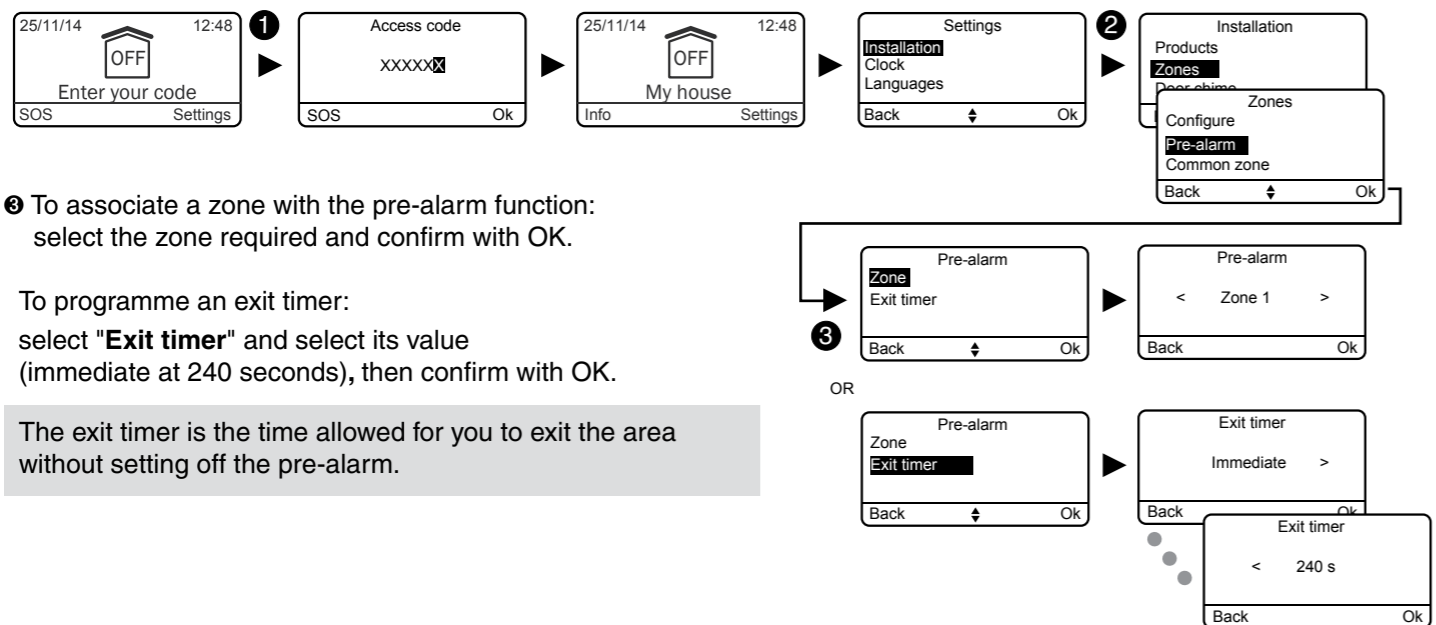
The pre-alarm function is used as dissuasion if an intruder attempts to gain entry.

The detectors associated with a pre-alarm zone are automatically switched to immediate triggering.

Example: a motion detector is associated.

As soon as a person enters the protected zone, a sound and visual signal (outdoor siren) warns you of the imminent alarm.

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Configure > Pre-alarm**, then confirm with OK.



- 3 To associate a zone with the pre-alarm function: select the zone required and confirm with OK.

To programme an exit timer:

select **"Exit timer"** and select its value (immediate at 240 seconds), then confirm with OK.

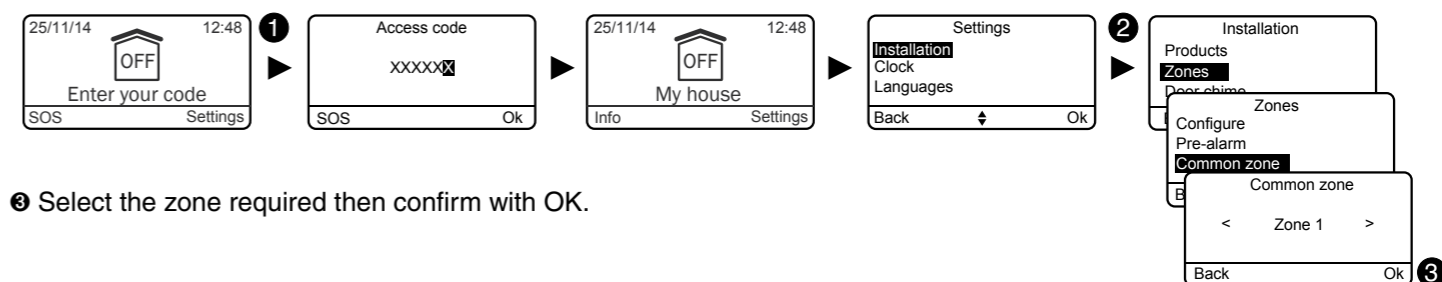
The exit timer is the time allowed for you to exit the area without setting off the pre-alarm.

3.6.7 Creating a common zone

The common zone is directly dependent on the status of the other zones. It switches on automatically when all the zones are activated.

It switches off when at least one zone is deactivated (see additional explanation in the chapter "How does your alarm system work?").

- 1 Enter the installer code (123456, by default) and confirm with OK.
- 2 Press Settings, select the menu: **Installation > Zones > Common zone**, then confirm with OK.



- 3 Select the zone required then confirm with OK.

3.6.8 Assigning a restricted access code to a zone

The restricted access codes are used to attribute a code to a zone so as to limit access to it (e.g. maintenance personnel, etc.).

A code can be assigned to several zones.

Example: A person arrives to do the cleaning in your home. Their restricted access code only gives them access to some zones in the home.

The alarm will trigger if the person enters an unauthorised zone.

To create a restricted code and attribute it to a zone, refer to the "Access code".

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

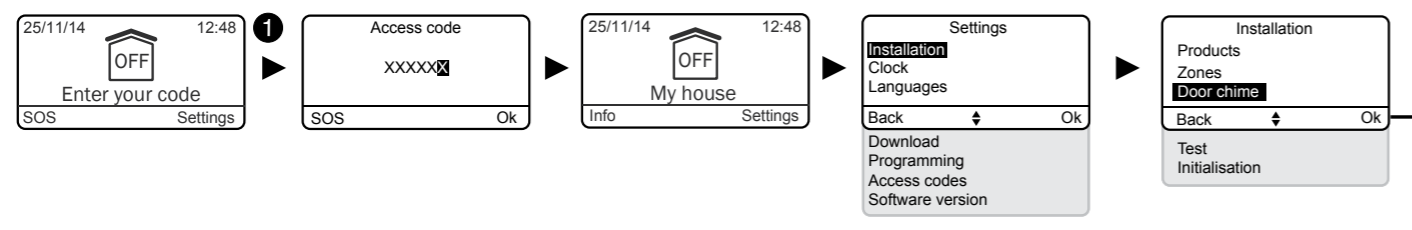
3.7 Door chime function

The door chime function is used, by associating it with a door/window magnetic contact, to set off a particular tone if a presence is detected (e.g. entrance to a shop).

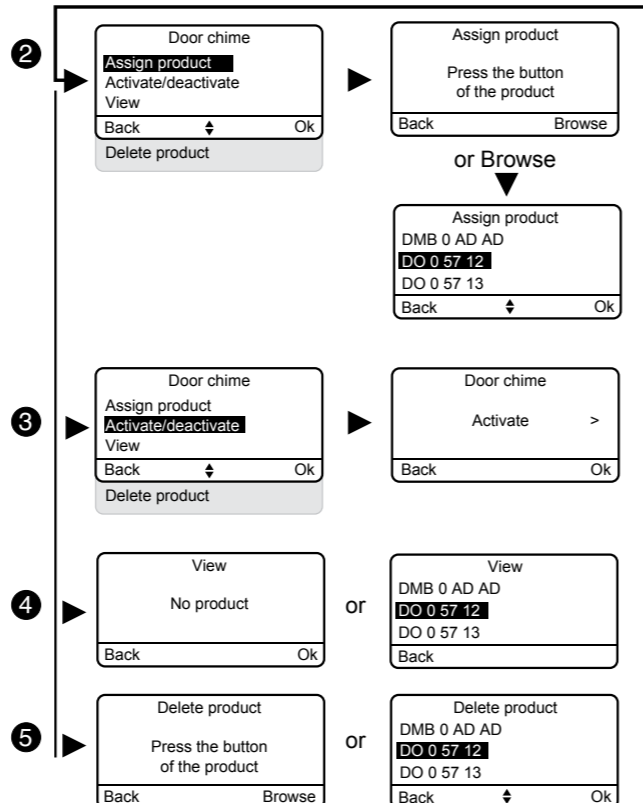
It does not disable the intruder function of a detector hence, a detector can be:

- in "Door chime" mode when the system is off,
- in "Intrusion" mode when the system is on.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Door chime**, then confirm with OK.



- Select the menu "Assign product", then press the button of the product to rename or select it from a list by clicking on "Browse", then confirm with OK.



It is possible to:

- enable or disable the Door chime function (3),
- view the products associated with the function (4)
- delete a product from the list (5).

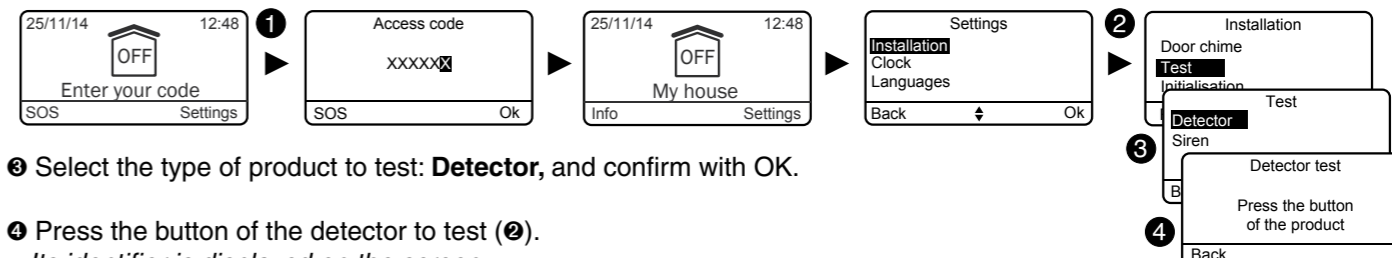
Confirm with OK.

3.8 Testing the installation

3.8.1 Test a detector (DO, MDO, DOI PVC, DOS, DMB, DMBD, DMBV, DME, DMBE, DVR TYXAL+)

Once started, the Test mode of a detector lasts for 4 minutes. During this time, no detection will trigger an alarm.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Test**, then confirm with OK.



- Select the type of product to test: **Detector**, and confirm with OK.

- Press the button of the detector to test (2).

Its identifier is displayed on the screen.

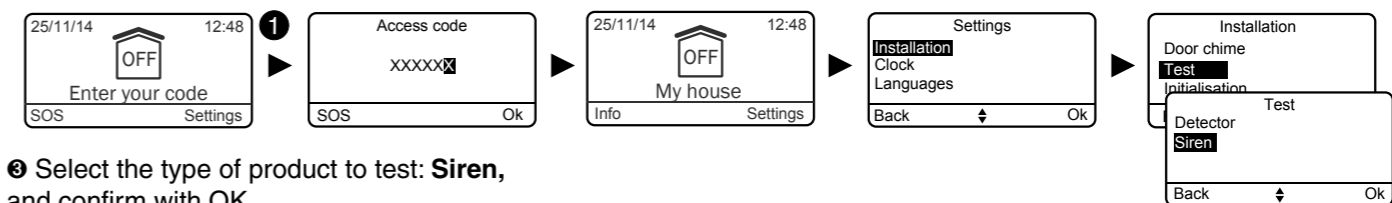
Confirm with OK.

On the detector, the LED flashes once:

- each time the entry is opened/closed (door/window magnetic contact)
- whenever the system detects something or someone (motion detector)

3.8.2 Testing the sirens (Si TYXAL+ or SEF TYXAL+, CS 8000 TYXAL+ alarm control unit, TTRTC TYXAL+ , TTGSM, TYDOM 2.0 telephone transmitter)

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: **Installation > Test**, then confirm with OK.



- Select the type of product to test: **Siren**, and confirm with OK.

The sirens of the installation sound briefly each one after the other (this can take a few seconds).

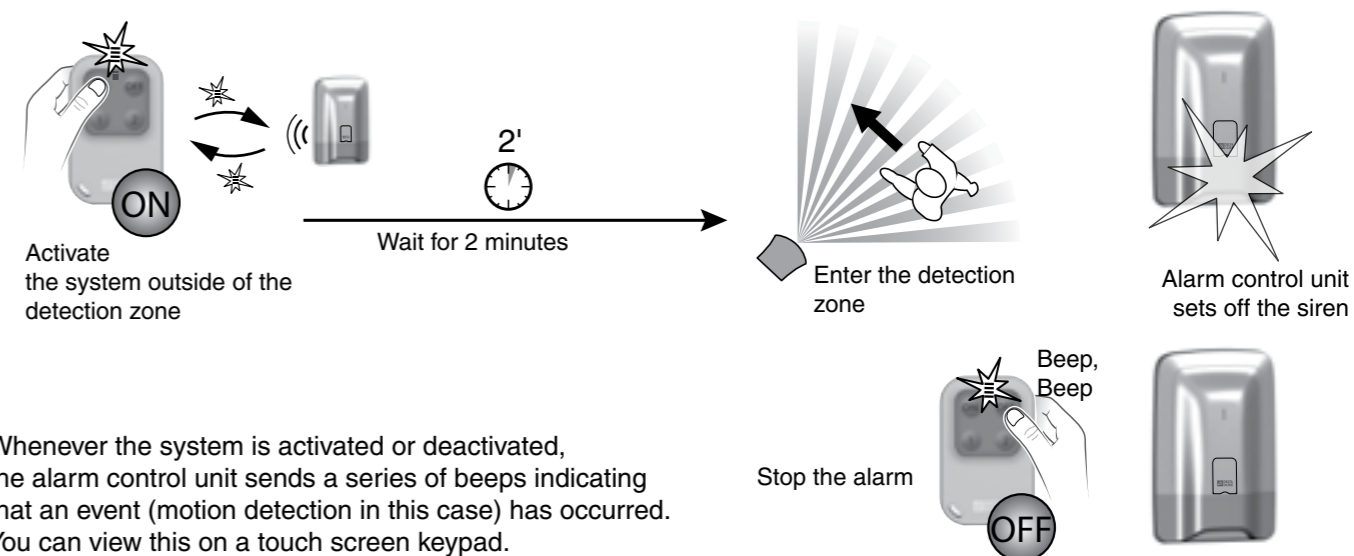
The transmitter gives its status via its loudspeaker.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.8.3 Testing a DCP TYXAL+ impact detector or a DCS TYXAL+ , DF or DU detector

- 1 Set the control unit to maintenance mode (see "Maintenance mode" chapter).
- 2 On the detector:

DCP TYXAL+ impact detector	<ul style="list-style-type: none"> - Press the TEST button on the transmitter. <i>The alarm control unit emits a beep.</i> - Set off the system by tapping the window with the handle of a screwdriver. <i>For 1.5 minutes, any impact detection will be signalled by a beep.</i> <p>The TEST mode will be extended each time the transmitter button is pressed.</p>
DCS TYXAL+ mains power failure detector	<ul style="list-style-type: none"> - Press the button of the DCS TYXAL+ . <i>The alarm control unit emits a beep.</i> - Cause a mains failure. Wait for 1/2 hour then check that the technical defect is reported by the system.
DF TYXAL+ water leak detector	<ul style="list-style-type: none"> - Press the TEST button on the transmitter. - Simulate a water leak by wetting the 2 strips of the sensor (e.g. with a sponge). <i>The transmitter beeps.</i> - Check that the defect caused warning beeps to be sounded on the alarm control unit (beep, beep, etc.), and that a call cycle is triggered on the telephone transmitter (if included in the system).
DU TYXAL+ universal detector	<ul style="list-style-type: none"> - Press the TEST button on the transmitter. - Create a detection situation (see manufacturer guide for the associated sensor) - Check that the detection procedure runs correctly. <i>The detector beeps.</i>



Whenever the system is activated or deactivated, the alarm control unit sends a series of beeps indicating that an event (motion detection in this case) has occurred. You can view this on a touch screen keypad.

To clear the event:

Press and hold the remote control's OFF button for 5 seconds. *The control unit emits beeps when pressed, then a series of beeps after 5 seconds. Release. The event is cleared.*

The event can also be "cleared" through the Info menu of a CLT 8000 TYXAL+ touch screen keypad.

3.8.4 Test under operating conditions

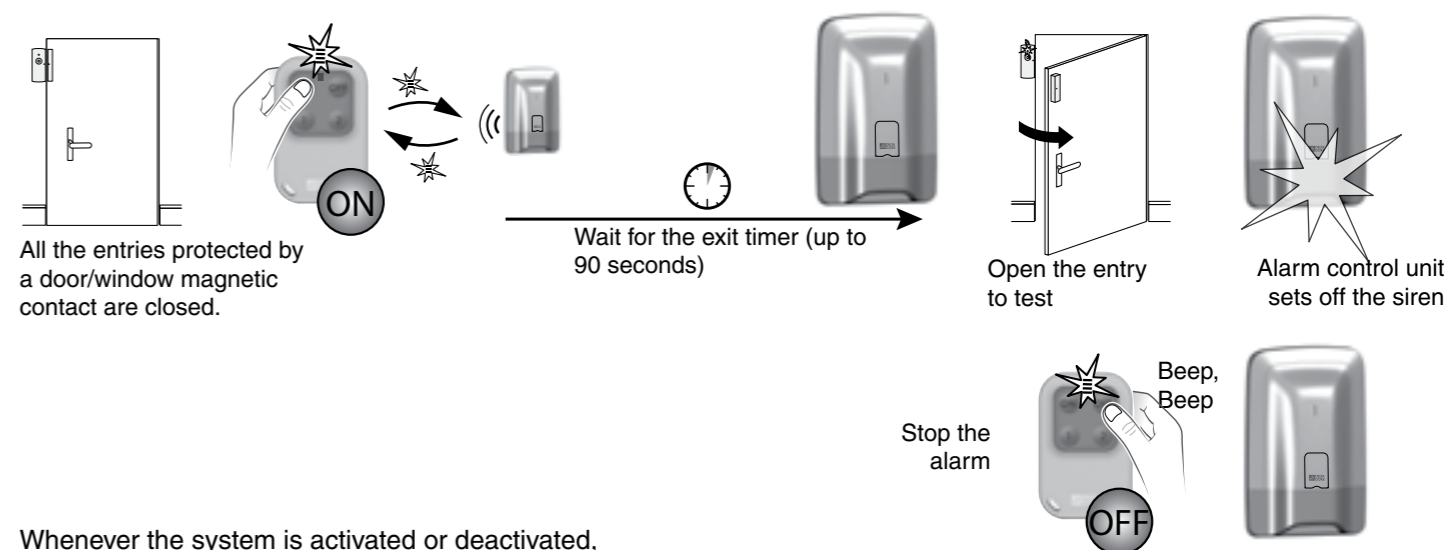
Test your installation under actual operating conditions by triggering an alarm with each of your detectors. During this test, you must take the "exit timer" into account to achieve effective surveillance (up to 90 seconds).

Test the motion detectors

The motion detector stores each passage in the detection zone for 90 seconds (whether or not the system is on). For the test, activate the system from a point where you will not be detected. Wait for 2 minutes before entering the detection zone (irrespective of the exit timer).

- If the detector is in delayed triggering mode, the control unit will only set off the alarm after a programmed time (up to 45 seconds). During this time, it will emit warning beeps.
- If the alarm control unit does not sound, take another look at the installation or association of the detector.
- If the installation is equipped with a transmitter, check that the detection triggers a call cycle to the programmed numbers.

Test the door/window magnetic contacts



Whenever the system is activated or deactivated, the alarm control unit sends a series of beeps, indicating that an event (opening detection in this case) has occurred.

To clear the event:

see previous §.

If the detector is in delayed triggering mode, the control unit will only set off the alarm after 45 seconds. If the alarm control unit does not sound, take another look at the installation or association of the detector.

3. Activation with a CLT 8000 TYXAL+ touch screen keypad

3.9 Activating/Deactivating a product

A product can be deactivated locally with a CLT 8000 TYXAL+ touch screen keypad or remotely via a telephone transmitter (e.g. a detector that generates intrusions because of an incorrectly closed window).

When a product is deactivated, some of its functions are no longer covered by the alarm control unit, but others remain enabled (see table).

Example: a deactivated remote control will continue to control the system activations/deactivations, but will not report its battery defect.

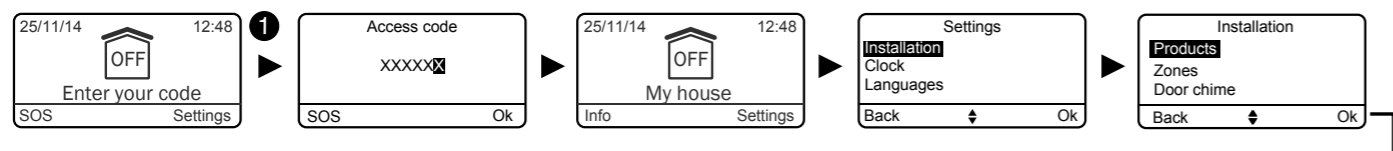
Table of functions always provided when a product is deactivated

Products \ Functions provided?	Touch screen keypad Simple keypad Exterior keypad Badge reader	RFID badge	Remote control	Door/window magnetic contact detectors Motion detectors	Indoor siren Outdoor siren	PSTN transmitter GSM transmitter IP transmitter	Detectors detectors	Repeater	Control unit
Intrusion (or technical) detection				No			No		
Tamper alarm	No			No	No	No		No	No
Battery defect Mains supply defect	No		No	No	No	No	No	No	No
Siren					Yes				Yes
On/off	Yes		Yes			Yes			
Call						Yes			


1 Enter the installer code (123456, by default) and confirm with OK.

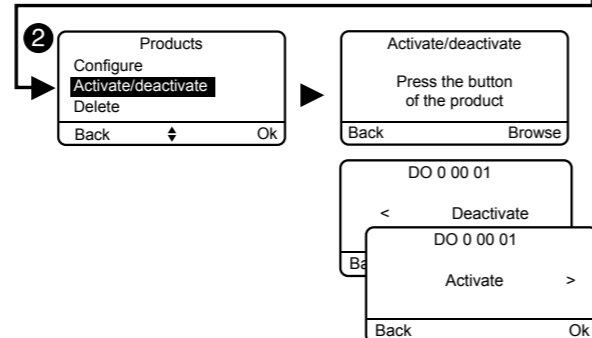
2 Press Settings, select the menu:

Installation > Products > Activate/deactivate, then confirm with OK.



When the product is deactivated, the control unit emits "problem beeps" each time the system is activated.

The  symbol is displayed on the screen to encourage you to view the type of problem.



4. Activation without a CLT 8000 TYXAL+ touch screen keypad

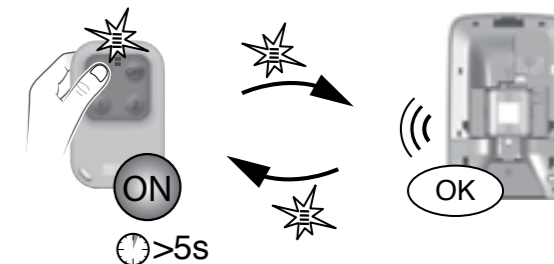
4.1 Activating for the first time

1 Associate the first control device

When the system is activated for the first time, the control unit is waiting to record the first control device (remote control or keypad).

• From a TL 2000 TYXAL+ remote control

Press the ON button for 5 seconds.
The alarm control unit emits a beep.
The LED changes from red to green to confirm the action.



• From a LB 2000 TYXAL+ badge reader

Press the ON button for 5 seconds.
The alarm control unit emits a beep.
The LED changes from red to green to confirm the action.

• From a CLS 8000 TYXAL+ simple keypad

Press the ON button for 5 seconds.
The alarm control unit emits a beep.
The LED changes from red to green to confirm the action.

Recording the first product switches the control unit to "add product" mode. You can then record other products (see § "Adding products").

2 Close the cover



Closing the control unit will not exit it from maintenance mode.

4. Activation without a CLT 8000 TYXAL+ touch screen keypad

4.2 Maintenance mode

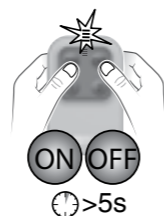
Maintenance mode is used to perform the activation, maintenance and diagnostic operations. The alarm control unit is switched to Maintenance mode by a control device: keypad (apart from outdoor keypad), remote control or badge reader.

4.2.1 Entering maintenance mode

- Before switching the alarm control unit to maintenance mode, the system must be deactivated (OFF).
- The alarm control unit can only be switched to maintenance mode from a product already associated.
- The switch to maintenance mode automatically and briefly activates the indoor siren of the alarm control unit as well as a transmitter call cycle (required by standard EN 50131).
- It is unnecessary to open the control unit.

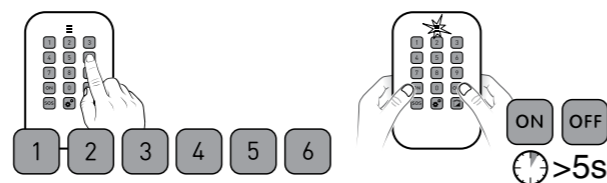
• From a TL 2000 TYXAL+ remote control

Press the ON and OFF buttons simultaneously for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED flashes.



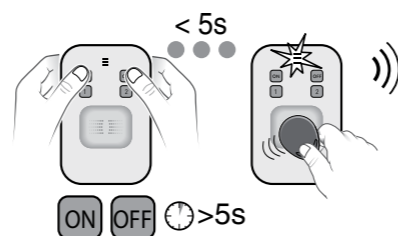
• From a CLS 8000 TYXAL+ simple keypad

Enter the installer code, then press the ON and OFF buttons simultaneously for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED flashes.



• From a LB 2000 TYXAL+ badge reader

Press the ON and OFF buttons simultaneously for 5 seconds.
The red LED will come on.
Place your badge on the detection zone before 5 seconds.
The green LED comes on to confirm the action.
The alarm control unit beeps and its LED flashes.



4.2.2 Exiting maintenance mode

- The products must be closed (no tamper alarm in progress).
- Automatic exit after 15 min. without any action.

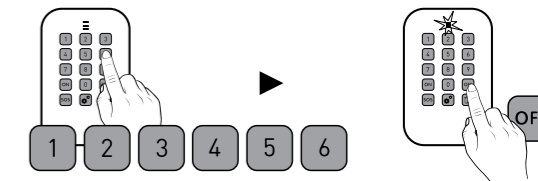
• From a TL 2000 TYXAL+ remote control

Press the OFF button.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED switches off.



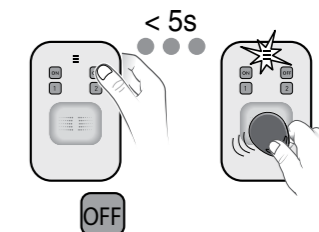
• From a CLS 8000 TYXAL+ simple keypad

Enter the installer code, then press the OFF button.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED switches off.



• From a LB 2000 TYXAL+ badge reader

Press the OFF button.
The red LED will come on.
Place your badge on the detection zone before 5 seconds.
The green LED comes on to confirm the action.
The alarm control unit beeps and its LED switches off.



4. Activation without a CLT 8000 TYXAL+ touch screen keypad

4.3 Adding a product

- Before switching the alarm control unit to maintenance mode, the system must be deactivated (OFF).
- The alarm control unit can only be switched to maintenance mode from a product already associated.
- The switch to maintenance mode automatically activates the indoor siren of the alarm control unit as well as a transmitter call cycle (required by standard EN 50131).
- The system cannot be switched to maintenance mode from the outdoor keypad (CLE 8000 TYXAL+)

1: Switch the alarm control unit to maintenance mode → **2: Set the alarm control unit to "Add product" mode.** → **3: Confirm on the product to be associated**

4.3.1 Step 1: Switch the alarm control unit to maintenance mode

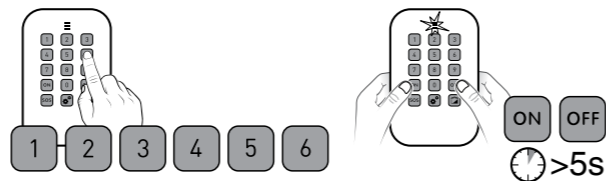
From a TL 2000 TYXAL+ remote control

Press the ON and OFF buttons simultaneously for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED flashes.



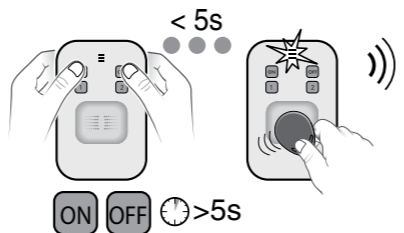
From a CLS 8000 TYXAL+ simple keypad

Enter the installer code, then press the ON and OFF buttons simultaneously for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED flashes.



From a LB 2000 TYXAL+ badge reader

Press the ON and OFF buttons simultaneously for 5 seconds.
The red LED will come on.
Place your badge on the detection zone before 5 seconds.
The green LED comes on to confirm the action.
The alarm control unit beeps and its LED flashes.



4.3.2 Step 2: Set the alarm control unit to "Add product" mode.

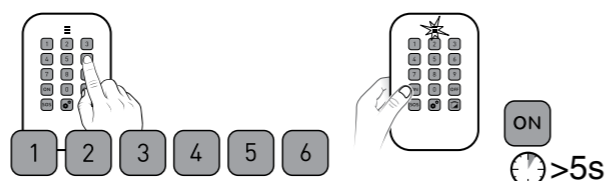
From a TL 2000 TYXAL+ remote control

Press the ON button for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED is on and steady.



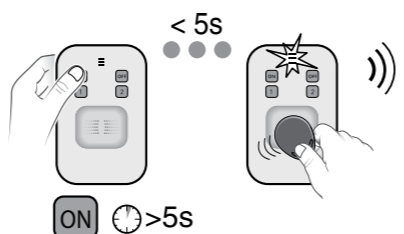
From a CLS 8000 TYXAL+ simple keypad

Enter the installer code, then press the ON button for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED is on and steady.










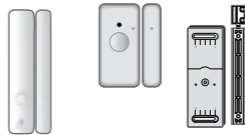



From a LB 2000 TYXAL+ badge reader

Press the ON button for 5 seconds.
Place your badge on the detection zone before 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED is on and steady.









In "Add product" mode, the red LED of the alarm control unit is on and steady.

4.3.3 Step 3: Confirm on the product to be associated

TL 2000 TYXAL+ remote control		Press the ON button for 5 seconds. The LED changes from red to green to confirm the action. The alarm control unit emits a beep.
CLS 8000 TYXAL+ simple keypad		
LB 2000 TYXAL+ badge reader		
CLE 8000 TYXAL+ outdoor keypad		Press and hold the A button for 5 seconds. The outdoor keypad emits a beep when pressed, then a 2nd beep after 5 seconds. The alarm control unit emits a beep.
CLT 8000 TYXAL+ touch screen keypad		Press  to activate the display, then 5 seconds on ON when the screen displays: "No control unit associated". The alarm control unit emits a beep. The CLT screen displays: Action confirmed, then "Download".
Badge		The badge reader must be associated with the alarm control unit. Press the ON and 1 buttons of the reader simultaneously for 5 seconds. The red LED will come on. Place the badge on the reader before 5 seconds. The green LED comes on to confirm the action. The alarm control unit emits a beep.
DO, MDO, DOI PVC TYXAL+ intrusion detectors		Briefly press the product button. The LED flashes when the button is pressed, then flashes again to confirm the association. The alarm control unit emits a beep.
Motion detectors DMB, DMBD, DMBV, DME, DMBE TYXAL+		
DCS TYXAL+ technical detector		
SEF TYXAL+ outdoor siren		

4. Activation without a CLT 8000 TYXAL+ touch screen keypad

TTRTC TYXAL+ , TTGSM, TYDOM 2.0 telephone transmitter		Briefly press the outer button (T1) of the transmitter. <i>The transmitter beeps once when the button is pressed, then beeps again to confirm the association. The alarm control unit emits a beep.</i>
Si TYXAL+ siren		Briefly press button 1 on the siren. <i>The LED changes from red to green to confirm the action. The alarm control unit emits a beep.</i>
DOS, DCP, DVR TYXAL+ intrusion detectors		Briefly press the product button. <i>The transmitter beeps. The alarm control unit emits a beep.</i>
DU, DF, DFR, DCS TYXAL+ technical detectors		Briefly press the product button. <i>It emits a beep. The alarm control unit emits a beep.</i>
REP TYXAL+ repeater		To associate a repeater, refer to the "Associating a repeater" chapter.
Roller shutter motor (intrusion mode)		You must associate the alarm control unit with the motor (refer to the "Associating a motor" chapter), then associate the intruder mode of the motor with the alarm control unit (see motor guide).
For any other product of the thermal or control systems ranges, refer to their guide.		

If the alarm control unit emits a series of beeps, refer to the "Troubleshooting" chapter.

4.3.4 Step 4: Exit the "Add product" mode

To return to Maintenance mode.

From a TL 2000 TYXAL+ remote control

Press the OFF button.
The LED changes from red to green to confirm the action.
The LED of the alarm control unit flashes.

From a CLS 8000 TYXAL+ simple keypad

Enter the installer code,
then press the OFF button.
The LED changes from red to green to confirm the action.
The LED of the alarm control unit flashes.

From a LB 2000 TYXAL+ badge reader

Press the OFF button.
The red LED will come on.
Swipe the badge before 5 seconds.
The green LED comes on to confirm the action.
The LED of the alarm control unit flashes.

4.4 Access codes (Create - Change - Delete)

4.4.1 General

The access codes (6 digits) are recorded in the alarm control unit. You configure the access codes once with the CLS 8000 TYXAL+ simple keypad and the other products (keypads or transmitters) recognise these codes automatically. You do not need to configure the codes on each product.

You have:

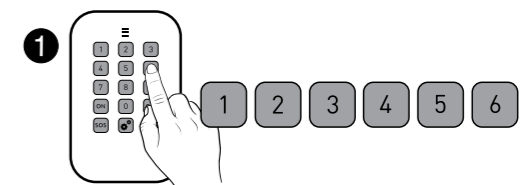
- 1 "installer" code (123456 on activation). It is strongly recommended that you create your own code.
- 10 "user" or "restricted" codes,

- The installer code enables all the control and configuration actions for the system. From the installer code, you can create or remove all codes (user and installer).
- The user code enables the control actions and a few configuration actions. It can be changed by the user.
- Restricted code: a restricted access code can only be created from a CLT 8000 TYXAL+ touch screen keypad.
- With the "Delete all" menu, all the "user" codes are deleted and the "installer" code is set to its default value (123456).
- To modify a "user" code from the installer code, you must first delete, then recreate it.

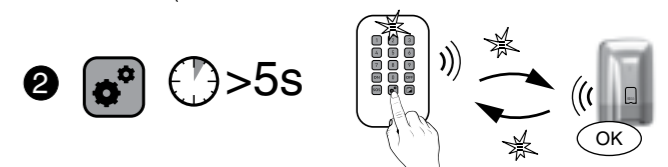
Wrong code entered: The keypad is locked for 90 seconds after five attempts to enter the wrong code. If there are many attempts to enter a wrong code (21 maximum), an alarm cycle will be triggered.

4.4.2 Creating a user code

- Enter the installer code (by default: 123456).



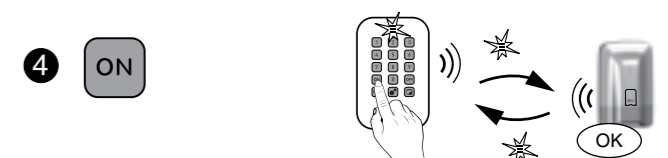
- Press and hold the  button for 5 seconds. *The LED changes from red to green to confirm the action.*



- Enter the user code to create twice consecutively (e.g. 456789).



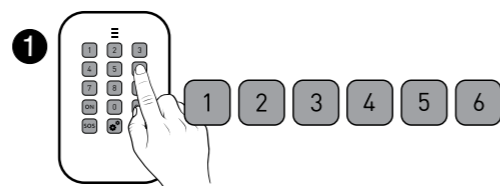
- Press the ON button. *The LED changes from red to green to confirm the action.*



4. Activation without a CLT 8000 TYXAL+ touch screen keypad

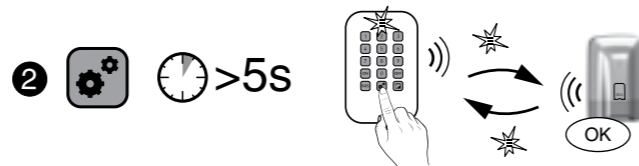
4.4.3 Changing an access code

❶ Enter the installer code (by default: 123456).



❷ Press and hold the  button for 5 seconds.

The LED changes from red to green to confirm the action.




If the LED flashes green, this means that the keypad is being updated with the alarm control unit.

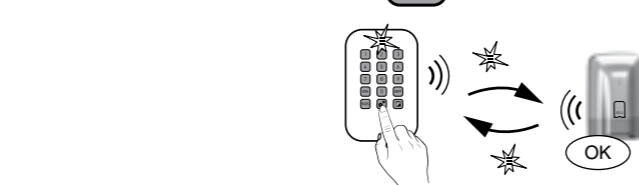
Wait until the flashing stops, then begin again at step ❶.

❸ Enter the access code to change



(e.g. 456789), then press the  button.

The LED changes from red to green to confirm the action.

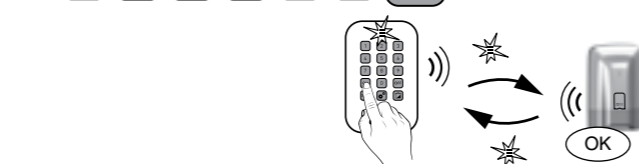


❹ Enter the new code twice (within 10 seconds), then press the ON button.



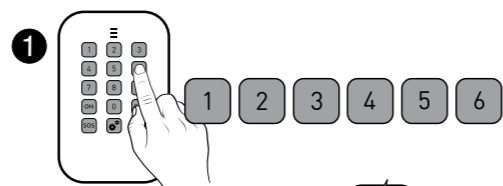
The LED changes from red to green to confirm the action.

Important: the new code must be entered within 10 seconds after entering the old one, otherwise the code remains the same.



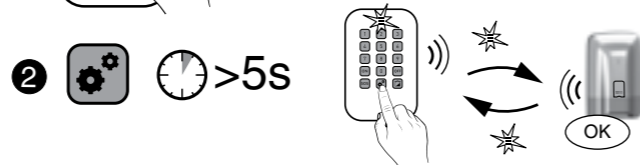
4.4.4 Deleting a user access code

❶ Enter the installer code (by default: 123456).



❷ Press and hold the  button for 5 seconds.

The LED changes from red to green to confirm the action.

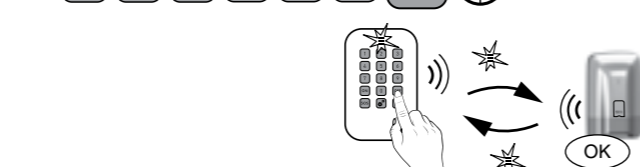


❸ Enter the user access code to delete (e.g. 456789), then press OFF for 5 seconds.



The LED changes from red to green to confirm the action.

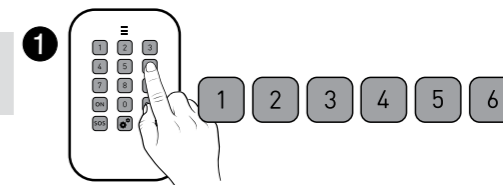
The alarm control unit emits a beep.



4.4.5 Deleting all access codes

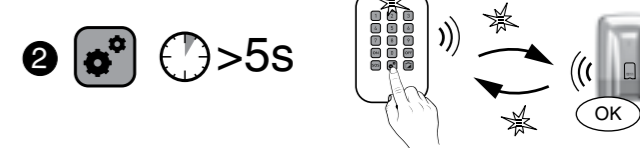
With this operation, all the "user" codes are deleted and the "installer" code is set to its default value (123456).

❶ Enter the installer code (by default: 123456).



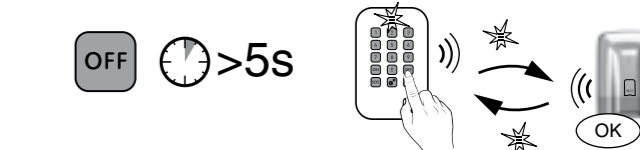
❷ Press and hold the  button for 5 seconds.

The LED changes from red to green to confirm the action.



❸ Enter the installer access code again, then press the OFF button for 5 seconds.

The LED changes from red to green to confirm the action. The alarm control unit emits a beep.



4.5 Personalising the products

• The following settings are fixed and set by default on an intermediate level:

- Siren sound levels, alert beeps,
- Button beeps enabled, problem beeps, warning beeps.

• The following settings can be programmed directly on the telephone transmitter or transmitters:

- Date and time, Language, Access code, Phone numbers, Remote monitoring.

• Immediate/delayed triggering can be configured directly on the detectors. By default, triggering is immediate. If you choose to switch to delayed mode, the delay will be 45 seconds.

4.5.1 Entry timer on intrusion detectors (immediate/delayed triggering)

❶ Set the control unit to OFF, then Maintenance mode,

❷ **For a motion detector (DMB, DMBD, DMBV TYXAL+) or DO TYXAL+ door/window magnetic contact**

Open the detector unit, then press the button of the detector for 5 seconds, until the LED flashes:

- slowly -> delayed triggering
- rapidly -> immediate triggering.

❷ **With a MDO or DOI PVC TYXAL+ door/window magnetic contact**

Press the button of the detector for 5 seconds, until the LED flashes:

- slowly -> delayed triggering
- rapidly -> immediate triggering.

Briefly press the button of the detector to switch from one flashing rate to the other. Close the unit.

Briefly press the button of the detector to switch from one flashing rate to the other.

❸ The mode is automatically exited after 10 seconds if no buttons are pressed.

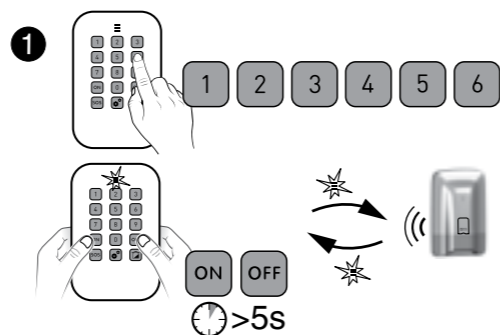
4. Activation without a CLT 8000 TYXAL+ touch screen keypad

4.6 Zone management

4.6.1 Assigning a product to a zone (1 to 8) from a CLS 8000 TYXAL+ simple keypad

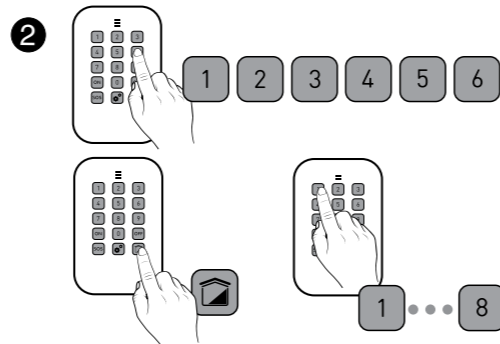
1 Set the alarm control unit to "Maintenance" mode:

Enter the installer code, then press the ON and OFF buttons simultaneously for 5 seconds.



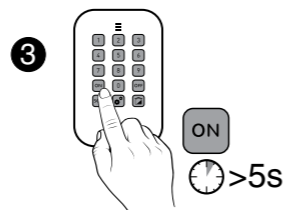
2 Set the alarm control unit to "Add product zone 1 to 8" mode:

Enter the installer code, then press the "house" button, then the number of the zone to associate (1 to 8).



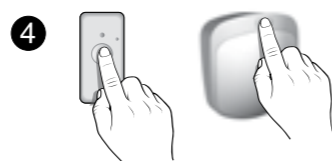
3 Press the ON button for 5 seconds.

The LED changes from red to green to confirm the action.
The alarm control unit LED is on red and steady.
The alarm control unit emits a beep.

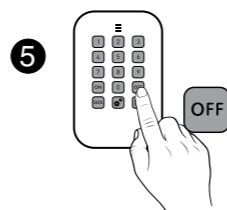


4 Confirm on the detector or detectors to associate with the zone by briefly pressing the product's button (TYXAL+ DO, MDO, DOI PVC, DOS, DCP door/window magnetic contacts and TYXAL+ DMB, DMBD, DMBV motion detectors).

The LED flashes when the button is pressed, then flashes again to confirm the association.



5 Briefly press the OFF button to exit the Add product mode.

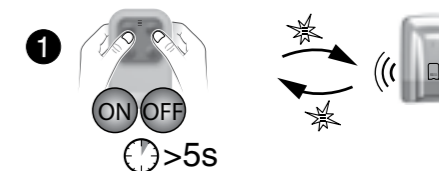


4.6.2 Assigning a product to a zone (1 to 2) from a TL 2000 TYXAL+ remote control

To control zones 1 or 2, buttons 1 or 2 of the remote control must be configured in "Mode A" (see remote control guide).

1 Set the alarm control unit to "Maintenance" mode:

Press the ON and OFF buttons of the remote control simultaneously for 5 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED flashes.



2 Press button 1 or 2 for 5 seconds (depending on the zone to associate).

The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED is on and steady.



3 Confirm on the products to associate with the zone (see table in § "Adding products").



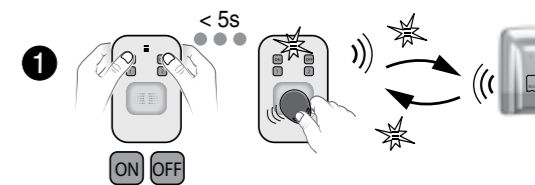
5 Briefly press the OFF button to exit the Add product mode.

The alarm control unit emits a beep.

4.6.3 Assigning a product to a zone (1 to 2) from a LB 2000 TYXAL+ badge reader

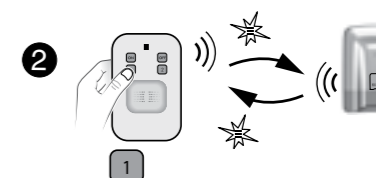
1 Set the alarm control unit to "Maintenance" mode:

Press the ON and OFF buttons of the badge reader simultaneously for 5 seconds.
The red LED will come on.
Place your badge on the detection zone before 5 seconds.
The LED changes to green to confirm the action.
The alarm control unit beeps and its LED flashes.

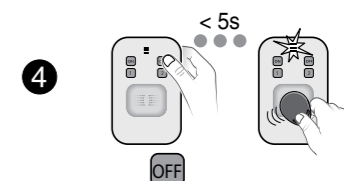


2 Press button 1 or 2 for 5 seconds (depending on the zone to associate).

The LED changes from red to green to confirm the action.
The alarm control unit beeps and its LED is on and steady.



3 Confirm on the products to associate with the zone (see table opposite).



5 Briefly press the OFF button, then swipe the badge to exit the Add product mode.

The alarm control unit emits a beep.

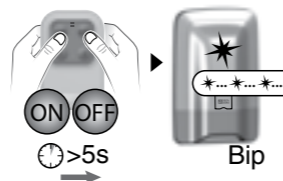
4. Activation without a CLT 8000 TYXAL+ touch screen keypad

4.7 Testing the installation

Once started, the Test mode of a detector lasts for 4 minutes. During this time, no detection will trigger an alarm.

4.7.1 Test a detector (DO, MDO, DOI PVC, DOS, DMB, DMBD, DMBV, DME, DMBE, DVR TYXAL+)

- Set the control unit to maintenance mode (see "Maintenance mode" chapter).
The alarm control unit beeps and its LED flashes.
- Open the detector if necessary, Briefly press its button,
The alarm control unit confirms with a beep.
On the detector, the LED flashes once:
 - each time the entry is opened/closed (door/window magnetic contact)
 - whenever the system detects something or someone (motion detector)



4.7.2 Testing the sirens (Si TYXAL+ or SEF TYXAL+ sirens, TYXAL+ CS 8000 alarm control unit, TTRTC TYXAL+ , TTGSM, TYDOM 2.0 telephone transmitter)

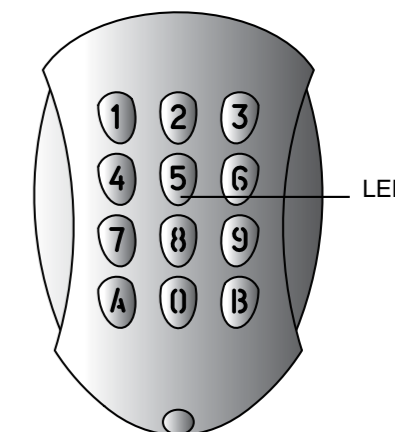
- Set the control unit to maintenance mode (see "Maintenance mode" chapter).
- Open the alarm control unit, Press button 1 of the alarm control unit for 5 seconds.
The indoor siren of the control unit is briefly set off.
The associated siren is briefly set off.



5. Configuring a CLE 8000 TYXAL+ outdoor keypad

Before using your keypad, you must:

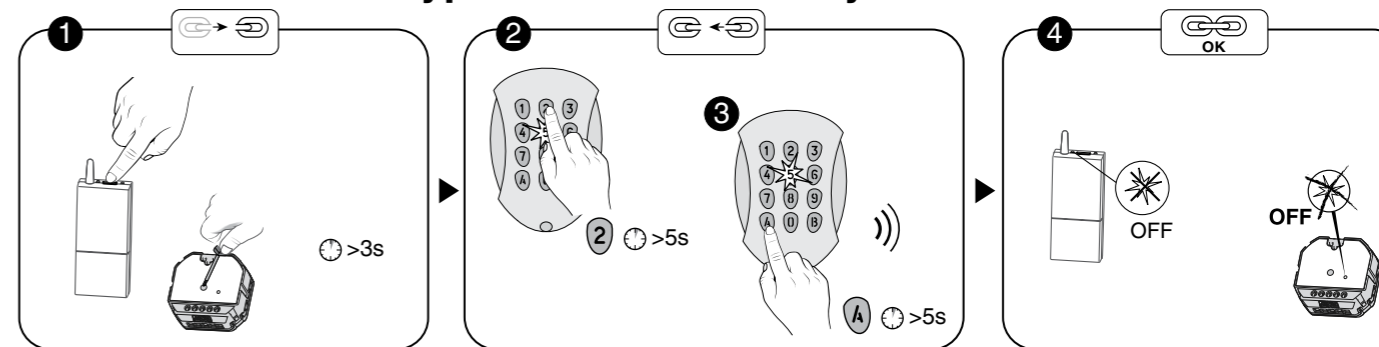
- If it controls the alarm system, associate it with the alarm control unit (see § Adding a product).
- If it controls control systems:
 - Determine the type of control system controlled
 - Associate the keypad with the control system
 - Personalise the access code or codes for the control system control.



5.1 Configure the type of control system controlled

- Press and hold the **2** button for 5 seconds.
The LED (button 5) changes to green, switches off then flashes:
 - 1 flash (*...*...*) = Pulse control (e.g. gate)
 - 2 flashes (**...**...**) = Raise/lower control (roller shutter)
 - 3 flashes (***...***...*) = Hold control (e.g. lighting)
- Press the **2** button to switch from one choice to another.
To exit the mode, press the **2** button, for 5 seconds.

5.2 Associate the keypad with a control system



- Set the control system receiver to association wait mode (refer to guide).
- On the keypad, press the button for 5 seconds **2**.
Press and hold the button to associate for 5 seconds.
For pulse control:
button **A** = channel 1, button **B** = channel 2.
For a hold or roller shutter control, press the **A** button.
The keypad emits a beep when first pressed, then a 2nd beep after 5 seconds. Release.
- Make sure that the receiver LED is off.

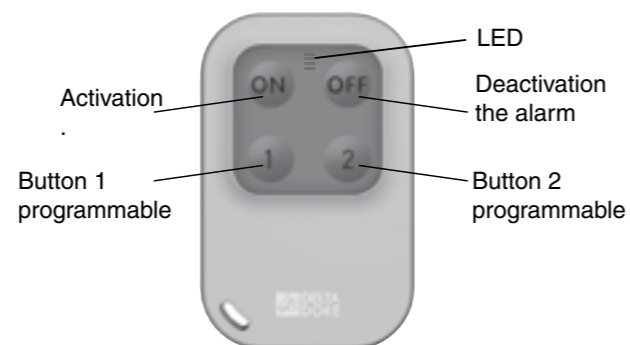
5.3 Personalise the access code or codes for the control system control

The access code upon activation is: 1234.
You can create up to 9 different codes.

- Enter your access code (1234 by default).
- Press and hold the **1** button for 5 seconds.
The red LED (button 5) will come on.
- Enter the new access code (4 digits), then press **A**.
The LED changes to green for 3 seconds, then red.
You can create another access code or exit the mode by pressing the **1** button for 5 seconds.

6. Configuring a TL 2000 TYXAL+ remote control

You can activate or deactivate the alarm system with the remote control.
Depending on the configuration defined with your installer, buttons 1 and 2 can be programmed and have different functions (see table opposite).



Before using the remote control, you must:

1) Customise buttons 1 and 2 according to your requirements.

2) Associate the remote control with the alarm control unit.

3) If buttons 1 and 2 are used in mode D or E, associate them with a control system receiver.

Buttons 1 and 2 can be programmed separately. You can therefore mix the functions.

Examples:

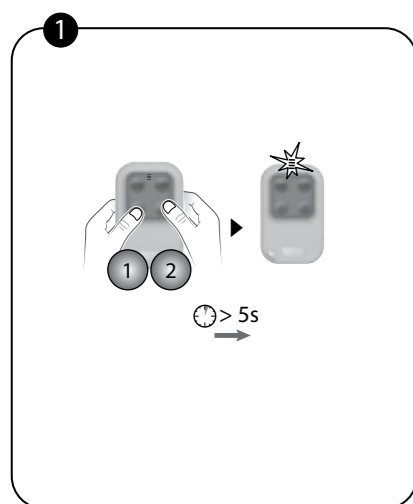
(1 Mode A, 2 Mode C);

(1 Mode D, 2 Mode E);

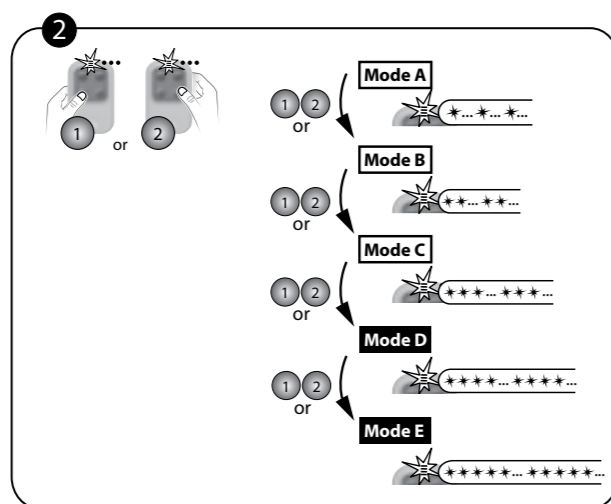
(1 Mode A, 2 Mode D)...

	Information 1	Button 2
Mode A Alarm control by zone	ON/OFF zone 1 (e.g. Floor)	ON/OFF zone 2 (e.g. Ground floor)
Mode B Triggering of an emergency alarm with siren	 Transmitter without audible signalling	
Mode C Triggering of an emergency alarm with siren	 Transmitter call + audible alert	
Mode D Pulse control of a control system or lighting	 Transmitter call + audible alert	
Mode E ON/OFF ON/OFF control for lighting or roller shutters	 Transmitter call + audible alert	

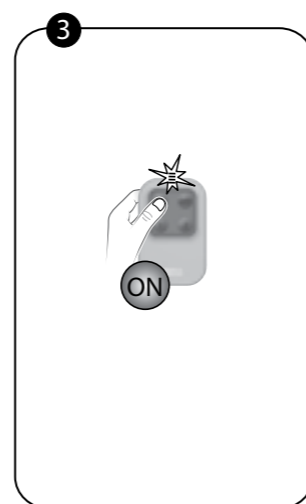
6.1 Configuring buttons 1 and 2



1 Press the 1 and 2 buttons simultaneously for 5 seconds until the LED changes to orange.



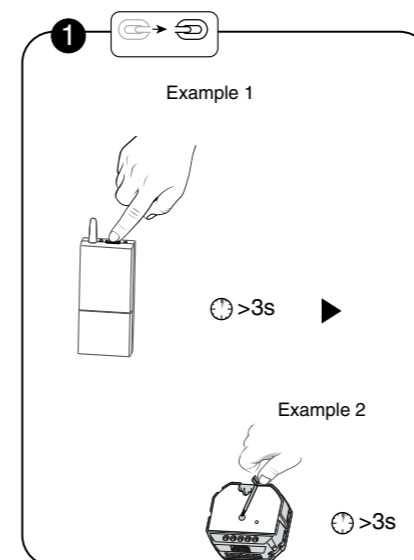
2 Press the 1 or 2 button. The LED flashes. Then, press the 1 or 2 button briefly as many times as necessary, select the required operating mode to apply: Mode A: 1 flash, Mode B: 2 flashes, ..., Mode E: 5 flashes.



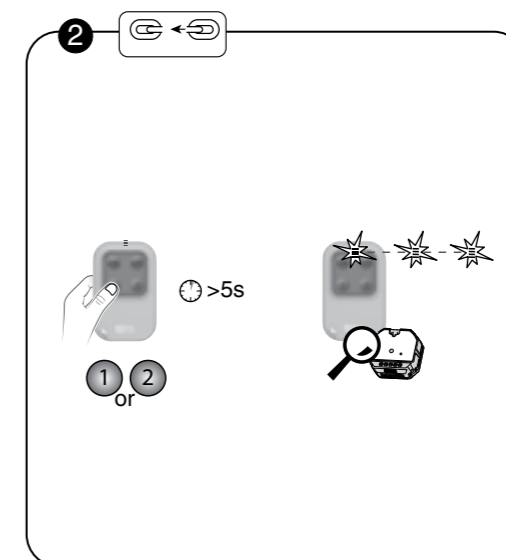
3 Press the ON button to confirm. The LED changes to green. After 5 seconds, the remote control automatically exits the configuration mode and stores your selection

6.2 Associating buttons 1 and 2 with a control system receiver

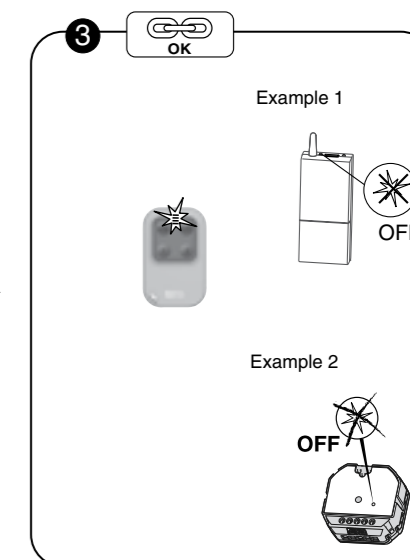
Before associating the 1 or 2 buttons with a control system receiver, you must configure the relevant button or buttons to **Mode D** or **Mode E** (see previous §).



1 Set the receiver to association wait mode (refer to guide).



2 Press and hold the button to associate for 5 seconds. The red LED flashes quickly, switches off then flashes slowly. Release.

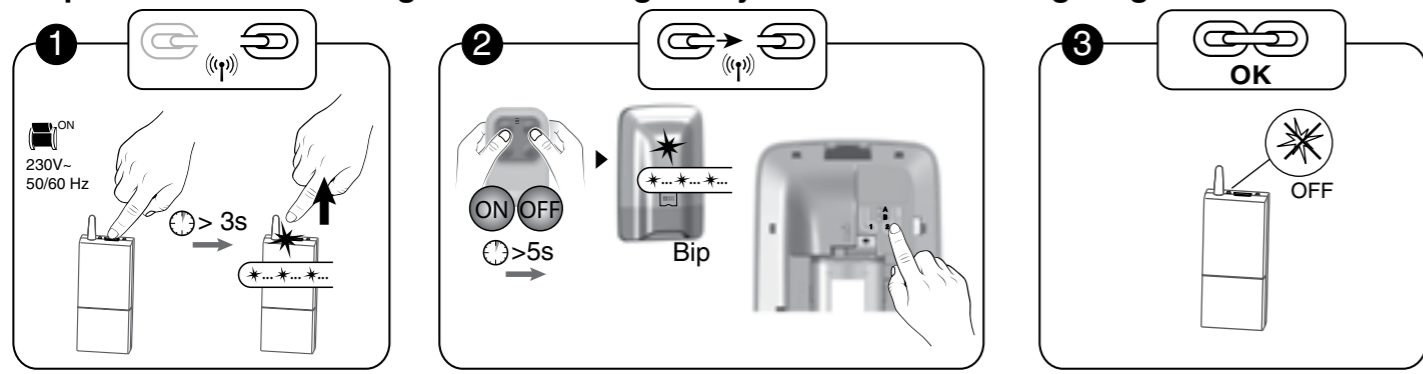


3 The LED lights up green. Make sure that the receiver LED is off.

7. Associate home automation functions

7.1 Associating a control system receiver (e.g. TYXIA 6410)

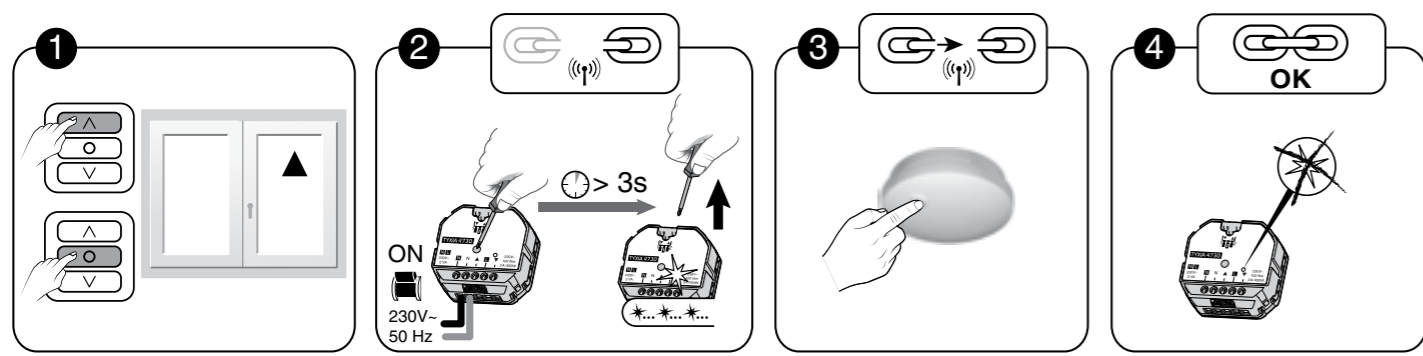
- You want to delay the alarms, status of the system or the operations for activating or deactivating the system via an offset lighting:



- 1** Press the receiver button for 3 seconds until the LED flashes.
- 2** Set the alarm control unit to Maintenance mode, then briefly press button 2.
- 3** Make sure that the receiver LED has stopped flashing. *The products are associated.*

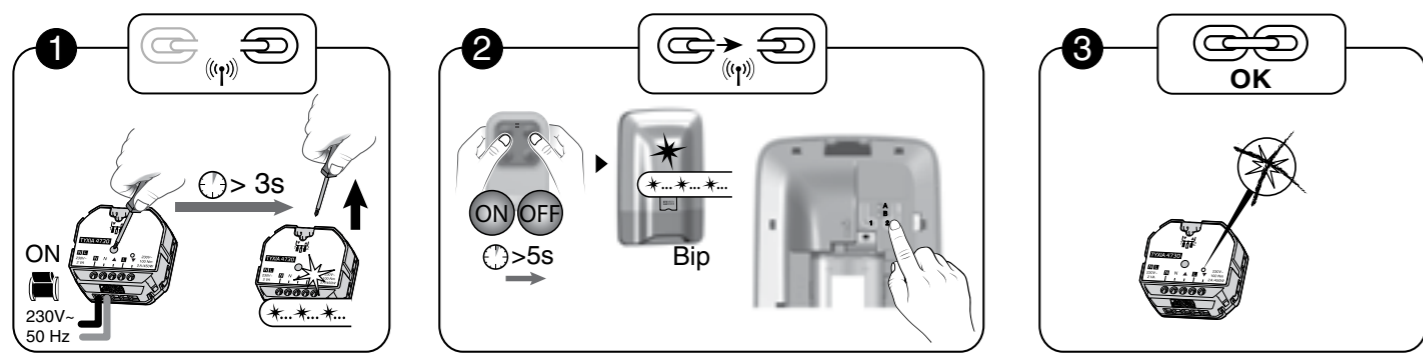
7.2 Associating a roller shutter receiver (e.g. TYXIA 4730)

- You want to control the opening of roller shutters if smoke is detected



- 1** Before you start creating the association, raise the shutter and press STOP.
- 2** Press the receiver button for 3 seconds until the LED flashes.
- 3** Press the button of the detector.
- 4** Make sure that the receiver LED has stopped flashing. *The products are associated.*

- You want the roller shutters to close automatically when the alarm system is switched on

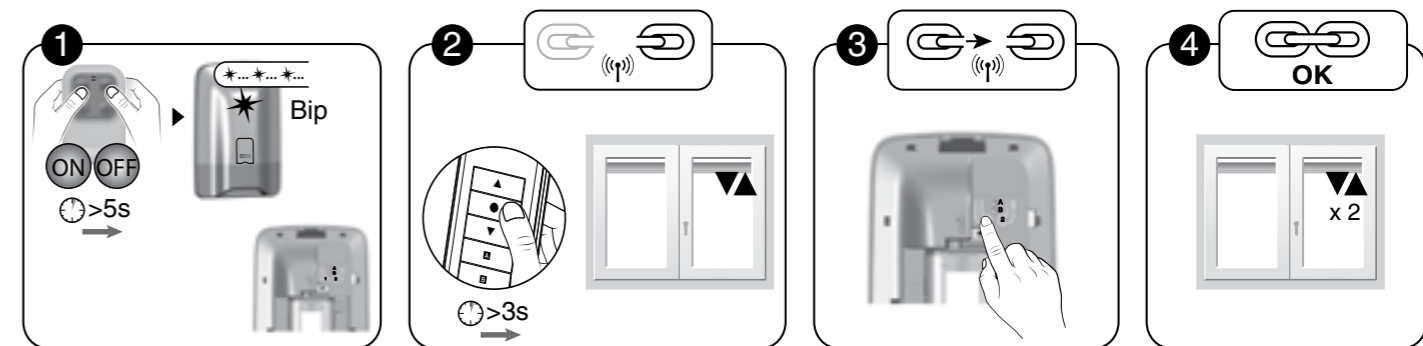


- 1** Press the receiver button for 3 seconds until the LED flashes.
- 2** Set the alarm control unit to Maintenance mode, open it up, then briefly press button 2 of the control unit.
- 3** Make sure that the receiver LED has stopped flashing. *The products are associated.*

7.3 Associating a Rollia wireless roller shutter motor

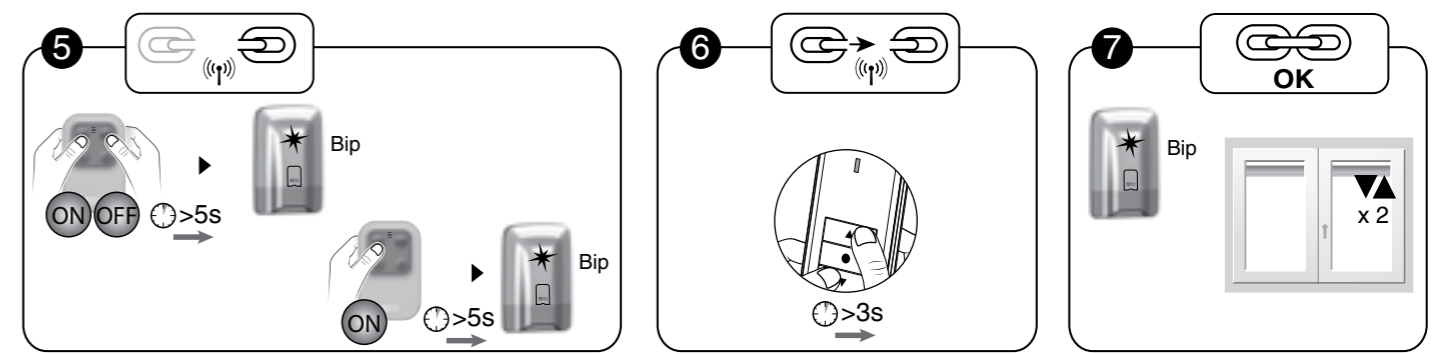
- #### 7.3.1 You want the roller shutters to close automatically when the alarm system is switched on

- Step 1: Associate the control unit with the motor



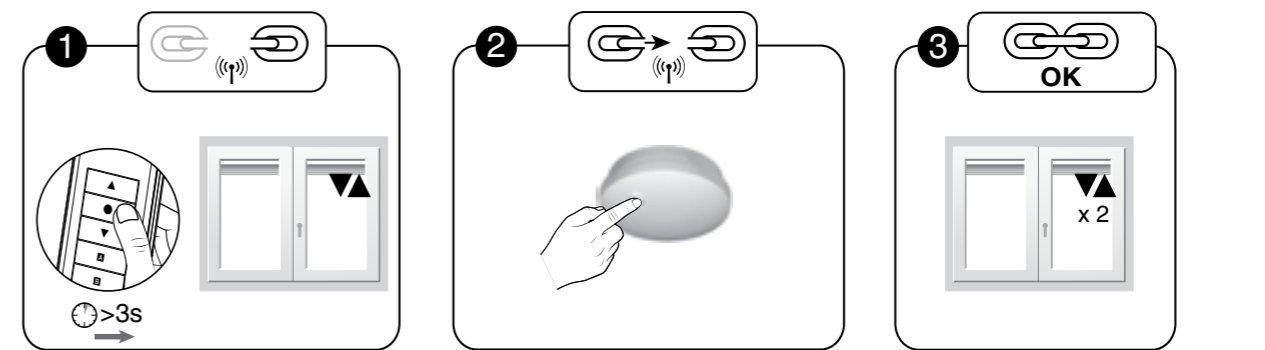
- 1** Set the alarm control unit to "Maintenance" mode, then open it up.
- 2** Set the roller shutter to association wait mode (see user guide).
- 3** Press button 1 on the alarm control unit.
- 4** The motor briefly starts twice.

- Step 2: Confirm the association



- 5** Set the alarm control unit to Maintenance mode, then to "Add product" mode.
- 6** Confirm the association with the remote control of the roller shutter (see its guide).
- 7** The alarm control unit beeps. The roller shutter briefly starts twice.

7.3.2 You want to control the opening of roller shutters if smoke is detected



- 1** Set the roller shutter to association wait mode (see user guide).
- 2** Briefly press the button of the detector.
- 3** The motor briefly starts twice.

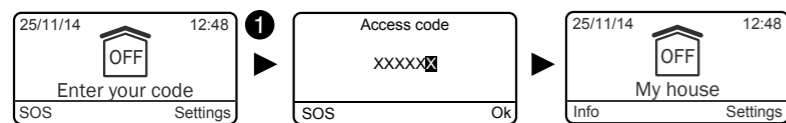
8. Associating a REP TYXAL+ repeater

Used when wireless propagation can be affected (distance, disrupted environment, nature of partitions, etc.), it can repeat the radio signal to remote products.

If the repeater is already associated with the alarm control unit, go directly to step 2.

- Step 1: Associate the repeater with the alarm control unit

- 1 Enter the installer code (123456, by default) and confirm with OK.



- 2 Press Settings, select the menu: Installation > Products, then confirm with OK. The alarm control unit's red LED switches on.

- 3 Select "Add", then confirm with OK.

- 4 Open up the repeater. Briefly press the T1 button of the repeater. The LED changes from red to green.

- 5 The alarm control unit beeps.

- Step 2: Associate a product with the repeater

- 6 The alarm control unit must be in "Add product" mode. Briefly press the T2 button of the repeater. The red LED is on and steady.

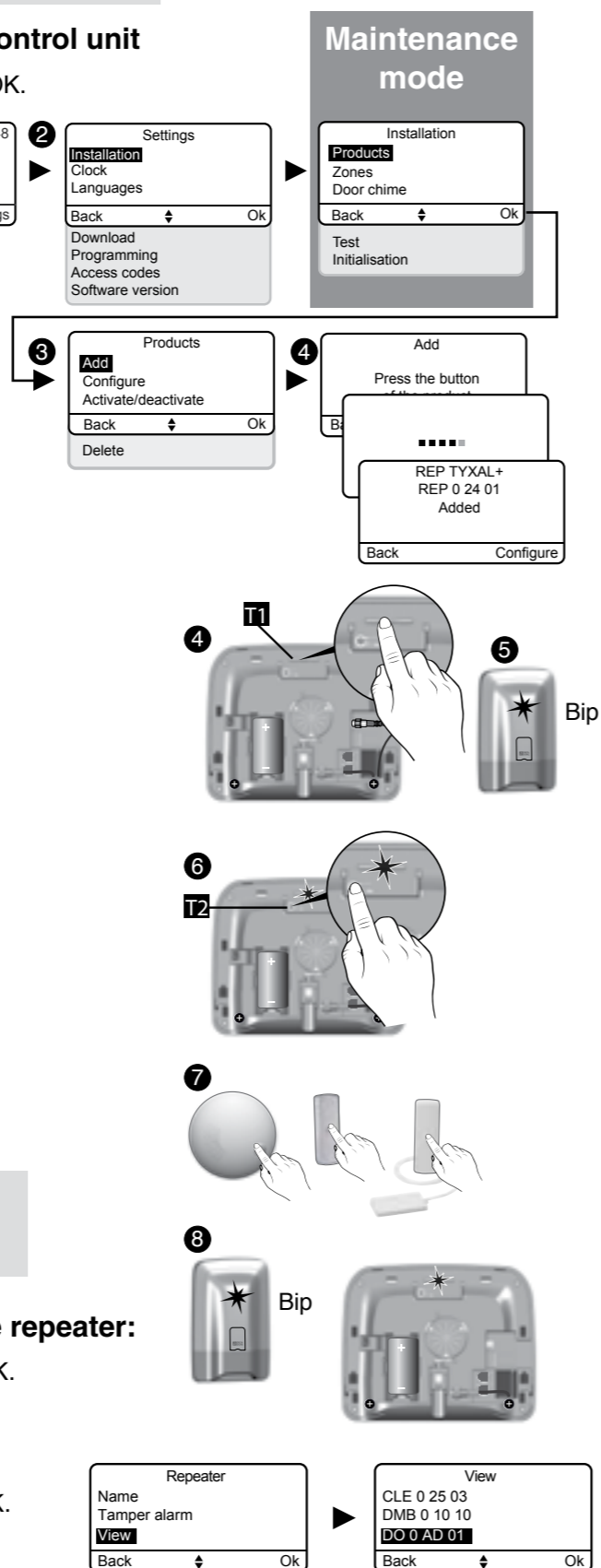
- 7 Press the button of the product to associate (15 at most). Refer to the table in the § Adding products.

- 8 The alarm control unit beeps. The repeater LED will come on briefly. Go back to step 6 to associate another product. Close up the repeater at the end of the association operation.

If you associate a badge reader, you do not need to associate the badges with the repeater. They will not appear in the list of repeated products (see Step 3).

- Step 3: Check the products associated with the repeater:

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: Installation > Products > Configure, then confirm with OK.
- Press the button of the transmitter or select it from the list of products by clicking on "Browse", then confirm with OK.
- Select the "View" menu to display the list of associated products.



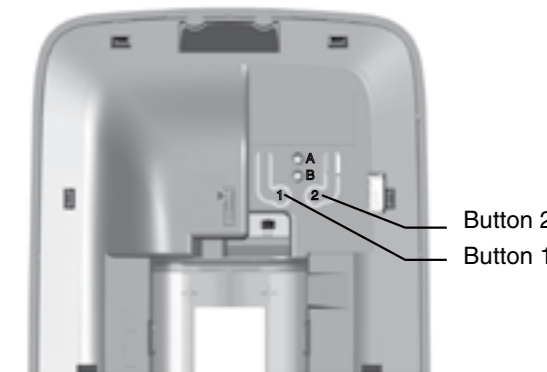
9. Deleting products

9.1 From the CS 8000 TYXAL+ alarm control unit

9.1.1 Delete the control devices

To delete the wireless associations with the control devices: remote controls, keypads, badge readers.

- 1 Set the alarm control unit to Maintenance mode, then open it up.
- 2 Disconnect the battery unit.
- 3 Reconnect the battery unit by pressing button 1. The alarm control unit emits a beep.
- 4 Release.



9.1.2 Deleting all products except the sirens

To delete all wireless associations with the products except the sirens.

- 1 Set the alarm control unit to "Add product" mode (control unit open).
- 2 Press and hold the 1 button for 5 seconds. The alarm control unit beeps.
- 3 Release.

9.1.3 Removing all products

To delete all wireless associations.

- 1 Set the alarm control unit to "Add product" mode (control unit open).
- 2 Press and hold the 1 button for 10 seconds. The control unit emits a beep after 5 seconds, press and hold. The alarm control unit emits a second beep.
- 3 Release.

9.1.4 Deleting the access codes

To delete all access codes. The installer access code is initialised (123456).

- 1 Set the alarm control unit to Maintenance mode, then open it up.
- 2 Disconnect the battery unit.
- 3 Reconnect the battery unit by pressing button 2. The alarm control unit emits a beep.
- 4 Release.

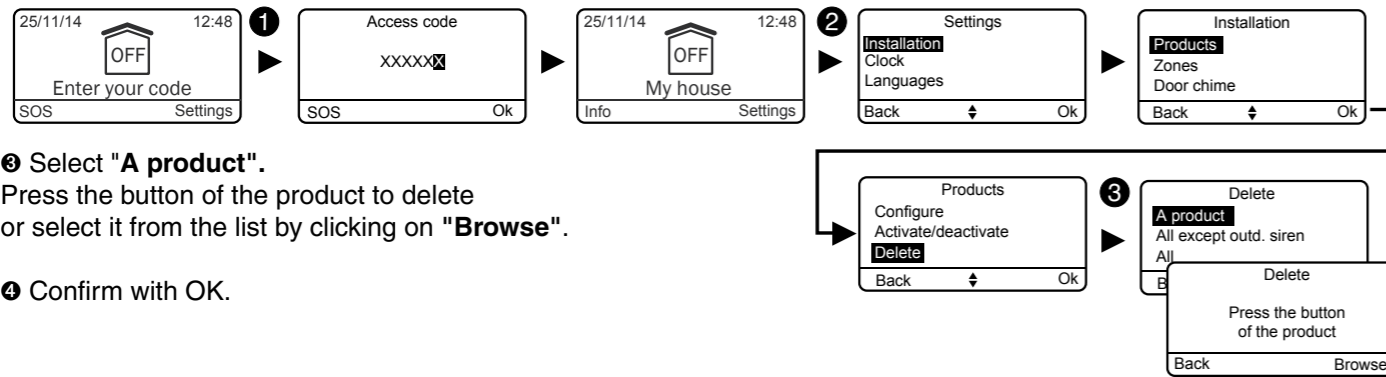
9. Deleting products

9.2 From a CLT 8000 TYXAL+ touch screen keypad

9.2.1 Deleting a product

❶ Enter the installer code (123456, by default) and confirm with OK.

❷ Press **Settings**, then select the menu:
Installation > Products > Delete



❸ Select **"A product"**.
Press the button of the product to delete
or select it from the list by clicking on **"Browse"**.

❹ Confirm with OK.

9.2.2 Deleting all products except the outdoor siren

❶ Enter the installer code (123456, by default) and confirm with OK.

❷ Press **Settings**, then select the menu:
Installation > Products > Delete

❸ Select **"All except outd. siren"**.
A confirmation is requested.

❹ Confirm with OK.

9.2.3 Removing all products

To delete all wireless associations.

❶ Enter the installer code (123456, by default) and confirm with OK.

❷ Press **Settings**, then select the menu:
Installation > Products > Delete

❸ Select **"All"**.
A confirmation is requested.

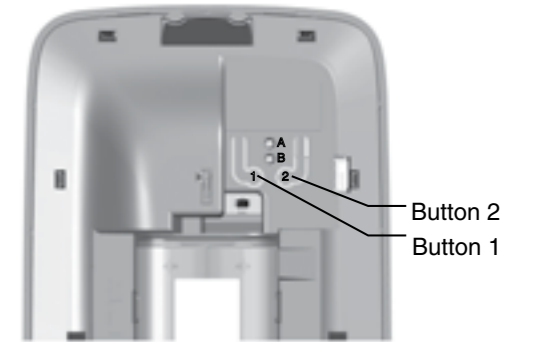
❹ Confirm with OK.

10. Restoring factory settings (Initialisation)

10.1 Initialising the CS 8000 TYXAL+ alarm control unit


This operation deletes all the wireless associations and access codes. The settings are set to their default value.

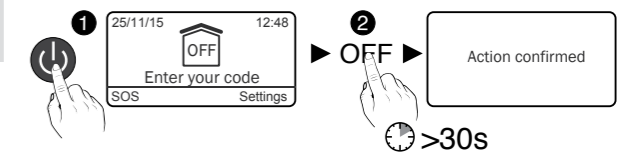
- ❶ Set the alarm control unit to Maintenance mode, then open it up.
- ❷ Disconnect the battery unit.
- ❸ Reconnect the battery unit while simultaneously pressing buttons 1 and 2.
The alarm control unit beeps, LEDs A and B flash simultaneously.
- ❹ Release.



10.2 Initialising the CLT 8000 TYXAL+ touch screen keypad

This operation deletes the association of the keypad with the alarm control unit.

- ❶ Activate the display by pressing the  button.
- ❷ Press and hold the OFF button for 30 seconds.
The screen displays "Action confirmed" after 30 seconds.



10.3 Initialising a TL 2000 TYXAL+ remote control

This operation deletes the wireless associations and the programming of buttons 1 and 2.

- ❶ Put the alarm control unit in Maintenance mode
- ❷ Press the 1 and 2 buttons simultaneously for 5 seconds until the orange LED comes on. Release.
- ❸ Press the OFF button for 30 seconds.
The green LED will come on briefly. The alarm control unit emits a beep.
If the red LED flashes 3 times, the initialisation is rejected.
- ❹ Release.

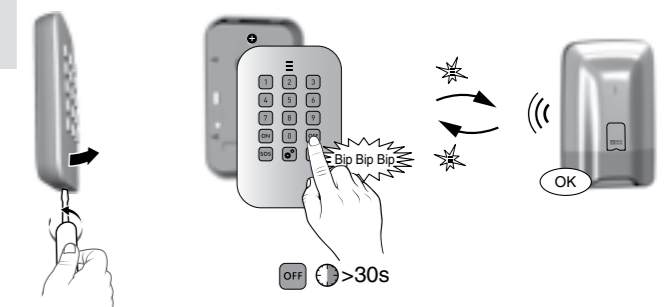


10.4 Initialising a CLS 8000 TYXAL+ simple keypad

This operation deletes the wireless associations and access codes. The installer access code is initialised (123456).

- ❶ Put the alarm control unit in Maintenance mode
- ❷ Separate the product from its base unit.
- ❸ Press the OFF button for 30 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit emits a beep.

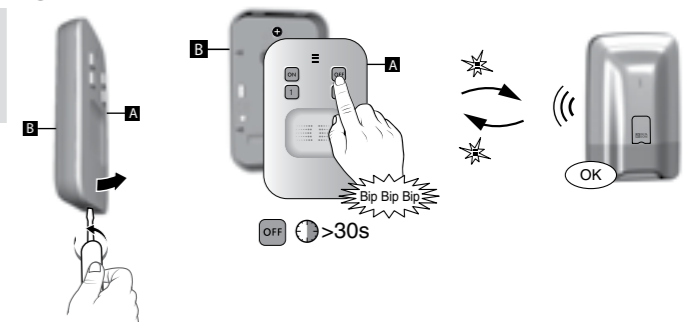
If the red LED flashes 3 times, the initialisation is rejected.



10.5 Initialising a LB 2000 TYXAL+ badge reader

This operation deletes the wireless associations and the programming of buttons 1 and 2.
The associated badges are not deleted.

- ❶ Put the alarm control unit in Maintenance mode
- ❷ Separate the product from its base unit.
- ❸ Press the OFF button for 30 seconds.
The LED changes from red to green to confirm the action.
The alarm control unit emits a beep.
If the red LED flashes 3 times, the initialisation is rejected.



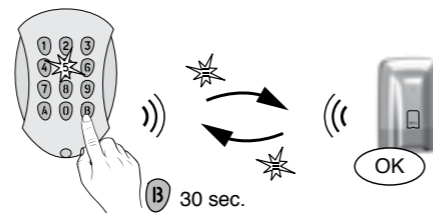
10. Restoring factory settings (Initialisation)

10.6 Initialising a CLE 8000 TYXAL+ outdoor keypad

10.6.1 Deleting the association with the alarm system

This operation deletes the association of the keypad with the alarm control unit.

- Put the alarm control unit in Maintenance mode
- Press and hold the (OFF) button **B** for 30 seconds
The LED (button 5) changes from red to green to confirm the action. The alarm control unit emits a beep.
If the red LED flashes 3 times, the initialisation is rejected.



10.6.2 Deleting the wireless association with the control systems

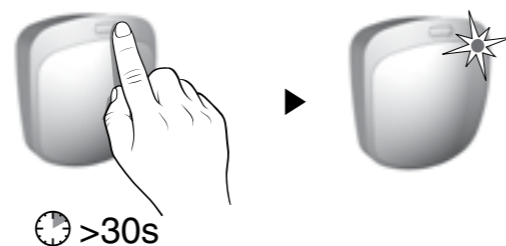
This operation deletes the association of the keypad with the control systems and the access codes (4-digit code or codes).

- Separate the product from its base unit.
- Press the button located inside the keypad for 10 seconds.
The keypad emits a beep when pressed, then a 2nd beep after 10 seconds.
Release. The keypad has no association.

10.7 Initialising a motion detector

This operation is the same for all motion detectors in the range (TYXAL+ DMB, DMBD, DMBV, DME, DMBE).

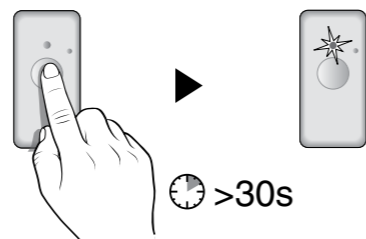
- Set the alarm control unit to Maintenance mode
- Press and hold the button of the product for 30 seconds.
The LED flashes 1 times. The alarm control unit emits a beep.
If the LED flashes 3 times, the initialisation is rejected.



10.8 Initialising a door/window magnetic contact

This operation is the same for the following door/window magnetic contacts: TYXAL+ DO, MDO, DOI PVC

- Set the alarm control unit to Maintenance mode
- Press and hold the button of the product for 30 seconds.
The LED flashes 1 times. The alarm control unit emits a beep.
If the LED flashes 3 times, the initialisation is rejected.



10.9 Initialising a TTRTC TYXAL+ , TTGSM or TYDOM 2.0 telephone transmitter

10.9.1 Initialising the access codes

- Put the alarm control unit in Maintenance mode
- Open up the transmitter.
- Press the T2 button for 15 seconds.
After 5 seconds, the transmitter emits 1 beep, keep holding the button down.
After 15 seconds, the transmitter emits 2 beeps, release. The alarm control unit emits a beep.

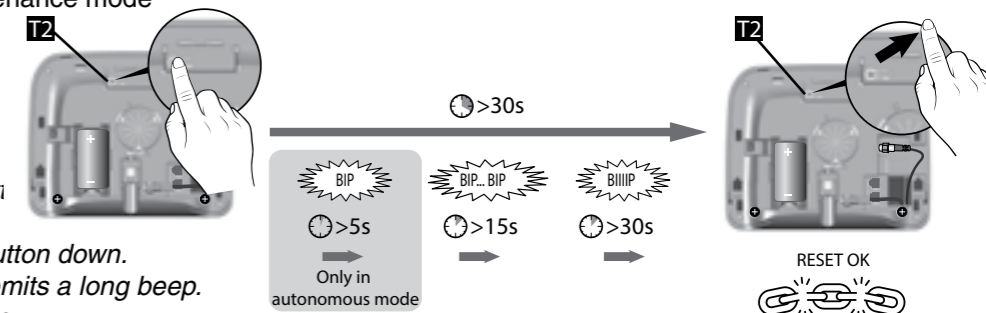
The access code is initialised (123456).



10.9.2 Full initialisation of the transmitter

This operation deletes the associations, the faults in progress and the access code (set to its default value).

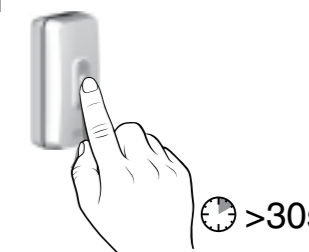
- Set the alarm control unit to Maintenance mode
- Open up the transmitter.
- Press the T2 button for 30 seconds.
After 5 seconds, the transmitter emits 1 beep, keep holding the button down.
After 15 seconds, the transmitter emits 2 beeps, keep holding the button down.
After 30 seconds, the transmitter emits a long beep.
The alarm control unit emits a beep.



10.10 Initialising a mains power failure detector

This operation deletes the wireless associations.

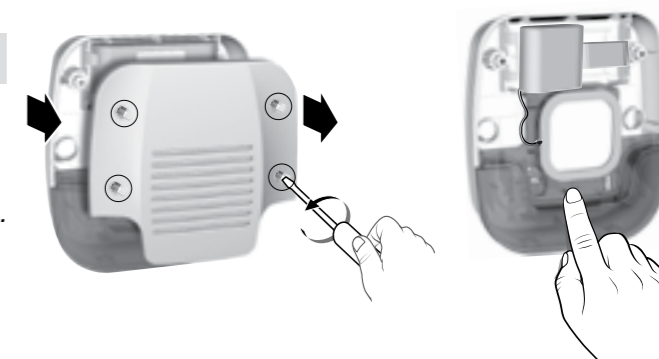
- Put the alarm control unit in Maintenance mode
- Press and hold the button of the product for 30 seconds.
The LED flashes 1 times. The alarm control unit emits a beep.



10.11 Initialising an outdoor siren

This operation deletes the wireless associations.

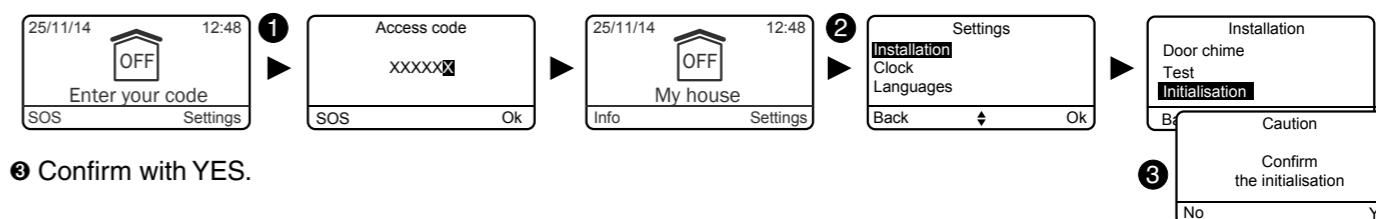
- Set the alarm control unit to Maintenance mode
- Open up the outdoor siren and press the buttons for 30 seconds.
The LED flashes after 5 seconds, keep holding the button down.
After 30 seconds, the LED flashes.
The alarm control unit emits a beep.



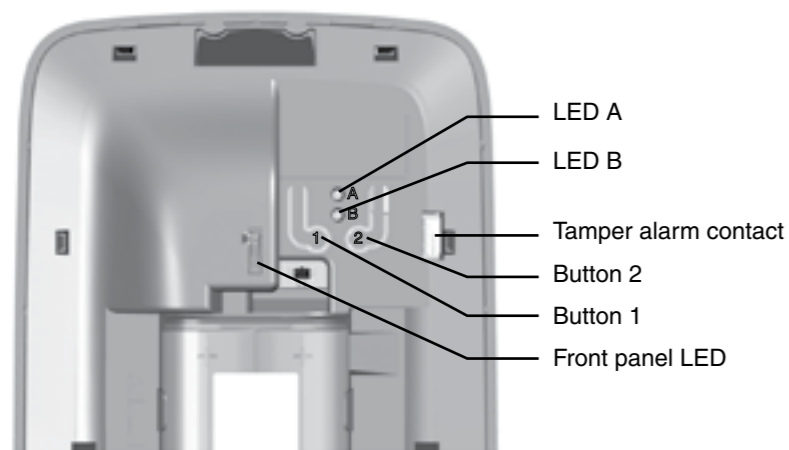
10.12 Full initialisation from a touch screen keypad

This operation deletes all the wireless associations of the installation, and all the settings of the installation entered on the keypad (restoration of factory settings).

- Enter the installer code (123456, by default) and confirm with OK.
- Press **Settings**, then select the menu:
Installation > Initialisation
- Confirm with YES.



11. Summary of LEDs, buttons and audible signals



The alarm control unit can only be opened if it is in maintenance mode (or without any association), otherwise a tamper alarm will be triggered.

11.1 LED operation

	Front panel LED	LED A	LED B
Command accepted (*)	Green for 1 second		
Command denied (*)	Flashing red for 2 seconds		
Alarm control unit in maintenance mode	Red flashing		
Alarm control unit in Add product mode	Red on		
Blank alarm control unit	Red flashing	Red flashing	Red flashing
Battery error		Red on	
Monitoring error			Red on

(*) Request for activation or deactivation (total or by zone) or switch to maintenance mode.

11.2 Button operation

	Button 1		Button 2	
	Condition	Action	Condition	Action
Events cleared	Alarm control unit in maintenance mode	Press and release		
Control devices deleted	Connection to battery unit with button pressed. As soon as the alarm control unit beeps, release.			
All products except the sirens deleted	Alarm control unit in Add product mode	Press for 5 seconds		
All products deleted	Alarm control unit in Add product mode	Press for 10 seconds		
Access codes deleted			Press and release while reconnecting the battery unit	
Total initialisation	Battery unit connected with buttons 1 and 2 simultaneously pressed down. As soon as the alarm control unit beeps, release.			
Siren test	Alarm control unit in maintenance mode	Press for 5 seconds		
Association with a control system receiver			Alarm control unit in maintenance mode	Press and release

11.3 Audible signals

	Conditions	Signal type
Earcon	• If a door is opened or a presence is detected in a room	"Ding Dong" special tone
Warning	• Notice of automatic operation • Entry into a monitored zone	Beep.... beep.... beep.... beep....
Switch to Maintenance mode	• For each switch to Maintenance mode.	Brief siren + call cycle
Problem Beeps (Action rejected)	• Action rejected (association, switch to maintenance mode or exiting the mode, total or by zone on or off command, etc.). The events on the touch screen keypad must be viewed (Info menu).	Beep beep beep beep beep...
Action confirmed	• Action confirmed (association, removal, test, activation or deactivation command (total or by zone), etc.)	Short beep
Product deletion	• All products are deleted	Long beep
Intruder alarm	• For any intruder detection • For any sabotage attempt (tamper alarm)	Intrusion siren
Smoke alarm	• If smoke or any other fumes due to a fire hazard are detected.	Specific fire tone
Emergency alarm with siren	• Triggered by pressing the SOS button of a simple keypad, button 1 or 2 of a remote control or badge reader (if programmed as such) or on the SOS button on a touch screen keypad.	Specific audible SOS tone
discreet emergency alarm	• Triggered by a specific code (duress code) of a simple or touch screen keypad, the button 1 or 2 of a remote control or a badge reader (if programmed as such).	Discreet telephone call
Technical error	• As soon as a technical defect arises.	Specific technical alarm tone

12. Replacing the batteries

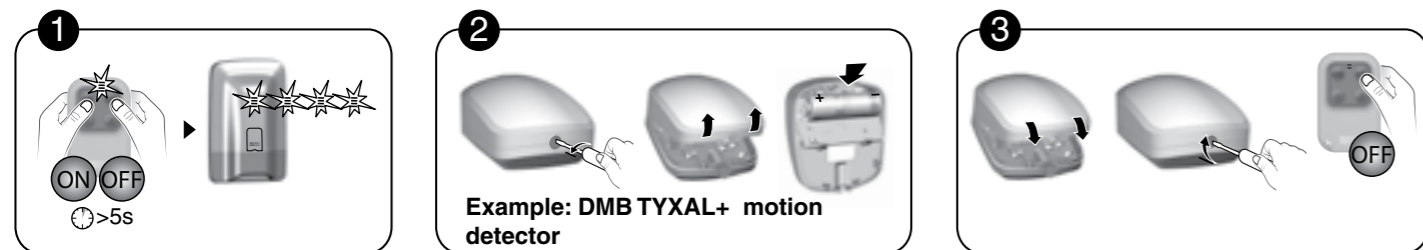
When the batteries of one of the products have run out, you will be notified when activating or deactivating the system by a series of beeps (problem beeps).

You can identify the relevant product by using the "Info" menu of the CLT 8000 TYXAL+ touch screen keypad.

Each product also indicates separately when its batteries have run out:

- the detector LEDs flash whenever the system detects something or someone,
- the remote control LED flashes each time it is pressed,
- The "⚠" symbol is displayed on the screen of the touch screen keypad,
- the transmitter announces "battery defect" with its voice synthesis system.

You must follow the procedure described below to replace the batteries of one of the system's products:



- ➊: Switch the alarm control unit to maintenance mode ➔ ➋: Open up the product and replace the battery or battery unit(s) ➔ ➌: Close up the product and exit the maintenance mode

Some products use specific battery units, available in the Delta DORE catalogue:

Relevant product or products	DELTA DORE P/N	Description
• CS 8000 TYXAL+ siren alarm control unit • Si TYXAL+ indoor siren	6416222	BP CS8000-Si TYXAL+
• CLT 8000 TYXAL+ touch screen keypad	6416223	BP CLT 8000 TYXAL+
• DMBV TYXAL+ video motion detector	6416224	BP DMBV TYXAL+
• DMBD TYXAL+ dual technology motion detector	6416226	BP DMBD TYXAL+
• SEF TYXAL+ outdoor siren	6416225	BP SEF TYXAL+
• DME and DMBE TYXAL+ outdoor motion detectors	6416227	BP DME DMBE TYXAL+

The 10-year battery life of the batteries and battery unit of the system is related to the use of the following products.

It has been calculated for normal use, described below:

Equipment

- 1 CS 8000 TYXAL+ alarm control unit
- 3 control devices (TL 2000 remote control, CLS 8000 TYXAL+ simple keypad, CLT 8000 TYXAL+ touch screen keypad or the LB 2000 TYXAL+ badge reader).
- 4 different products (motion detector, door/window magnetic contact, outdoor siren or telephone transmitter of the TYXAL+ X3D range)

Use

- 2 activations/day
- 3 opening or closing operations/day
- 5 alarm cycles of 270 seconds (3x90sec)/year with all sirens set off + 5 transmitter calls
- Outdoor siren and siren control unit without confirmation ON/OFF, intermediate siren level,
- Motion detector: 5 hours use per day
- Video motion detector: 1 confirmation request per month
- Remote control with no home automation function
- Telephone transmitter with no remote monitoring, auto attendant not enabled.
- Normal temperature (between 15 and 25°C).
- Door chime disabled
- Touch screen keypad set to average brightness

DELTA DORE shall not be held liable for an premature wear on the batteries due to any use not compliant with the one described above.

Lithium battery precautions

The devices of the TYXAL+ range use Lithium batteries.

1 – Storage condition:

Store in a cool (preferably < 30°C), dry, well-ventilated place. Keep away from any sources of moisture, heat, open flames. Keep the batteries in the original packaging until they are used. Do not store in bulk. Do not exert any force that may cause a deformation.

2 – Handling:

Do not mix batteries of different models or different brands. Do not mix new and used batteries. Do not heat or weld directly. Do not disassemble. Lithium-thionyl chloride batteries cannot be recharged and must never be recharged.

3 – Installation and replacement:

Only install new batteries in a single device that have the same date code, from the same manufacturer and having the same type. Properly align the poles of the batteries when installing them. Follow the recommendations regarding the maximum intensity of currents and operating temperature range.

4 – Disposal:

Dispose in compliance with the regulations in force.

5 – Safety:

Do not short circuit. Do not recharge. Do not pierce. Do not incinerate. Do not crush. Do not expose internal components to water. Do not force the discharge. Do not expose to temperatures greater than 100°C.

13. Troubleshooting

This section is intended to help you quickly solve the most common problems that you may encounter with your alarm system when installing or using it. All the events can be viewed in the Histories menu. If in doubt, if the problem persists or if it is not in this list, please contact our customer service:

Mistriggering of the intruder alarm due to a detector

- **Motion detector**
- Make sure that there is nothing interfering with the detection field (animal, vent, heating, strong draught, fireplace, etc.), otherwise move the detector.
- If you have a pet, check that your detector is equipped with the "animal specific" lens.
- Check that your pet or pets fall within the use template (refer to detector guide), otherwise use a perimeter protection system (door/window magnetic contact) to monitor this zone. Please consult us if you are in any doubt

Door/window magnetic contact

- Make sure that detector and the magnet part are not too far apart (see detector guide).
- If the entry is subject to vibration that is too great: replace the door/window magnetic contact with a motion detector.

If the problem persists, you can disable the faulty detector using the Activate/deactivate menu.

Other problems on a detector

- **When you enter the protected premises, the alarm is triggered immediately and you don't have the time to access a keypad to stop the system.**
 - The detector(s) protecting the access to the keypad are not in the "delayed triggering" position.
- **Whenever the system detects something or someone (passing in front of a motion detector or opening of a protected entry), the detector emits a series of flashes.**
The batteries must be changed.

The alarm control unit refuses to associate a product

- **You have reached the maximum number of products for this type.**
- **The alarm control unit has no associations and you try to associate a product that is not a "control device".**
Start by associating the first control device.
- **The product is too far from the alarm control unit.**
Bring the product closer so it can be associated with the alarm control unit.
Add a repeater if necessary.

You have lost the access code

Initialisation of all access codes

- ➊ Set the alarm control unit to Maintenance mode,
- ➋ Open up the alarm control unit,
- ➌ Disconnect the battery unit,
- ➍ Press button 2 while reconnecting the battery unit,
- ➎ Release button 2
The installer code is set to 123456.
The user or restricted codes must be reprogrammed.

Mistriggering of the tamper alarm of a product

- Check that the casing of the unit is properly closed or that it does not undergo strong vibrations.
- Check that the rubber part inside the product is correctly positioned.

You cannot activate the system

- **There is a tamper alarm problem on one of the installation's products.**
- Check the tamper alarms.
- **The batteries of one of the products are dead**
- **A door or window remained open**
- **Monitoring problem**

You can override the system activation.

All the control devices are deactivated

- **You must associate a new control device.**
 - ➊ Open up the alarm control unit. Be careful of the siren.
 - ➋ Disconnect the battery unit.
 - ➌ Press button 1 while reconnecting the battery unit.
 - ➍ Release button 1.
 - ➎ Associate a new control device.

The alarm control unit refuses to exit Maintenance mode

- **Tamper alarms are in progress.**
Check the products and/or refer to the TYCAL+ CLT 8000 touch screen keypad to check the product causing the problem.

Problem in a zone

- **A zone of the system activates by itself.**
You have declared this zone to be a common zone.
- **An "other" zone is displayed on the screen**
One or more detectors have not been attributed to a specific zone (see § "How does your alarm system work?").

The control unit emits a series of beeps each time it is activated or deactivated

- **Monitoring defect**
The control unit is no longer receiving messages from a product.
 - Refer to the Info menu of the touch screen keypad to identify the nature of the defect.
 - Check the status of the products.

The touch screen keypad occasionally displays "Download"

- **This is an automatic update.**
This appears occasionally if the keypad has not been used recently or if you have made a few changes to the installation.

Monitoring problem

- Test the radio link (see § Test).

A problem arises during the test

- **The test under operating conditions does not work**
Wait for 2 minutes before triggering the detection process again
- **You cannot test an intrusion detector**
Check that the control unit is in Test mode (see § Testing the installation)

Problem with associating a CLT 8000 TYXAL+ touch screen keypad

- **After activating the display, the screen does not show: "No control unit associated"**
OR
You have initialised the alarm control unit. When associating the first control device, the CLT 8000 TYXAL+ touch screen keypad does not prompt: "to associate, press ON for 5 seconds"
Initialise the keypad (see § "Restoring factory settings").

You cannot shut down the system via the installer code

- The system was activated, either:
 - via a user code,
 - via a restricted code,
 - by a TL 2000 TYXAL+ remote control or a LB 2000 TYXAL+ badge readerUse one of these items to shut down the system. The installer code can shut down the system only if the system was activated by this installer code.

You regularly encounter activations being denied for the system or the transmitter calls for a monitoring defect

- Some events (e.g. GSM line defect) occur and prevent the activation.
Check the defect management mode and set it to "Optimum" if necessary.

14. Technical characteristics

CS 8000 TYXAL+ siren alarm control unit

- Power supply: Lithium battery unit 3.6 V/26 Ah
- Class III insulation
- Stand-by consumption 10 µA max.
- Average consumption in transmission mode 25 mA max.
- Average consumption in alarm mode 1.4 A max.
- 10 year battery life depending on use (refer to Chapter "Replacing the batteries")
- Low battery voltage: < 2.7 V
- Radio frequencies 868.95 MHz and 868.30 MHz (standard EN 300 220)
- Class 1 radio equipment (can be marketed and activated without restrictions)
- Wireless range: 100 to 300 metres outside, variable depending on the associated equipment (the range can vary depending on the installation conditions and the electromagnetic environment)
- Wireless alarm equipment
- Environmental class I
- 1,000,000 possible codes
- Maximum number of associated products: 50
- Number of events recorded: 1250
- Sound level at 1 m: 109 dBA +/-2
- Tamper alarm when opened or removed
- Indoor use only
- Protection index: IP40 - IK06
- Operating temperature: +5°C to +40°C
- Storage temperature: -10°C to +70°C
- Humidity range: 75%
- Dimensions: 176 x 268.5 x 59.5 mm
- Weight (with batteries): 900 gr.
- Applicable standards EN 50131-1 grade 2, EN 50131-5-3, RTC 50131-3, EN 50131-4, RTC 50131-4, EN 50131-6, RTC 50131-6.
- Sealing possible by polymerising label 12.7 x 25.4 (tamper proof) - P/N 1730066

TL 2000 TYXAL+ remote control

- Power supply: Lithium battery - CR2430 - 3 V
- Class III insulation
- Stand-by consumption 0.6 µA max.
- Average cons. in transmission mode 23 mA max.
- 10 year battery life depending on use (refer to Chapter "Replacing the batteries")
- Radio frequencies 868.95 MHz and 868.30 MHz (standard EN 300 220)
- Class 1 radio equipment (can be marketed and activated without restrictions)
- Wireless range: 100 to 300 metres outside, variable depending on the associated equipment (the range can vary depending on the installation conditions and the electromagnetic environment)
- Wireless alarm equipment
- Environmental class 2
- Protection index: IP32
- Operating temperature: -10°C to +55°C
- Storage temperature: -10°C to +70°C
- Humidity range: 75%
- Dimensions: 42 x 65 x 8 mm
- Weight (with batteries): 25 gr.
- Applicable standards EN 50131-3 grade 2, RTC 50131-3, EN 50131-6, RTC 50131-6.

CLT 8000 TYXAL+ touch screen keypad

- Power supply: Lithium battery unit - LS 14500 - 3 x 3.6 V/7.8 Ah
- Class III insulation
- Stand-by consumption <10 µA max.
- Average consumption in transmission mode 120 mA max.
- 10 year battery life depending on use (refer to Chapter "Replacing the batteries")
- Radio frequencies 868.95 MHz and 868.30 MHz (standard EN 300 220)
- Class 1 radio equipment (can be marketed and activated without restrictions)
- Wireless range: 100 to 300 metres outside, variable depending on the associated equipment (the range can vary depending on the installation conditions and the electromagnetic environment)
- Wireless alarm equipment
- Environmental class 2
- Tamper alarm when opened or removed
- Indoor use only
- Protection index: IP31 - IK06
- Operating temperature: -10°C to +55°C
- Storage temperature: -10°C to +70°C
- Humidity range: 75%
- Dimensions: 89 x 168 x 28 mm
- Weight (with batteries): 270 gr.
- Applicable standards EN 50131-3 grade 2, RTC 50131-3, EN 50131-6, RTC 50131-6.

DMB TYXAL+ motion detector

- Power supply: Lithium battery - LS 17500 - 3.6 V
- Class III insulation
- Stand-by consumption 5 µA max.
- Average cons. in transmission mode 26 mA max.
- 10 year battery life depending on use (refer to Chapter "Replacing the batteries")
- Radio frequencies 868.95 MHz and 868.30 MHz (standard EN 300 220)
- Class 1 radio equipment (can be marketed and activated without restrictions)
- Wireless range: 100 to 300 metres outside, variable depending on the associated equipment (the range can vary depending on the installation conditions and the electromagnetic environment)
- Wireless alarm equipment
- Environmental class 2
- Tamper alarm when opened or removed
- Protection index: IP30 - IK04
- Operating temperature: -10°C to +55°C
- Storage temperature: -10°C to +70°C
- Humidity range: 75%
- Dimensions: 67.8 x 77.3 x 45.3 mm
- Weight (with batteries): 90 gr.
- Applicable standards EN 50131-1 grade 2, EN 50131-2-2, RTC 50131-2-2



Delta Dore hereby declares that the equipment complies with the essential requirements and other relevant provisions of R&TTE directive 1999/5/EC.

The CE conformity declaration for this equipment is available on request from:
Service "Infos techniques"
DELTA DORE - Bonnemain - 35270 Combours (France)
E-mail: info.techniques@deltadore.com

