

Pack TYXAL+

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EN Quick installation guide

Thank you for purchasing this DELTA DORE alarm pack.

This quick installation guide provides you with the basic installation instructions for your products. Refer to the system guide for an advanced installation of your Pack.

The Pack TYXAL+ comprises:

- 1 CS 8000 TYXAL+ siren control unit
- 2 TL 2000 TYXAL+ remote controls
- 2 DMB TYXAL+ motion detectors
- 1 CLT 8000 TYXAL+ touch screen keypad



Siren control unit

The control unit is the heart of the system and manages all the information exchanged between products. It sets off the indoor siren in the event of an alarm.



Touch screen keypad

It is an essential component and is used for all the control actions of the installation. With its access code, it enables the system to be activated or deactivated totally or by zone. Wall-mounted, it informs you of the system's status.

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



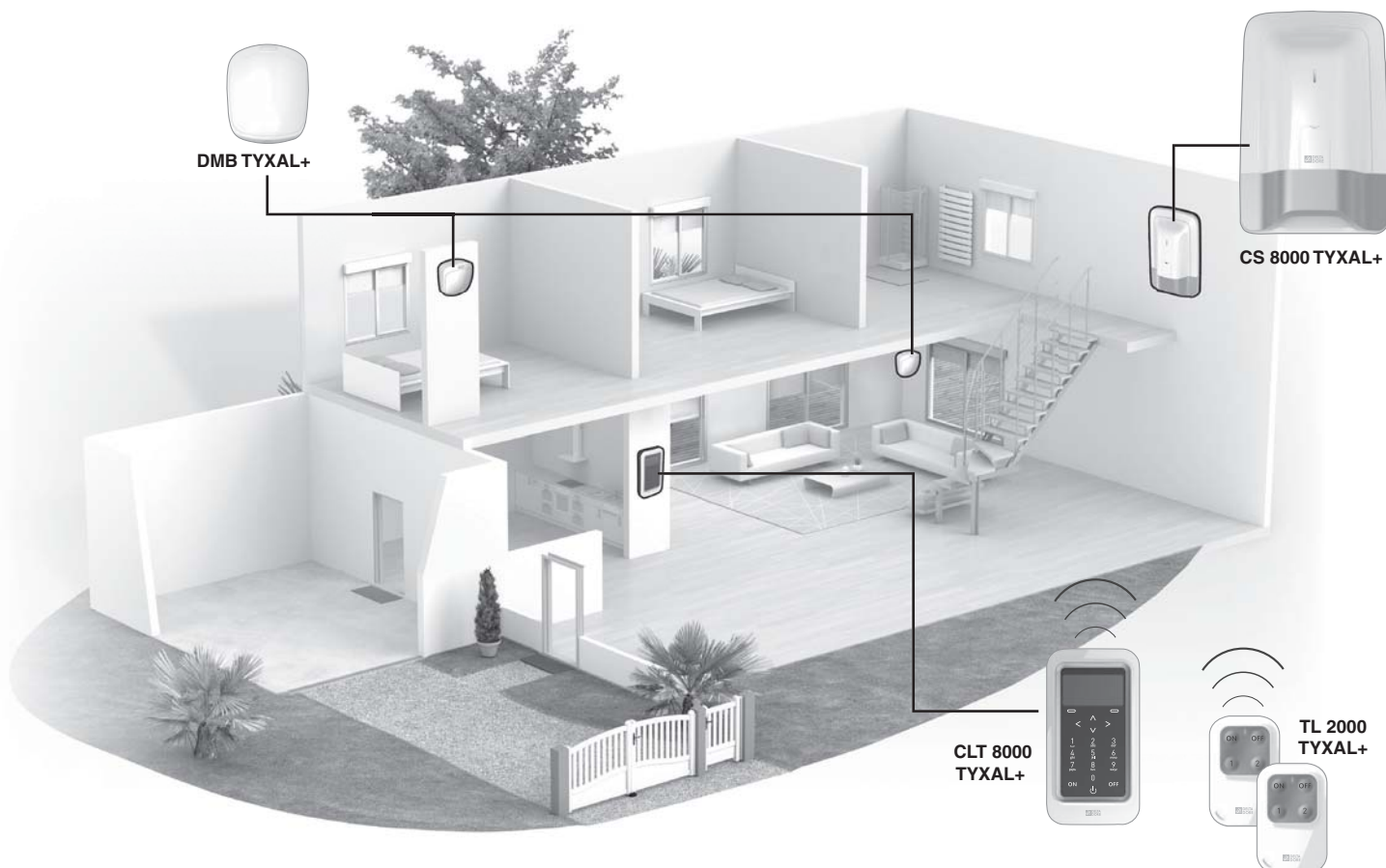
4-button remote controls

These enable 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).



Motion detectors

Wall-mounted, they detect any person moving in the room where they are installed and report this to the control unit. The "standard" lens can be replaced with an "animal" lens (supplied with the product).



The products in the Pack TYXAL+ were associated in the factory so as to make them easier to install.

1

Installing and mounting the products

starting with:

- the CS 8000 TYXAL+ siren control unit
- the CLT 8000 TYXAL+ touch screen keypad
- the DMB TYXAL+ motion detectors

The TL 2000 TYXAL+ remote controls can be programmed (functions of buttons 1 and 2) and associated with the control of control systems

2

Close the alarm control unit

3

Adding additional products (if necessary)

Products that are not part of the Pack TYXAL+ must be associated with the system:

- intruder detectors and technical detectors,
- keypad, badge reader, remote controls, etc.,
- indoor or outdoor siren, telephone transmitter, etc.,

To do this, refer to the "Adding products" chapter of the system guide.

4

Personalising the installation and products (see system guide).

- Naming the products
- Managing the operating zones
- Creating installer and user access codes. We strongly recommend that you create your own code (123456 on activation).
- Adjusting advanced settings...

For more detailed explanations, refer to the system guide.

5

Testing the installation

6

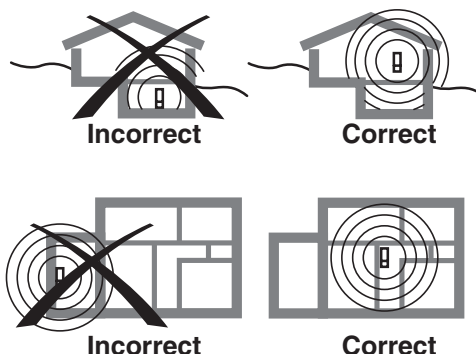
Overview of your installation

1 Installing and mounting the products

1.1 CS 8000 TYXAL+ control unit

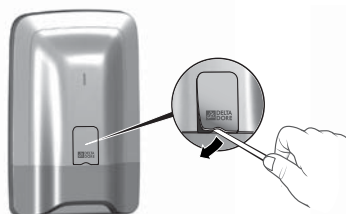
• Location

- 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



• Mounting

1 Separate the parts



Remove protective tab



Unscrew



Separate the base from the siren by pushing up and pulling toward you.



Separate the control unit from the base.

2 Fit the mounting bracket

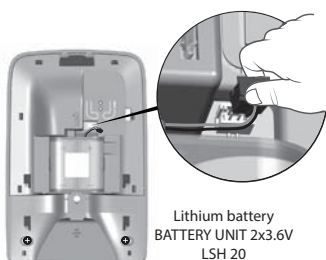
B = Tamper alarm on opening. Important: do not damage this part of the support (required for the tamper alarm). Screw back with care.

Mark and drill holes (A, B, C and D)

Fit the mount (screws A and B) to the wall (do not fit screws C and D at this point).

Fit the base back on to the mounting bracket and secure it with the screws (C and D).

3 Connect the battery unit



1.2 CLT 8000 TYXAL+ touch screen keypad

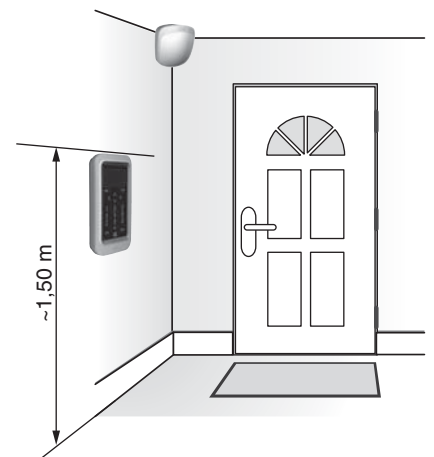
• Location

It is advisable to install the touch screen keypad inside near one of the main entrances, if possible protected by an intrusion detector (e.g. DMB TYXAL+)

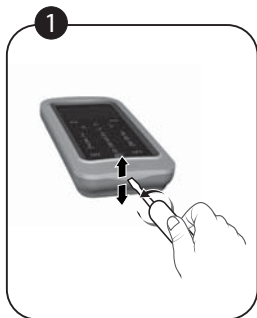
The user must have easy access and it can be mounted on a wall at a height of 1.50 m.

Avoid proximity with metal surfaces or an electrical switchboard.

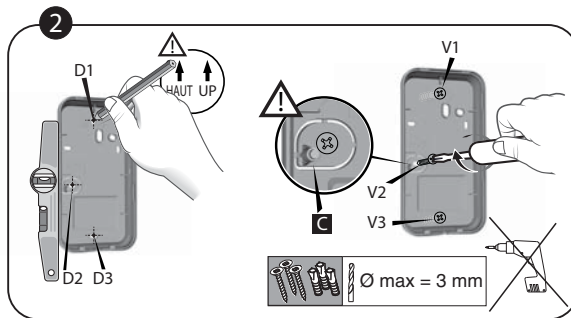
Important: if the touch screen keypad is protected by a detector (door/window or motion), you must use a delayed triggering for the detector when activating it.



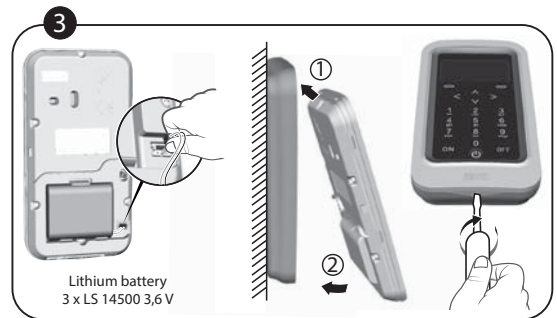
• Mounting



❶ Separate the 2 parts of the unit.



❷ Mark and drill holes D1, D2 and D3. Mount the base using screws V1, V2 and V3. Do not damage or lose the rubber part (required for the tamper alarm).



❸ Fit the battery unit, observing the right polarity. Close and lock the unit.

1 Installing and mounting the products

1.3 DMB TYXAL+ motion detector

DMB TYXAL+ uses infrared (heat) to detect any moving presence in the room.

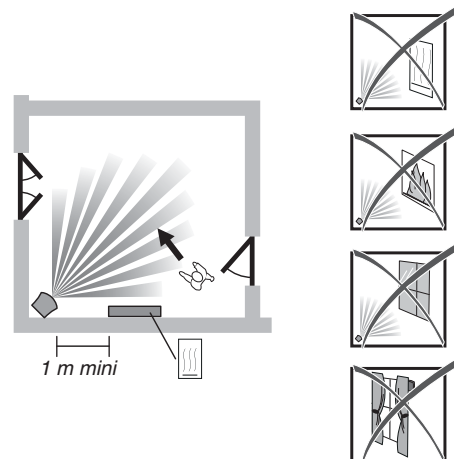
It has 2 removable lenses:

- no. 1: standard (fitted on the product supplied).
- no. 2: animal immunity (does not detect animals of a certain size, or household appliances such as robot vacuum cleaners).

• Location

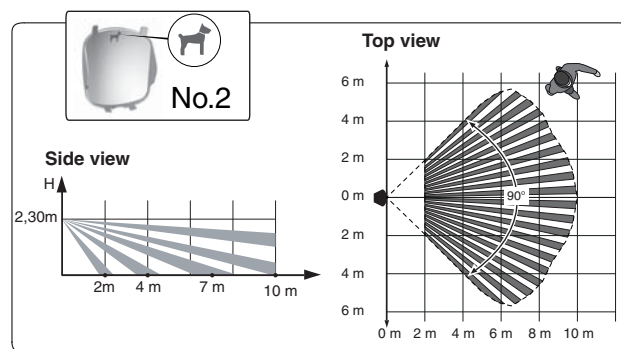
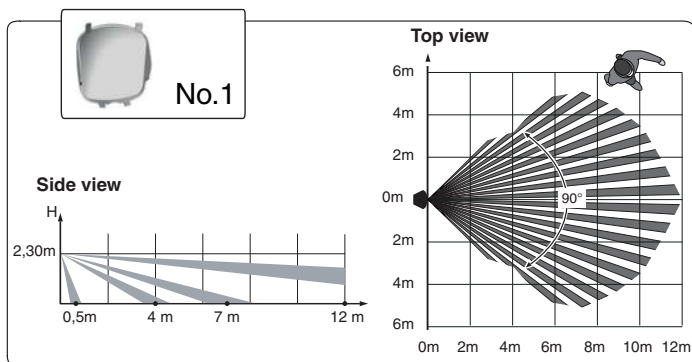
The motion detector must preferably be placed in a corner:

- prevent any source of heat or motion of a hot body nearby (convector, fireplace, ...),
 - the field of detection must be clear of any obstacles (curtain, cupboard, etc.),
 - the detector must not be pointing at an opening to the outside (window),
 - you can cross the beams of 2 detectors,
 - the detector must be installed between 2.20 m and 2.40 m from the floor.
- For a greater height, use a RO DMB ball joint (unless with the animal immunity lens).



• Field of detection/Restrictions

The fields of detection below are given for a temperature of 19°C and person of average body size.

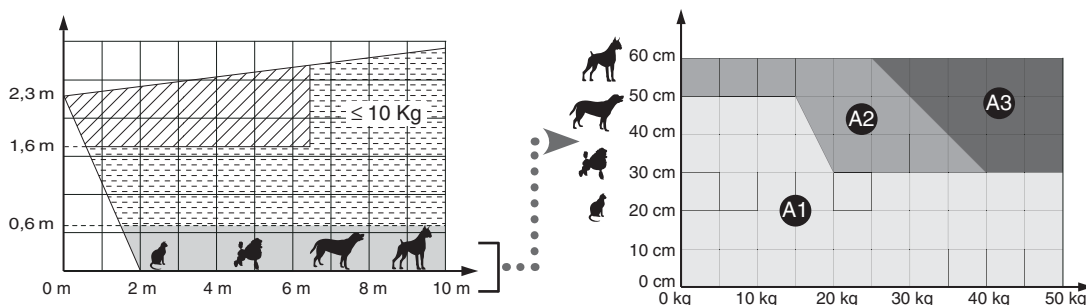


• Animal immunity



- ▨ Zone not authorised for animals
- ▤ Zone authorised for animals ≤ than 10 kg
- Zone authorised for animals (see details A1, A2, A3)

If there are several animals, add their weights together.



Fur authorised zone A

	A1	A2	A3
Long coated	✓	✓	✓
Medium coated	✓	✓	-
Short coated	✓	-	-

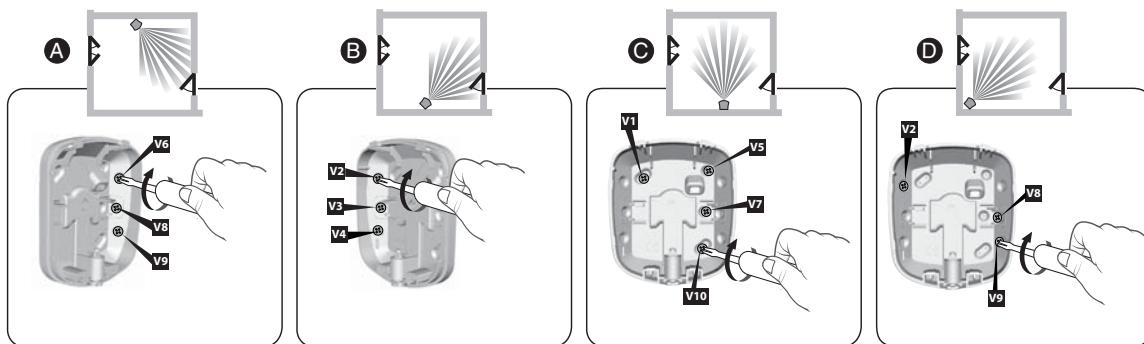
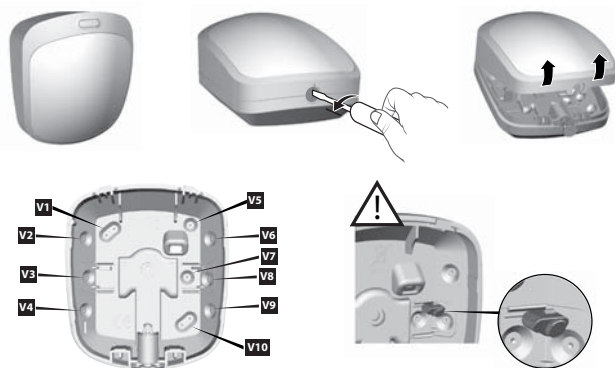
Example 1: a French bulldog weighing 15 kg and 25 cm tall is in zone A1. It is a short coated dog, and will not be detected.

Example 2: a Doberman weighing 30 kg and 50 cm tall is in zone A2. It is short coated dog, and will be detected.

• Mounting

- Open the unit
- Mark and drill the holes according to the location of the detector (see below **A**, **B**, **C** or **D**)
- Mount it on the wall

V3,V7,V8 = Tamper alarm on opening.
Important: do not damage or lose the rubber part (required for the tamper alarm).

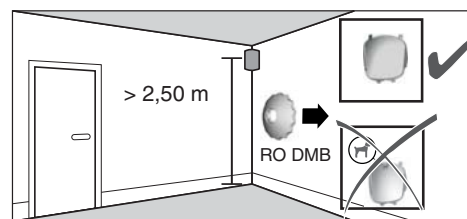
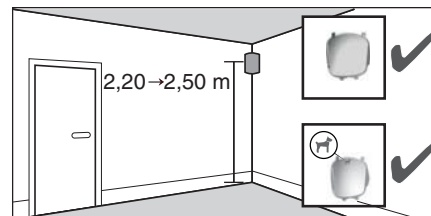


• Change the lens

- Example: you want to replace the standard lens by the "animal" lens.
- Push the stops to lift off and remove the lens.
 - Fit the new lens.
 - Be careful not to touch the sensor.



Do not use ball joint RO DMB (P/N: 6416221) with the animal immunity lens.



• Activation

- Insert the battery, observing the right polarity.
- Check that the rubber part is present before closing up the detector.

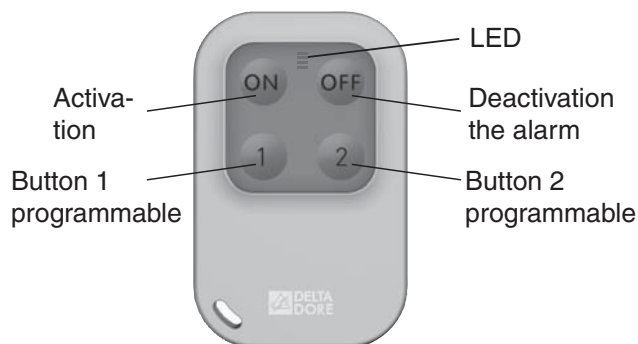
Lithium Battery - AA
LS 17500 - 3.6V



1 Installing and mounting the products

1.4 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).



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

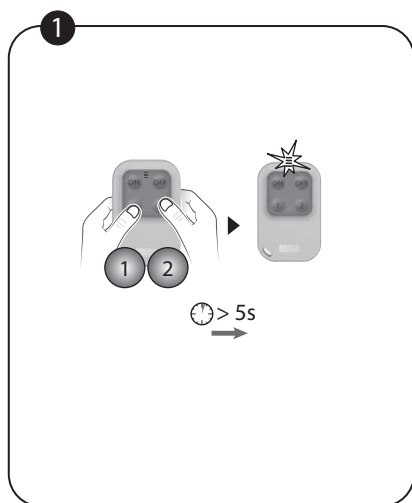
Examples:

- (1 Mode A , 2 Mode C);
- (1 Mode D , 2 Mode E);
- (1 Mode A , 2 Mode D)...

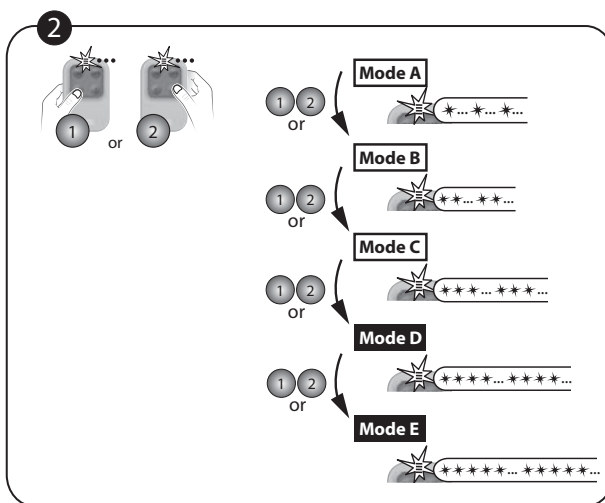
Ask your installer for the appropriate equipment if you want openings to be controlled.

	Button 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	 x1	
Mode E ON/OFF ON/OFF control for lighting or roller shutters		

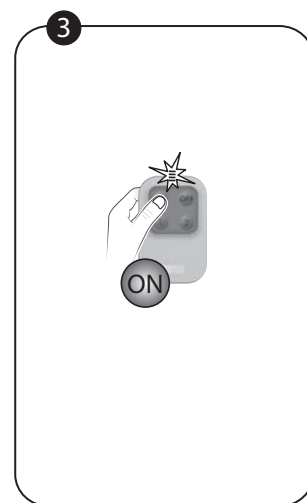
Configuring buttons 1 and 2



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.

2 Close the alarm control unit



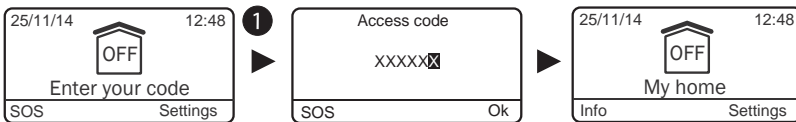
❶ Replace the cover of the siren

❷ Screw in the closing screw and replace the protective tab

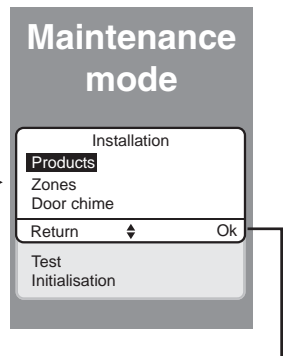
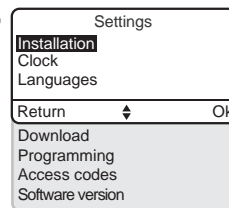
3 Adding additional products (if necessary)

Example: a telephone transmitter

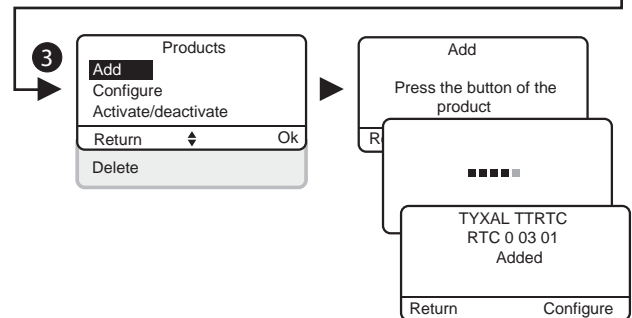
❷ Enter the installer code (123456, by default) and confirm with OK.



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



❹ Select "Add", then confirm with OK.



❺ Briefly press the (T1) button on the front panel of the transmitter.
The transmitter emits a beep when the button is pressed, then a second beep to confirm the association.
The alarm control unit emits a beep.



4 Personalising the installation and the products

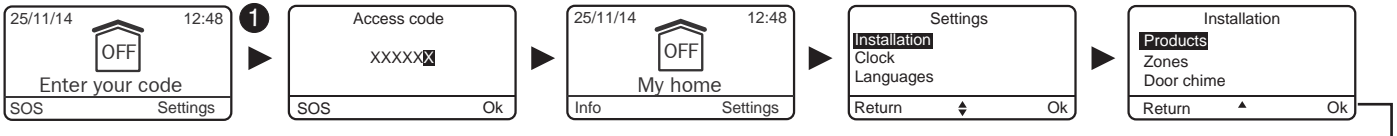
The CLT 8000 TYXAL+ touch screen keypad allows all the personalisation operations of the system. The following menus can be accessed by the installer code. The CLT 8000 TYXAL+ touch screen keypad can be used for all activation actions. Deactivate the tamper alarm (see § Deactivating the tamper alarm, system guide) and separate it from its wall mount.



Example: DMB TYXAL+ motion detector

• Name the products

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

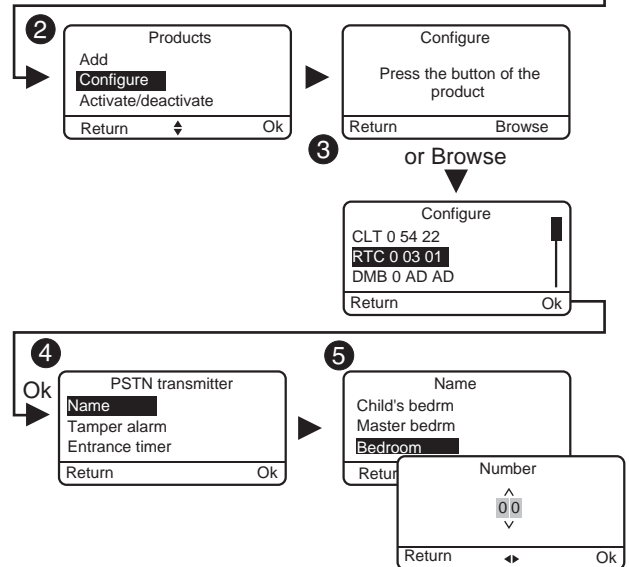


2 Press **Settings**, select the menu: **Installation > Products > Configure**, then confirm with OK.

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.



• 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.

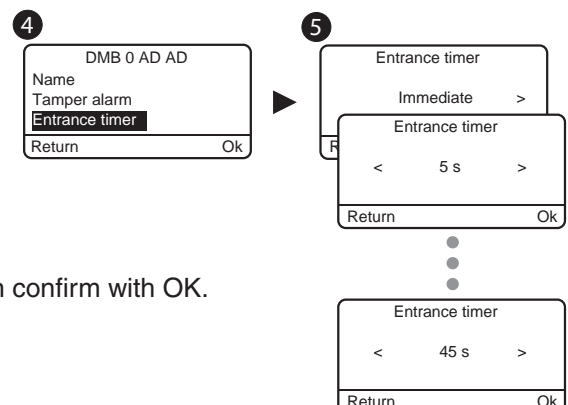
1 Enter the installer code (123456, by default) and confirm with OK.

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.



5 Testing the installation

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).

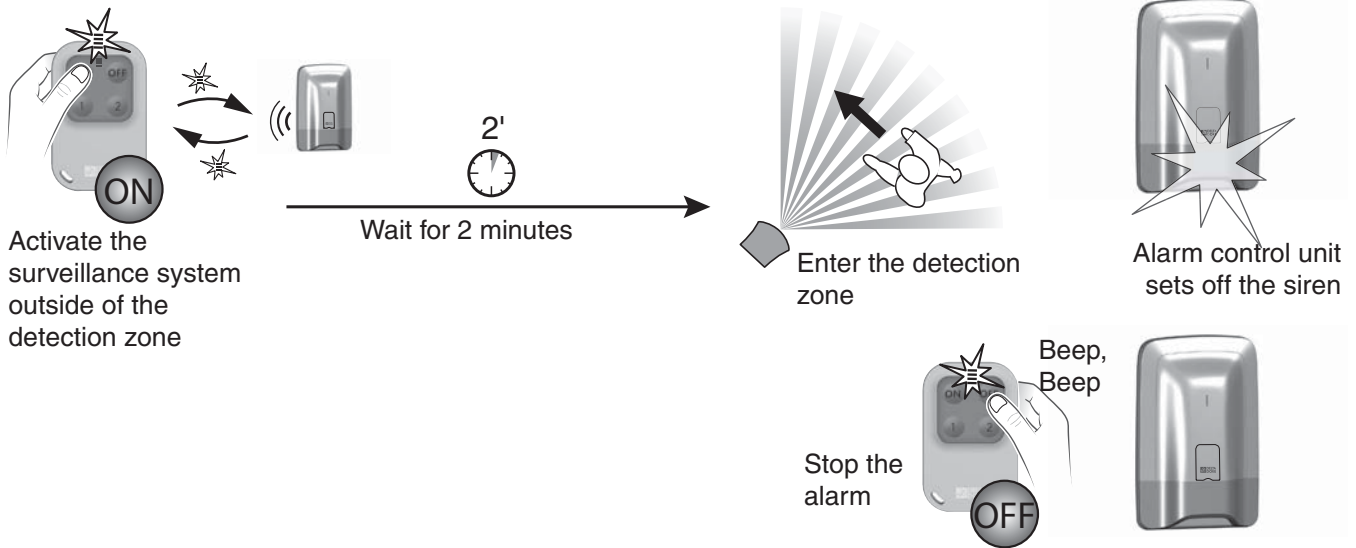
Test the motion detectors

The motion detector stores each passage in the detection zone for 90 seconds (whether or not the system is on).

For the test, enable the surveillance 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.



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.

6 Overview of your installation

Activation date:

Name and stamp of installer:

Items of the pack:

Type	Name	No. or name of zone	Immediate/delayed triggering	Comment (e.g. location)
Example: Motion detector	DMB 0 01 02 or Corridor 1	Zone 1 or Home	Delayed (30 s)	Ground floor corridor
Control unit				
Touch screen keypad				
Remote controls				
« « «				
Motion detectors				
« « «				

Additional items:

Type	Name	No. or name of zone	Immediate/delayed triggering	Comment (e.g. location)

Notes:

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