

# CS 8000 TYXAL+

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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 only generates the external siren noise if the system is on.

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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# 1.1 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.



ROLLIA X3D Roller shutter motors







# 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 vou: - 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



Zone 2 Ground floor

#### 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

### • Separate the parts





Unscrew



B = Tamper alarm on opening. Important: do not damage this part of the support

Separate the base from the rest of the

control unit by pushing up and pulling

toward you.

ncorrect

Incorrect

0 t

Correct

Correct

Separate the control unit from the base.

Remove protective tab

# If the mount to the wall



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. 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 л,

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 U 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.

# • Connect the battery unit



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







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

# 3.2 Maintenance mode *F*

#### 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.





• 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 :



#### 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 cvcle.

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.



- 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 *S*

# 3.3.1 Associating a product of the alarm range

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



Maintenance

TTRTC TYXAL+, TTGSM, TYDOM 2.0 telephone transmitter		Bri transn
DO, MDO, DOI PVC TYXAL+ intrusion detectors		
Motion detectors DMB, DMBD, DME, DMBE TYXAL+		The LEI
DCS TYXAL+technical detector		
SEF TYXAL+ outdoor siren		
Video motion detector DMBV		To ass
Si TYXAL+ siren		The
DOS, DCP, DVR TYXAL+ intrusion detectors		) The
DU, DF, DFR TYXAL+ technical detectors		
REP TYXAL+ repeater		
Roller shutter motor (intrusion mode)		You mu the "A mode o
For any other product of the the	ermal or control sys	tems rang

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

Ï 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.

iefly press the outer button (T1) of the transmitter. The nitter beeps once when the button is pressed, then beeps again to confirm the association. The alarm control unit emits a beep.

Briefly press the product button. D flashes when the button is pressed, then flashes again to confirm the association. The alarm control unit emits a beep.

sociate a video motion detector, please refer to the «Video Function» chapter.

Briefly press button 1 on the siren. LED changes from red to green to confirm the action. The alarm control unit emits a beep.

Briefly press the product button. transmitter beeps. The alarm control unit emits a beep.

Briefly press the product button. It emits a beep. The alarm control unit emits a beep.

> To associate a repeater (refer to the "Associating a repeater" chapter).

ust associate the alarm control unit with the motor (refer to Associating a motor" chapter), then associate the intruder of the motor with the alarm control unit (see motor guide).

ges, refer to their guide.

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

# 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	Х	Х
Clock setting (date, time, etc.)	Х	Х
Download	X	X
Programming		Х
Changing/naming a user access code	X	X
Activating/Deactivating a product	X	X
Naming a product	X	X
Changing sound levels		Х
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	Х	Х
Naming the zones	Х	Х
Programming the call numbers		Х
Incoming calls (dual call/number of rings)	Х	Х
SMS alert to relatives	Х	Х
SIM card (PIN/PUK codes)		Х
Activating/deactivating the auto attendant (transmitter)	Х	Х

# 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.



#### 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.



Onfirm with OK.

### 3.4.4 Changing a user code from the user code

• Enter the user code and confirm with OK.

• Press Settings, select the menu: Access code > Change, then confirm with OK.



# 3.5 Personalising the installation

### 3.5.1 Setting the clock

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



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

Ok



Back

Deutsch

Español

Polski

Nederlands

Ok

Ok

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





**<sup>9</sup>** Press Settings, select the menu:

3.5.3 Download

changes to the installation).

OFF

Enter your code

and confirm with OK.

25/11/14

SOS

Examples:

The keypad is updated automatically.

12:48

Settinas

activate/deactivate your system.

screen keypad instantly with the information

Ø

Press Settings, select the menu: Download,

3.5.4 Weekly programming

The programming can automate the operations for

stored by the control unit (for example, following a series of

Access code

XXXXXX

Ok

- **1** The programming can be suspended by the

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").



OFF

My house

#### 0 Settinas Download 12:4 Clock Keypad up to date anguages wnload Ok Back Override Or Download 56 % Back



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	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	r
Activate/deactivate tamper alarm	~	~	~		~			uniquement 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												~	~	<b>√</b> (3)		
Maintenance calls												~	~	~		
Incoming calls												~				
SIM card													~	~		
SMS alert to relatives (1)						~	~						~	~		
Voice/SMS distribution option (2)													~	~		
Auto attendant												~	~	~		
Privacy														~		

(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): Available from October 2015.

### 3.5.5 Naming the products

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



**9** Press Settings, select the menu:

- Press the button of the product to rename or select it from the list of products by clicking on "Browse"
- Once the product is identified, select the

List of possible products:

the first letters.

CS: Control unit Configure	ר
CLT: Touch screen keypad CLT 0 54 22	
CLS: Simple keypad	
CLE: Exterior keypad	-
LB: Badge reader	ן נ
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	
PSIN: PSIN transmitter	
II. IIDUWI2.U Sl. Indear airon	
SEF Outdoor siren	
RED Repeater	
Ro: Bollia motor	

#### **Pre-recorded names:**

Canopy Reception Alley Flat Scullery Workshop Bay window Bathtub, shower Balcony Bar Librarv Utility room Office Practice Basement Cellar Bedroom Child's bedroom Master bedroom Work site Boiler room Attic Municipality Corridor Yard Kitchen

Summer kitchen Clearance Outbuilding Depot Management Walk-in closet Entrance Staircase Floor Window Garage Attic Hall Warehouse Emergency exit Garden Room Equipment room Shop House Mezzanine Landing Car park Patio Pool Cupboard Porch

Gate Door French window Ground floor Reception Storeroom Room Dining room Waiting room Gaming room Break room Meeting room Sports hall Trade show Secretary's office Lounge Showroom Company Basement Spa Terrace Conservatory Changing room Shop window WC.

<sup>•</sup> You can choose a name from the list (recommended), then a number (optional)

#### 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.

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

- Press Settings, select the menu: Installation > Products > Configure, then confirm with OK.
- OPress the button of the product to change or select it from the list of products by clicking on "Browse", then confirm with OK.
- Once the product is identified, select the "Tamper alarm" menu, then confirm with OK.

• 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. In the case of a DMBV, the video will be recorded as soon as an intrusion is detected, but will only be transmitted if it is confirmed.

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: Installation > Products > Configure, then confirm with OK.
- OPress the button of the product to change or select it from the list of products by clicking on "Browse", then confirm with OK.
- Once the product is identified, select the **"Entry timer"** menu, then confirm with OK.
- 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.

- ${\pmb 0}$  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 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" (④), then confirm with OK.



6

Ok

Entrance time

Return

6

Back

Ok

Immediate

Entrance time

5 s

Entrance timer

45 s

Button lighting

Activate

Button lighting

Deactivate

Ok

Ok

Ok

### 3.5.9 Button beeps

- Enter the installer code (123456, by default) and confirm with OK.
- Press Settings, select the menu: Installation > Products > Configure, then confirm with OK.
- Ì 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" (④), then confirm with OK.

## 3.5.10 Screen brightness

- 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 touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- Select the "Brightness" menu, set the value using the < and > arrows (⑤), 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).

• 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 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.

- 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 touch screen keypad from the list of products by clicking on "Browse", then confirm with OK.
- Select the "Sensitivity" menu, set the value using the < and > arrows (Θ), then confirm with OK.
- Test the buttons by pressing them and confirm with OK if the setting is suitable to you.

Δ

Name

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amper alarm

Entrance timer

4

Keypad

Button lighting

Button beens

System status

Briahtness

Back

DMB 0 AD AD



### 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+).

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

**2** Press Settings, select the menu:

Installation > Products > Configure, then confirm with OK.



• 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).

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

• Press Settings, then select the menu:

Installation > Products > Configure, then confirm with OK.



- Select the alarm control unit from the list of products
- G Select the "Exit timer" menu, set the time required

**2** Press Settings, select the menu:

- Select the alarm control unit from the list of
- Select the menu "Last exit to be used",
- 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.

O Confirm with OK.



### 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.

#### **2** Press Settings, select the menu:

Installation > Products > Configure, 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.
- **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.
- G Select the menu "Maintenance siren" and confirm with OK.
- Select "Activate" or "Deactivate", then confirm with OK ().



Configu

CS 0 54 89

SEE 0 48 23 SI 0 48 24

Status transfe

No

Status transfe

Audible

Status transfe

Visual

Back

Status transfer

< Audible and visua

Ok

Back

Ok

Ok

8

or Browse

6

Back

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Dutput time

Siren alarm control unit

Confirmation ON/OFF

4

### 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.

**2** Press Settings, select the menu:

Installation > Products > Configure, then confirm with OK.

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

- I Select the menu "Anti-jamming" and confirm with OK.
- Ì Select "Activate" or "Deactivate", then confirm with OK (Í).

#### 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 ().









## 3.5.20 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

**2** Press Settings, select the menu:

Installation > Products > Configure, then confirm with OK.



# 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.

**O** Select the menu "Remote monitoring", then confirm with OK:

#### O 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 preprogrammed 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.

Back

Back

Tel. no. 1 SMS

Ok



# 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 quide). The line pick up operation is immediate with a GSM transmitter.

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

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

OPress 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:

**O** 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.

**2** Press Settings, select the menu:

Installation > Products > Configure, then confirm with OK.

- O Press the button of the transmitter or select it from the list of products by clicking on "Browse", then confirm with OK.
- G Select the "Auto attendant" menu, then "Activate" or "Deactivate" (O), 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.
- **9** 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.
- G Select the "Maintenance call" menu, then "Activate" or "Deactivate" (O), then confirm with OK.

### 3.5.25 SMS alert to relatives

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.
- **9** 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

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.

- O 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.

# 3.5.27 Privacy

From this menu, you can deactivate any remote viewing request.

- 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 TYDOM 2.0 button or select it from the
- list of products by clicking on 'Browse'.
- Select the «Privacy» menu, then «Activate» or «Deactivate» (3).



# 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.).

• 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.



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.

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

**9** Press Settings, select the menu:

Installation > Zones > Configure > Name zone, then confirm with OK.



## 3.6.3 Viewing the zones

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

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

Press Settings, select the menu:

Installation > Zones > View, then confirm with OK.



Select the zone required

# 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.

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

Press Settings, select the menu:

Installation > Zones > Configure > Delete product, then confirm with OK.



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

Onfirm with OK.





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

#### **2** Press Settings, select the menu:

Installation > Zones > Delete, then confirm with OK.



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.

• 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.



### 3.6.7 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?").

• 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.



### 3.6.8 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".





# 3.7 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.



# 3.8 Testing the installation

3.8.1 Test a detector (DO, MDO, DOI PVC, DOS, DMB, DMBD, 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.
- **2** Press Settings, select the menu:

Installation > Test, then 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 Test a DMBV TYXAL+ detector

For this test, the Tydom 2.0 must be installed and connected to the GSM network.

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

**9** Press Settings, select the menu: Installation > Test, then confirm with OK.



par OK.

The LED is on and steady for 5 seconds. The detector films.



• 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.

EN

2

Back

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

• Set the control unit to maintenance mode

(see "Maintenance mode" chapter).

**2** On the detector:

DCP TYXAL+ impact detector	<ul> <li>Press the TEST button on the transmitter. <i>The alarm control unit emits a beep.</i></li> <li>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></li> </ul>
	The TEST mode will be extended each time the transmitter button is pressed.
DCSTYXAL+ mains	- Press the button of the DCS TYXAL+ . The alarm control unit emits a beep.
power failure detector	- Cause a mains failure. Wait for 1/2 hour then check that the technical defect is reported by the system.
DFTYXAL+ water leak detector	<ul> <li>Press the TEST button on the transmitter.</li> <li>Simulate a water leak by wetting the 2 strips of the sensor (e.g. with a sponge). <i>The transmitter beeps.</i></li> </ul>
	- 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> <li>Press the TEST button on the transmitter.</li> <li>Create a detection situation (see manufacturer guide for the associated sensor)</li> <li>Check that the detection procedure runs correctly. <i>The detector beeps.</i></li> </ul>



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:

detection zone

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.

### 3.8.5 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.
- In the case of a video detector (DMBV TYXAL+), you will receive a 1st SMS to signal the intrusion, then a 2nd SMS with the link giving access to the video.

#### 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 §.







Alarm control unit sets off the siren



ΕN

Stop the alarm



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.

# 3.9 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			

• 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.



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

# 4.1 Activating for the first time

#### **O** 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").

#### O Close the cover



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





# 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.* 









# 4.3 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 2: Set the alarm control unit 3: Confirm on the product to maintenance mode to "Add product" mode. 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		
CLS 8000 TYXAL+ simple keypad		Т
LB 2000 TYXAL+ badge reader		
CLE 8000 TYXAL+ outdoor keypad	diase diase diase diase	
CLT 8000 TYXAL+ touch screen keypad	R http://	Pre The
Badge		Th
DO, MDO, DOI PVC TYXAL+ intrusion detectors		
Motion detectors DMB, DMBD, DMBV, DME, DMBE TYXAL+		Т
DCS TYXAL+ technical detector		
SEF TYXAL+ outdoor siren		

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

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.

ess 🕑 to activate the display, then 5 seconds on ON when the screen displays: "No control unit associated". The alarm control unit emits a beep. ne CLT screen displays: Action confirmed, then "Download".

he 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.

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.

	again to confirm the association. The alarm control unit emits a beep.
	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.
	Briefly press the product button. The transmitter beeps. The alarm control unit emits a beep.
	Briefly press the product button. It emits a beep. The alarm control unit emits a beep.
57	To associate a repeater, refer to the "Associating a repeater" chapter.
	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).

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).
- OPress 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

- 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 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.



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## 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).

- 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 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 $\checkmark$

- . 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)

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

#### Por 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.

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

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



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.

4.6 Zone management 🖍

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

- 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).
- 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.
- O 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.

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





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## 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).

• 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.

• 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.

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

• 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.

• 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.

- Confirm on the products to associate with the zone (see table opposite).
- O Briefly press the OFF button, then swipe the badge to exit the Add product mode. The alarm control unit emits a beep.







# 4.7 Testing the installation $\checkmark$

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.

**2** 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 (SiTYXAL+ 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.

# 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.



œÐ  $\ast$ ))) OFF \land () >5s

Make sure that the receiver LED is off.

# 6. Configuring a TL 2000 TYXAL+ remote control





#### • Press the

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



• 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.



confirm. The LED changes to 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 §).



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

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ССЭ 8 Example 1 × OFF Example 2 OFF

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

# 7. Video Function

The video function of the alarm system is provided by an infrared motion detector and TYXAL+ DMBV video associated with a TYDOM 2.0 transmitter. These 2 products must also be associated with the system.

If an intruder is detected, an alarm is triggered and takes a 5-second video. A link to play this video is automatically sent by SMS to the number or numbers programmed in the TYXAL+ CLT 8000 touch screen keypad.

# 7.1 Associate the video function with the system

- The alarm control unit must be in Maintenance mode.
- The alarm control unit must have a TYXAL+ CLT 8000 touch screen keypad associated to programme the mobile phone numbers (SMS).
- To associate the products with the system, they must be in their definitive location (EN 50131).

#### Step 1: Install and activate the TYDOM 2.0 (see user guide)





- **2** Press Settings, then select the menu:
- Select «Add», then confirm with OK. The alarm control unit's red LED switches on.

The LED flashes when the button is pressed, then flashes again to confirm the association (the association phase can last up to 12 seconds). The alarm control unit beeps. The TYDOM 2.0 beeps. The associated product is displayed on the CLT 8000 (e.g. DMV 0 07 02).



# 8.1 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:





• Press the receiver button for 3 seconds until the LED flashes.

Set the alarm control unit to Maintenance mode, then briefly press button 2.

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 Make sure that the receiver LED has stopped flashing. The products are associated.

#### 8.2 Associating a roller shutter receiver (e.g. TYXIA 4730) S

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





flashes.

- Before you start creating the association, raise the shutter and press STOP.
- Press the receiver button for 3 seconds until the LED



the detector.

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((**n**))



 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



Press the receiver button for 3 seconds until the LED flashes.



Set the alarm control unit to Maintenance mode, open it up, then briefly press button 2 of the control unit.



O Make sure that the receiver LED has stopped flashing. The products are associated.

# 8.3 Associating a Rollia wireless roller shutter motor

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

- Step 1: Associate the control unit with the motor





• Set the alarm control unit to "Maintenance" mode, then open it up.

Ø Set the roller shutter to association wait mode (see user guide).

#### - Step 2: Associate the anti-intrusion mode



• Set the alarm control unit to Maintenance mode, then to "Add product" mode.



• Set the roller shutter to association wait mode (see user guide).



Ø Briefly press the button of the detector.

• Press button 2 on the alarm control unit.



The motor briefly starts twice.



 Press button 2 on the back of the motor master remote control twice, until the orange LED flashes.then press the



 Confirm the association with the remote control of the roller shutter (see its guide).

• The motor briefly starts twice.

button for 3 seconds.

# 9. 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

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



associated products.

# 10. Deleting products

# 10.1 From the CS 8000 TYXAL+ alarm control unit

#### 10.1.1 Delete the control devices

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

• Set the alarm control unit to Maintenance mode, then open it up.

O Disconnect the battery unit.

• Reconnect the battery unit by pressing button 1. The alarm control unit emits a beep.

Ø Release.

Maintenance

mode

# 10.1.2 Deleting all products except the sirens

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

• Set the alarm control unit to "Add product" mode (control unit open).

Press and hold the 1 button for 5 seconds. The alarm control unit beeps.

8 Release.

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### 10.1.3 Removing all products

To delete all wireless associations.

• Set the alarm control unit to "Add product" mode (control unit open).

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.

8 Release.

### 10.1.4 Deleting the access codes

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

• Set the alarm control unit to Maintenance mode, then open it up.

O Disconnect the battery unit.

Seconnect the battery unit by pressing button 2. The alarm control unit emits a beep.

Ø Release.

Back

Ok

Back

Ok



Button 2 Button 1

# 10.2 From a CLT 8000 TYXAL+ touch screen keypad

### 10.2.1 Deleting a product

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

#### • Press Settings, then select the menu: Installation > Products > Delete



## 10.2.2 Deleting all products except the outdoor siren

- Enter the installer code (123456, by default) and confirm with OK.
- **O** Press **Settings**, then select the menu: Installation > Products > Delete
- Select "All except outd. siren". A confirmation is requested.
- Onfirm with OK.

## 10.2.3 Removing all products

To delete all wireless associations.

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

 Select "All". A confirmation is requested.

Onfirm with OK.

# 11. Restoring factory settings (Initialisation) 🖍

# 11.1 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.

• Set the alarm control unit to Maintenance mode, then open it up. O Disconnect the battery unit.

 Reconnect the battery unit while simultaneously pressing buttons 1 and 2. The alarm control unit beeps, LEDs A and B flash simultaneously. Ø Release.

# 11.2 Initialising the CLT 8000 TYXAL+ touch screen keypad

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

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

# 11.3 Initialising a TL 2000 TYXAL+ remote control

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

• Put the alarm control unit in Maintenance mode

Press the 1 and 2 buttons simultaneously for 5 seconds until the orange LED comes on. Release.

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. Ø Release.

# 11.4 Initialising a CLS 8000 TYXAL+ simple keypad

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

• Put the alarm control unit in Maintenance mode

- Separate the product from its base unit.
- <sup>®</sup> 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.









# 11.5 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.

• Put the alarm control unit in Maintenance mode

- Separate the product from its base unit.
- 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.



# 11.6 Initialising a CLE 8000 TYXAL+ outdoor keypad

#### 11.6.1 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

**2** 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.



## 11.6.2 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.

# 11.7 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 **2** 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.



# 11.8 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.

# 11.9 Initialising a TTRTC TYXAL+, TTGSM or **TYDOM 2.0 telephone transmitter**

### 11.9.1 Initialising the access codes

- Put the alarm control unit in Maintenance mode
- **Open up the transmitter.**
- Press the T2 button for 15 seconds (button T3 for the TYDOM 2.0).

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).

# 11.9.2 Full initialisation of the transmitter

This operation deletes the associations, the faults in progress and the access code (set to its default value), and reactivates the DHCP mode for TYDOM 2.0..

• Set the alarm control unit to Maintenance mode

Open up the transmitter.

Press the T2 button for 30 seconds

(button T3 for the TYDOM 2.0).

After 5 seconds, the transmitter emits 1 beep, keep holding the button aown. 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.



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Only in

# 11.10 Initialising a mains power failure detector This operation deletes the wireless associations. • Put the alarm control unit in Maintenance mode **2** Press and hold the button of the product for 30 seconds. The LED flashes 1 times. The alarm control unit emits a beep. 🕑 >30s

# 11.11 Initialising an outdoor siren

This operation deletes the wireless associations.

• Set the alarm control unit to Maintenance mode **2** 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.



# 11.12 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



# 12. Summary of LEDs, buttons and audible signals



# 12.1 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.

# 12.2 Button operation

	Button 1		
	Condition		
Events cleared	Alarm control unit in maintenance mode	Press	
Control devices deleted	Connection to battery unit w pressed. As soon as the alarm beeps, release.		
All products except the sirens deleted	Alarm control unit in Add product mode	Press f	
All products deleted	Alarm control unit in Add product mode	Press fo	
Access codes deleted			
Total initialisation	Battery unit connecte As soon		
Siren test	Alarm control unit in maintenance mode	Press f	
Association with a control system receiver			



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.

	Button 2			
Action	Condition	Action		
and release				
ith button control unit				
or 5 seconds				
or 10 seconds				
	Press and release while reconnecting the battery unit			
d with buttons 1 and 2 simultaneously pressed down. as the alarm control unit beeps, release.				
or 5 seconds				
	Alarm control unit in maintenance mode	Press and release		

# 12.3 Audible signals

	Conditions	Signal type
Earcon	• If a door is opened or a presence is detected in a room	"Ding Dong" special tone
Warning	<ul><li>Notice of automatic operation</li><li>Entry into a monitored zone</li></ul>	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	<ul><li>For any intruder detection</li><li>For any sabotage attempt (tamper alarm)</li></ul>	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

# 13. 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 " $!\!\! \bigtriangleup$  " 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:





**0**: Switch the alarm control unit to maintenance mode

**2**: Open up the product and replace the battery or battery unit(s)

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

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



**O:** Close up the product and exit the maintenance mode

Description

BP CS8000-Si TYXAL+

BP CLT 8000 TYXAL+ BP DMBV TYXAL+

BP DMBD TYXAL+

BP SEF TYXAL+

BP DME DMBE TYXAL+

# 13. Replacing the batteries

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.

# 14. 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

- Set the alarm control unit to Maintenance mode,
- Open up the alarm control unit,
- O Disconnect the battery unit,
- Press button 2 while reconnecting the battery unit,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.
- Open up the alarm control unit. Be careful of the siren.
- Disconnect the battery unit.
- Press button 1 while reconnecting the battery unit.
- Pelease button 1.
- 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.

# The outdoor siren does not sound upon triggering of tamper alarm

For this, the system must be on (required by Standard EN 30131)

#### The keypad displays «Default supervision video» where the DMBV LED flashes during the link

- The DMBV TYXAL+ video detector does not communicate with TYDOM 2.0.
- '- The TYDOM 2.0 must be a suitable distance from any item that could disrupt it (ADSL box, electric cables, etc.)
- '- the DMBV detector should be close to the TYDOM 2.0

#### **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 reader

Use one of these items to shut down the system. The installer code can shut down the system only if it 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.

# 15. 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

# CE

Con la presente, Delta Dore dichiara che l'equipaggiamento è conforme ai requisiti essenziali e alle altre disposizioni pertinenti della Direttiva R&TTE 1999/5/CE.

La dichiarazione di conformità CE di questo equipaggiamento è disponibile, su richiesta, presso: Servizio "Informazioni tecniche" DELTA DORE - Bonnemain - 35270 Combourg (Francia) E-Mail: info.techniques@deltadore.com

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 Combourg (France) E-mail: info.techniques@deltadore.com

Delta Dore erklärt hiermit, dass diese Ausrüstung die wesentlichen Anforderungen sowie die einschlägigen Bestimmungen der R&TTE-Richtlinie 1999/5/EG erfüllt.

Die EG-Konformitätserklärung dieser Ausrüstung ist auf Anfrage an folgender Stelle erhältlich: Service "Technische Infos" DELTA DORE Schlüter GmbH - Fichtenstraße 38 a - 76829 Landau (Deutschland) E-Mail: info.techniques@deltadore.com

> Certificazione IMQ : IMQ Sistemi di sicurezza.

> > IMQ S.p.A : www.imq.it



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Because of changes in standards and equipment, the characteristics given in the text and the illustrations in this document are not binding unless confirmed

Aufgrund möglicher Weiterentwicklungen von Normen und Produkten sind die in der vorliegenden Dokumentation aufgeführten Angaben und Abbildungen nur bei entsprechender Bestätigung von uns verbindlich.