



CATALOGUE

2017  
2018

# WELCOME

ERIC CHENU  
COMMERCIAL DIRECTOR

In 2016, our communications about connected solutions were central to our year, and more than 50,000 homes were able to enjoy the new features provided by TYDOM and its application.

This 2017 edition of the catalogue looks to continue in this direction with even more innovations.

These new features include new nanomodules, a new Tydom application and a revolutionary new range of blind Tymoov motors.

We are determined to support you at every stage, which is why we have made major adjustments to our commercial organisation with the creation of specific dedicated teams for your sector.

You will also find a training system in this new edition.

This has been redesigned so as to enhance your skills and hone your communications with users, who are continually better informed as time goes on.

In this ever more connected world, we are continually faced with new challenges and our aim is to ensure maximum satisfaction levels for you.

More than ever, we are here to discuss any issues and provide support, as we always have been.

Many thanks for placing your trust in us, providing us with a great "boost" as we aim to continue expanding in the future.

Warmest regards.



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Founded in the 1970's by Joël & Monique Renault, the Brittany-based company is currently a family-run group with international reach.

Our ambition: improving comfort and promoting energy savings by controlling connected objects.



Delta Dore is the European market leader in connected homes

€141 million turnover  
+20% growth over period of 5 years (2011-2016)

3 million homes fitted with Delta Dore products



+150 people involved in R&D



French design & manufacturing (2 factories in Brittany)

5 Year Warranty

Products guaranteed for 5 years

Present in over 40 countries through our partners and 8 commercial subsidiaries in Europe and Asia.



“In a modern world that is teeming with connected objects, Delta Dore's home automation solutions continue to differentiate themselves from their competitors through their utility and simplicity.”  
OLIVIER BELLANGER | Director of Connected Home Division

“Our aim is to facilitate the use of our connected solutions by making them accessible to everyone, in terms of both price and ergonomics.”  
ÉRIC CHENU | Group Business Manager

“We enable smart control of your home so you can protect your home, your belongings and your family, increase the comfort of your life and make energy savings. Advantages for everyone, and connectivity for all!”  
STÉPHANE BERLIOZ - LATOUR | Marketing Director Connected Home Division

# X3D

## DELTA DORE WIRELESS TECHNOLOGY



Compliant with European standards  
A frequency of 868 MHz avoids interference and scrambling that can occur as a result of 4G WIFI or GSM transmissions also being present.



Transmission is secured and with only occasional minimal emissions (1 to 5 mW, a mobile phone permanently emits 600 to 2,000 mW).



This is the superior range possible between transmitter and receiver.  
Mesh network & repeaters enable a limitless system.



Feedback due to bi-directional commands



Saves your settings in the event of power failure



More and more of our products have a battery life of 10 years thanks to specially adapted lithium batteries, combined with our low consumption X3D wireless technology.

# X3D

## OPEN TO USE WITH OTHER TECHNOLOGY & INNOVATIONS



### Partnerships for an extended offer

In our aim to continually offer improvements in the performance of our solutions, Delta Dore collaborates with numerous manufacturers specialising in heating, doors & windows, etc.

We pool our technical and technological knowledge to improve our ability to jointly meet the demands made by today's market, with the widest and most affordable range of offers that are compatible with Delta Dore's X3D ecosystem.

These joint recommendations, together with the reputation of the well known brands in question, give you peace of mind that you will be getting reliable and competitive systems.

### Accomplished multi-protocol management

With TYDOM 3.0, you can choose from a range of protocols suited to your installations and their technical constraints.

TYDOM 3.0 includes X3D protocol, but also recognised protocols such as KNX, RTS, MyHOME, etc.

This means you have the choice.  
(Find details about Tydom 3.0 p.24 to p.29)



WITH DELTA DORE, OUR TEAM  
WILL ALWAYS BE THERE TO SUPPORT YOU



#### A CONTACT FORM

Can be found on our website  
[www.deltadore.co.uk](http://www.deltadore.co.uk)  
in the pro zone

#### A CALL CENTRE

is located at the Delta Dore  
head office  
Do you have a commercial or  
technical question?  
Our advisers are here to help if  
you call on **020 7660 2919**

#### TECHNICAL SALES TEAM

will come to meet you, wherever you are:  
INSTALLERS | WHOLESALE | SPECIFIERS  
you have a dedicated team at your disposal  
(see the commercial network maps at the back of the catalogue)



#### A COMPLETE APPROACH

accessible on [www.deltadore.co.uk](http://www.deltadore.co.uk)  
Your clients can contact us with any questions  
via the news & support section

BECOME A CHAMPION OF THE CONNECTED HOME  
with the support of one of the leading manufacturers in the field!



Training plays a key-role to help you  
develop skills and allow you to bring  
innovative solutions to your customers.

3 KEY MODULES ARE AVAILABLE TO PREPARE YOU FOR THE CONNECTED REVOLUTION;  
THEY ARE AVAILABLE ALL YEAR ROUND IN THE UK.

#### HEATING

With flexible multi zone,  
multi use products you will  
find TYDOM has an answer  
for every heating scenario.  
Give your customers ultimate  
flexibility through connectivity.

#### SECURITY

Security Installer, Electrician or  
Heating Engineer. Once trained  
you can ensure the safety of  
your customers' thanks to the  
leader of the professional radio  
alarm.

#### LIGHTING & OPENINGS

With an expansive range of  
solutions and the smallest  
receivers on the market, ensure  
that your customers get exactly  
what they need from their  
Lights, Gates & Blinds.

Once all three modules are complete you will have mastered the connected home, but develop at your own pace .....  
like your customers you can always expand later.

Make your installations truly smart with our 4th module - Multi-protocol TYDOM 3.0 training for Integration

#### MULTIMEDIA & HOME AUTOMATION

##### YOU ARE AN INTERGRATOR?

Become the expert of multi-protocol, wireless & wired home automation  
systems. Propose premium solutions to your customers, including control of  
multimedia. Complete flexibility with an interface full of features to ensure  
your customer has their expectation exceeded.

For more information on all modules,  
please contact your area sales representative

# JOIN THE #DELTAORECOMMUNITY on social media!

You'll be able to stay up to date with the latest news about our home automation solutions, our new services, but also our exhibition dates, future partnerships, opening times for Concept Homes, etc.

### DELTA DORE IN IMAGES!

New videos are regularly added to our YouTube channel: user tutorials, and videos about home automation solutions and new discoveries. Subscribe to the channel and you'll be sure to develop an in-depth understanding of all the features and details of our home automation solutions.



### FIND ALL OUR LATEST NEWS ON FACEBOOK:

Product launches, a focus on our innovations, new services, details about our teams, etc. Stay in the loop by liking our page!



### THE COMPANY'S LINKEDIN PAGE

Reporting the company's latest news You'll find our latest job vacancies, announcements about partnerships, new activities, appearances in the press, etc. Add us and follow the progress of our Brittany based company with an international scope.

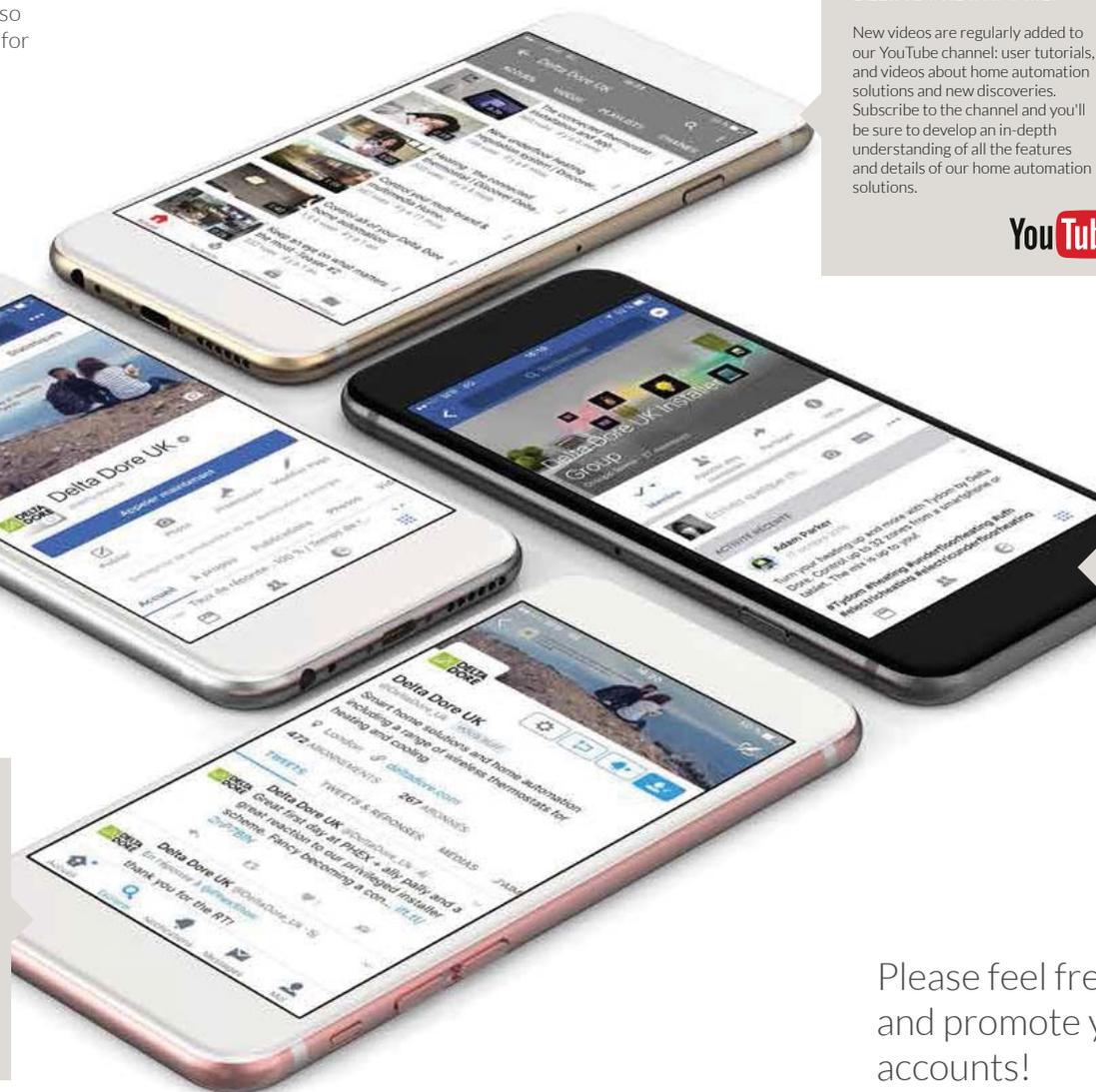


### MEANWHILE ON TWITTER

We share our latest news, as well as articles from our partners, bloggers and fans of new technology. Follow us and take part in discussions about subjects related to connected homes.



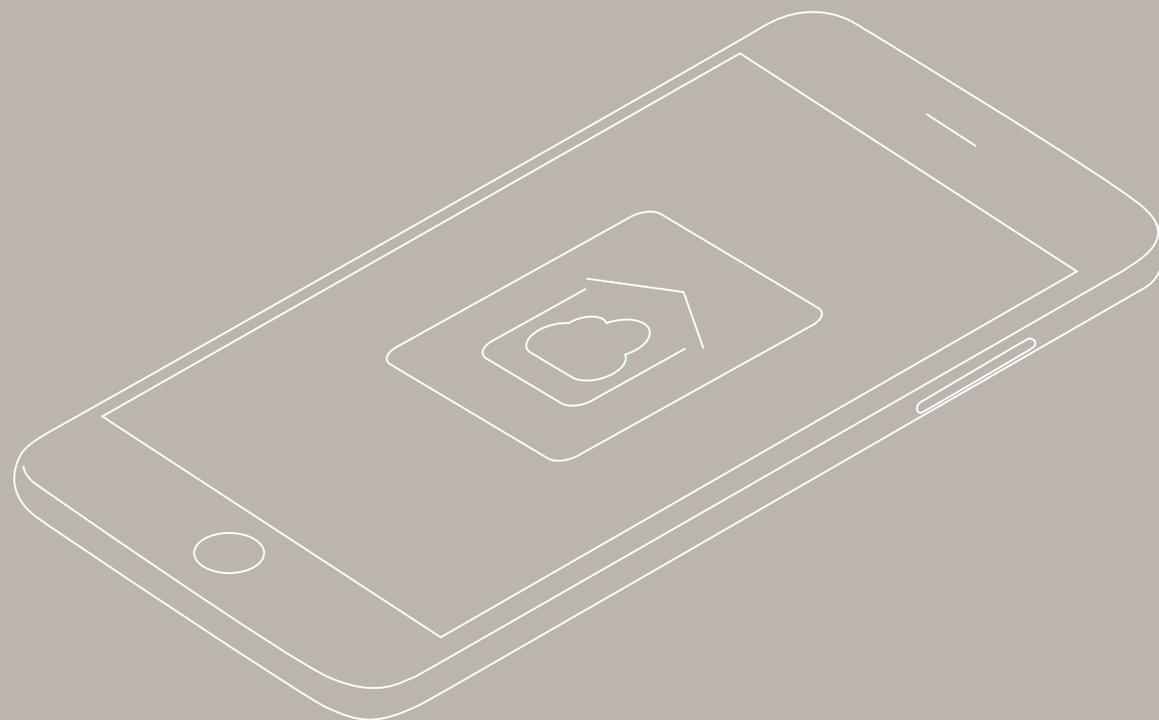
Please feel free to share our news and promote your activity on your accounts!



# HOME AUTOMATION

The connected home by Delta Dore  
TYDOM application  
TYDOM 1.0  
TYDOM 2.0  
TYDOM HD application  
TYDOM 3.0

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New or existing  
buildings  
Tydom controls all equipment  
in the home



#### HEATING MANAGEMENT

The right temperature at the right time  
combine comfort and savings  
Program each zone locally or remotely  
Monitor energy consumption to be able to respond  
to changes



#### PROTECTING YOUR FAMILY AND BELONGINGS

Stay informed about what's happening in your  
home at all times  
View every room without needing to go anywhere  
Manage several zones to ensure everything in your  
property is protected in a way that suits you.



#### CONTROL INDOOR AND OUTDOOR LIGHTING

Control all lighting points  
Creation of lighting ambiances  
Enable scenarios for when you are  
away from home



#### AUTOMATION OF OPENINGS

Manage and program blinds  
from a single point  
Control your gate and garage door  
from a smartphone or a tablet  
Use your roller blinds to maintain  
a comfortable temperature in your home.



Home, work, holiday retreat ?  
Manage several sites with a  
single application,  
wherever you are



#### GOOD TO KNOW

In the case of rental accommodation,  
the application and the configuration  
remains the same. The new  
arrival just needs to download the  
application on their smartphone and/  
or tablet for free and create their  
password.

Collective housing  
Tydom also manages  
connected homes in  
collective housing

# TYDOM application

## WHAT'S NEW FOR YOUR CLIENTS?

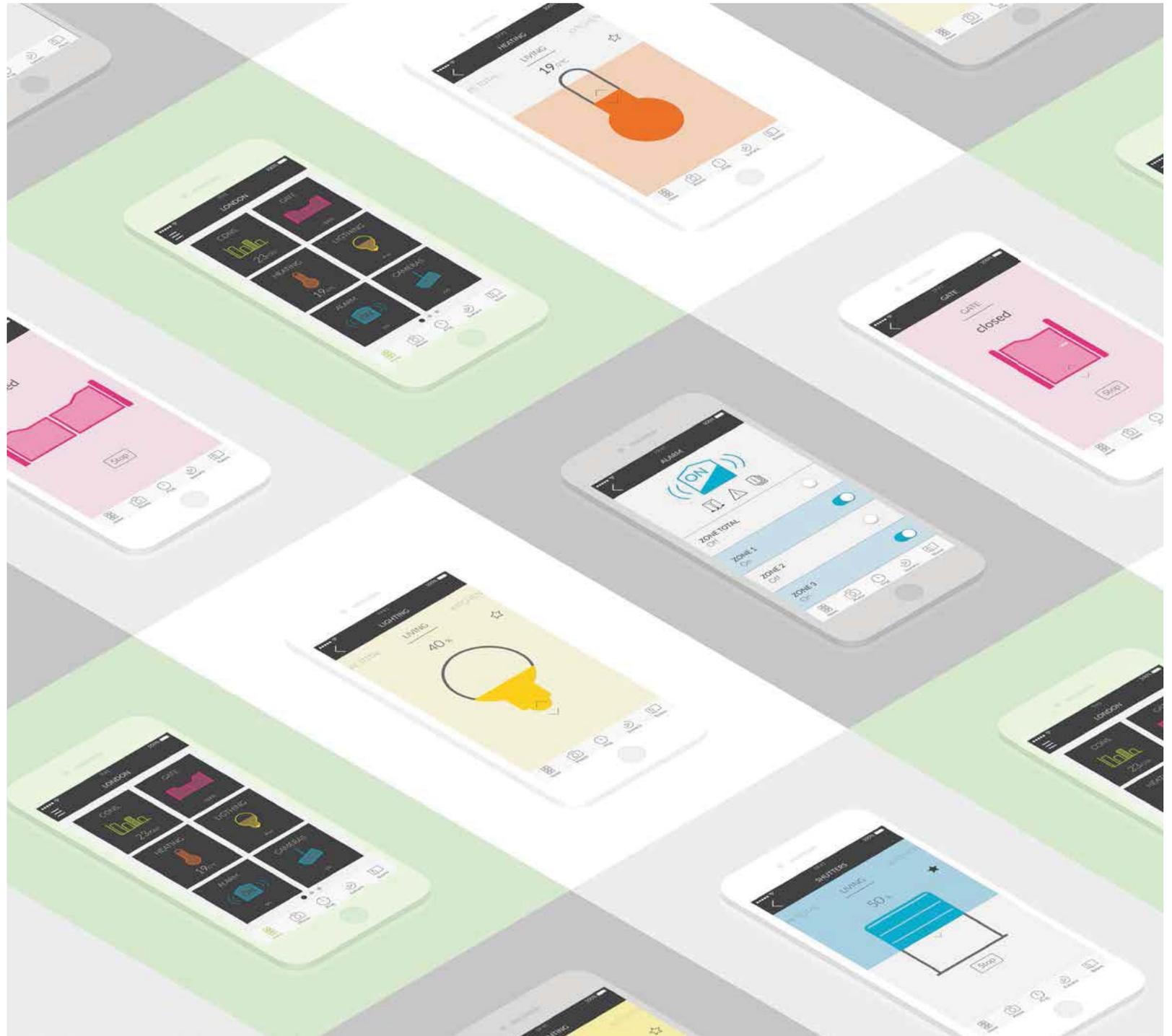
- Smoother and faster navigation
- Simplified settings
- Secure access with login and password
- Multi-site



## AN ENHANCED HOMEPAGE:

- Numerous options for personalisation (Database of symbols, favourites, tailor your home screen, etc.)
- Feedback display
- New navigation bar with different forms of control (programming, scenarios, control using photos of rooms in the home)

You can already download the TYDOM application for free and without subscription



# TYDOM application

## control

HEATING  
-  
ALARM  
-  
CAMERAS  
-  
BLINDS/SHUTTERS  
-  
GATE  
-  
GARAGE DOOR  
-  
LIGHTING



# TYDOM application

designed to make your life easier



Clear, easily  
accessible settings



Increased options for control  
thanks to our numerous  
partnerships



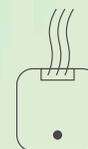
Just one Tydom application  
for managing several sites



Built-in tutorials for more  
rapid configurations

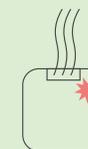
Example of tutorials built-in to the TYDOM application / associate a receiver

Step 1



Press the receiver's button for 3 seconds.

Step 2



The red LED flashes,  
now press "ASSOCIATE".

## TYDOM APPLICATION

### FUNCTIONS

- The TYDOM application allows a smartphone or a tablet to control your connected home
- Application can be personalised with photos of the rooms in the home
- Examples of features:
  - Modify the home's temperature
  - Turn lights on and off
  - Open and close roller shutters, blinds, garage door
  - Turn the TYXAL+ alarm on or off
  - Monitor your home by watching live feeds through the TYCAM cameras
  - View up to 4 indoor or outdoor TYCAM cameras
  - Use scenarios to simplify your day to day control of your home (e.g. leaving scenario: press the button once and all the lights turn off, the heating temperature reduces and the alarm is activated)



### + USER

- Intuitive management with inclusion of room photo mode
- Free secure application with no fees
- Programming by moments of the day (waking up, leaving, etc.) for multiple uses (heating, lighting, roller shutters, control systems and scenarios)

### + INSTALLER

- Catalogue of compatible products included in the application
- Instruction of association for compatible products
- Clear, easily accessible settings

### TECHNICAL CHARACTERISTICS

- Application available for tablet/smartphone
- Application can be downloaded for Android 4.1 and IOS 8.0 and later versions
- 14 languages

The TYDOM application is free & requires no subscription



**WORKING TOGETHER WITH NUMEROUS MANUFACTURERS**  
to develop suitable home automation control solutions thanks to TYDOM

**PERSONALISATION OF THE HOMESCREEN**  
Many configuration possibilities.  
New navigation bar with various forms of control

**PRACTICAL INSTALLATION FOR YOUR SITES**  
For the times that you are without internet connection, you just need to install a wifi router to associate and configure the connected equipment.

**PHOTO MODE**  
It is so much easier to control these systems from photos of rooms in your house.



**SIMPLE AND INTUITIVE USE FOR YOUR CLIENTS**  
The scenarios are practical for simplifying repetitive daily activities. Create a 'leaving home' scenario, for example: press one button to turn off all the lights in the home, activate the alarm and switch the heating to eco mode.

**PROGRAMMING OF EVERYDAY MOMENTS**  
The TYDOM application allows you to teach your home how you want to live there. Your client can create moments based on their lifestyle. The status of the equipment will change over the day, following the program that has been configured.

## Connected home hub

### TYDOM 1.0

#### FUNCTIONS

- Compatible with the TYDOM application p.24
- Many configuration possibilities:
  - 32 heating receivers
  - 32 lighting receivers
  - 32 channels for roller shutters and blinds
  - 32 control system channels (gate, garage door, etc.)



#### + USER

- Solution evolves over time with the connected ecosystem from Delta Dore and its partners

#### + INSTALLER

- Simple to install: IP gateway to connect directly to the router
- Wireless communication with all compatible products

#### TECHNICAL FEATURES

- Box supplied with 1 power supply cable to connect to the router
- 230 V feed
- Radio frequency of 868 MHz
- Radio range: up to 300 meters
- Dimensions: H 100 x W 100 x D 30 mm

#### PLEASE NOTE:

Dont have an internet connection or wifi network - control your connected products locally by connecting TYDOM to a router.

Name	Reference
TYDOM 1.0	6700107

## IP/GSM hub for the connected home

### TYDOM 2.0

#### FUNCTIONS

- Compatible with the TYDOM application p.24
  - Video functions (with a video detector and alarm control unit):
    - Video confirmation of an intrusion
    - Voice or SMS alarm in case of intrusion, fire risk, etc.
    - Send an SMS upon Start-up/Shut-down of system (optional)
    - Configure 6 phone numbers
    - Audio confirmation and intercom function
  - Many configuration possibilities:
    - 32 heating receivers
    - 32 lighting receivers
    - 32 channels for roller shutters and blinds
    - 32 control system channels (gate, garage door, different motors, etc.)
- Backup functions:
- SMS alerts and control in the case of a power cut
  - SMS alerts and control by GSM in the case of cut in internet supply



#### + USER

- Video confirmation for surveillance
- System always available in the case of a power cut thanks to GSM

#### + INSTALLER

- SIM card to be supplied with TYDOM 2.0
- Wifi product suitable for all types of home

#### TECHNICAL FEATURES

- 230 V supply backed up by supplied Lithium battery (battery life of 10 years)
- Dual frequency radio 868.30 MHz and 868.95 MHz
- Radio range: up to 300 meters
- Tamper alarm when opened or removed
- Degree of protection: IP 30-IK 06
- Dimensions: H 165 x W 205 x D 45 mm

#### PLEASE NOTE:

Dont have an internet connection or wifi network - control your connected products locally by connecting TYDOM to a router.

Find out more about  
TYDOM 2.0 pages 94

Name	Reference
TYDOM 2.0	6414125

HOMES | OFFICES | BUSINESSES...

# TYDOM 3.0

the multi-protocol solution for personalised

## home automation

Multi-protocol

- X3D

- KNX

- RTS

- MyHOME



Personalised interface

Import your photos and images to benefit from photorealism & videorealism

You can already download TYDOM HD and TYDOM HD DESIGN STUDIO applications for free without subscription



SCENARIOS THAT CAN BE PERSONALISED



MULTI-SITE LARGE PREMISES  
Residential, Hotels, Businesses, Restaurants, Museums, Offices



MAINTENANCE AND REMOTE ACCESS



### ACCESS | SECURITY

- Door entry
- Connected lock
- Alarm
- Gate
- Garage door

### MULTIMEDIA

- Multi-room TV
- Multi-room sound
- Video projector

### HEATING | AIR CONDITIONING

- Quality of indoor air
- All types of heating

### LIGHTING

- Indoor
- Outdoor

### MOTORS

- Motor-driven bay windows
- Roller shutters
- Blinds
- Blackout blinds

### GARDEN

- swimming pool
- Sprinkler
- Connected mower

### OTHERS

- Weather station
- Connected vacuum cleaner

# Activation of TYDOM 3.0

## step 1 | CONFIGURE

### TYDOM STUDIO CONFIG

- Configure all the equipment in the installation:
- Create the connectors (multi-protocol & multimedia)
  - Associate the equipment
  - Create the rooms based on requirements of your client

#### READY TO USE

Your client can already use their mobile applications

- To go beyond this
- Make the most of controllers, scenarios and triggers
  - Management of rights and user profile



PC / MAC

## step 2 | PERSONALISE

### TYDOM DESIGN STUDIO

Personalise interfaces with client images

- Create graphics for the interface
- Create your widgets
- Photorealism
- Videorealism

- Control your equipment
- Control widget for photos
  - Videorealism and photorealism



PC / MAC

## step 3 | CONTROL

### TYDOM HD DESIGN STUDIO APPLICATION

- Control your equipment
- Videorealism and photorealism
  - Control widget for photos



TABLETS

### TYDOM HD APPLICATION

- Control your equipment
- Control widget
  - List of rooms
  - List of equipment



TABLETS - SMARTPHONES

step 1 | CONFIGURE  
Installation with  
TYDOM CONFIG STUDIO

step 2 | PERSONALISE  
Installation with  
TYDOM DESIGN STUDIO

step 3 | CONTROL  
Installation with the  
TYDOM HD DESIGN STUDIO  
application and/or  
TYDOM HD

# Multi-protocol smart home hub with customised application

## TYDOM 3.0

### FUNCTIONS

- Secure information: all data is secure and stored at home
- Manage up to 10 sites (apartments, second homes, shops, etc.)
- Create 2 user profiles to limit access rights based on user rights
- Compatible with NFC cards (Android), for the creation of scenarios for example



### + USER

- Control multimedia and connected objects around the home
- Solution can evolve
- Data secured and stored at home

### + INSTALLER

- Simple maintenance, can be performed remotely
- System compatible with X3D, KNX, RTS and MyHOME
- Support from Delta Dore (setup, setup training, recommendations, advice, technical documents, training, etc.)

### TECHNICAL FEATURES

- 230 V feed
- Pack contents:
  - 1 TYDOM 3.0 hub
  - 1 X3D key
  - 1 power lead
- Radio frequency: 868 MHz
- Radio range: up to 300 meters
- Protocols: X3D (dongle included) + KNX+ RTS + MyHOME (via additional gateway)
- Dimensions: H 115 x W 115 x D 37 mm

### PLEASE NOTE:

Dont have an internet connection or wifi network - control your connected products locally by connecting TYDOM to a router.

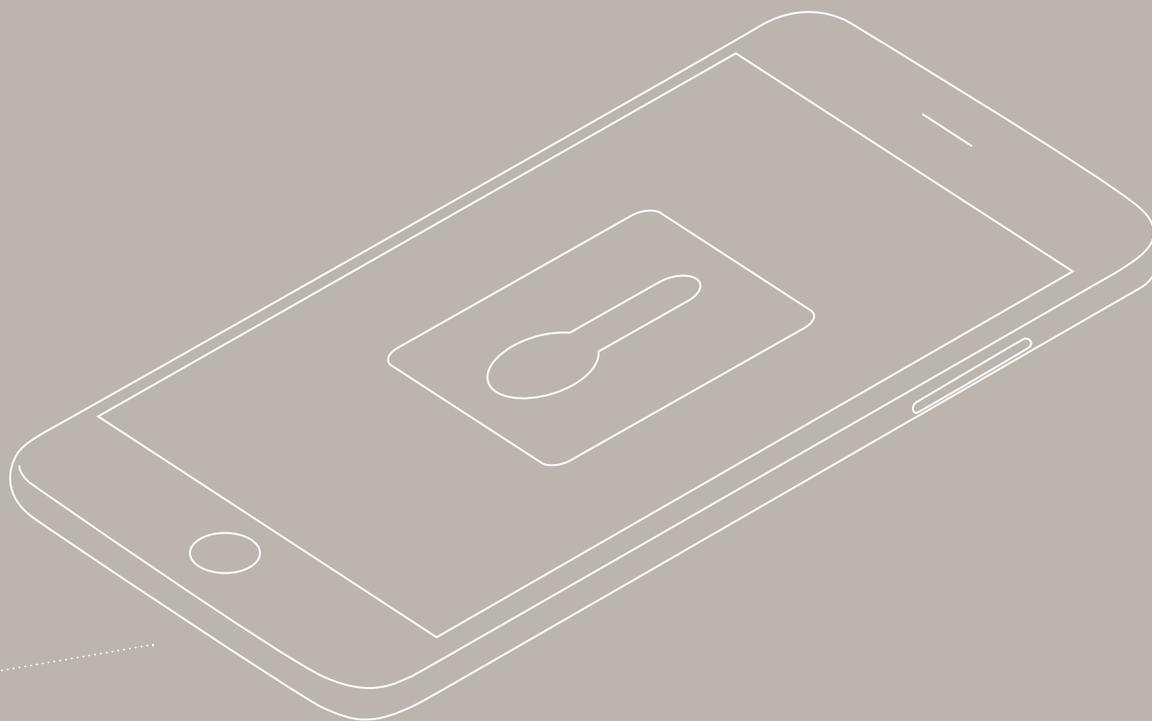
Name	Reference
TYDOM 3.0	6700104

## FUNCTIONS AND OPTIONS FOR TYDOM 3.0

PROTOCOLS	X2D-X3D	
	KNX (requires a Siemens KNX IP gateway   N 148/22 + 24V external supply)	
	RTS (requires an RFXCOM USB gateway   RFXtrx433RE)	
	Philips HUE (requires a Philips IP gateway)	
SECURITY	Integration os TYXAL+ and TYXAL alarm systems	
	Integration detectors / sensors	
	Send unlimited alert messages (notifications through iOS and Android emails)	
	Supports NFC technology (Android)	
	View IP cameras (brands recognised by default: Axis, Panasonic, Mobotix, Vivotek, Gigamedia)	
	IP video pack (unlimited IP cameras + camera recording)	OPTION
Optional doorkeeper software Mobotix T24/T25 on PC/MAC/iPad/Android	OPTION	
SIMONS-VOSS digital lock access control	OPTION	
COMFORT	Lighting management	
	RGB and RGBW management (Philips HUE and KNX)	
	Control of motors (blinds, shutters, binds, skylights, garage doors, home cinema screens, etc.)	
	Creation of scenarios & triggering upon event	
	Creation of scenarios & programmed triggering	
	Geo-location with iOS	
	Management of two-speed simple flow ventilation or dual flow via gateway	
	Control of swimming pool equipment via KNX (filtering, temperature and pH sensors & electrolyzer)	
Manage automatic sprinklers		
Sunrise and sunset calendar		
ENERGY	Regulation of heating/cooling	
	Thermostat management	
	Management of pilot wire	
	Measurements / Consumption (real - theoretical) instant - historical	
	Evaluation of consumption (real - theoretical) with history of values	
	Creation of consumption charts and statistics	
Management of Netatmo weather stations		
AUDIO / VIDEO	Virtual Remote	
	TV control (depending on ranges of brands Sony, Panasonic, LG, Philips & Samsung)	
	DUNE HD multimedia reader: TV 102 and TV 303 D	OPTION
	Management of shared networks (including Movie Square & organisation of the video library)	OPTION
SONOS	OPTION	
CONNECTIVITY	IrTrans infrared	OPTION
	Creation of virtual controllers	OPTION

# HEATING & COOLING

Efficient heating control	p.32
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# EFFICIENT HEATING CONTROL

## TPI CONTROL

This process calculates the on and off period for the heating according to the temperature measured and the setting. The required temperature is reached quickly without any sudden variations, and thus without any over-consumption, improving energy efficiency by around 10%.

## PROGRAMMING

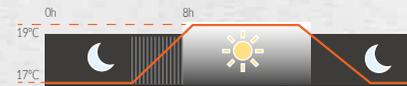
The programming of heating periods allows additional savings of up to 20% to be made in relation to a simple regulation system.

Programming heating around your lifestyle ensures that the user has optimal control over the energy their heating consumes.\*

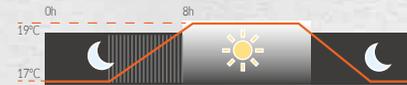
## ANTICIPATION OF TEMPERATURE RISES

This ensures that the user can obtain the required temperature at the time chosen. While taking the outdoor temperature into account, the heating comes on at the right time.

Example with an outdoor temperature of +5°C:



Example with an outdoor temperature of -5°C:



Start time for anticipation varies according to the outdoor temperature

# CERTIFICATION

## ErP



«Energy-related Products» which refers to a directive also known as the Ecodesign Directive.

A set of rules applicable to products consuming energy designed to reduce energy consumption in the European Union.

Certain Delta Dore products for electric radiators are also compatible with the LOT 20 regulation.

## THE BUILDING REGULATIONS, PART L :

For each new building:

The Building Regulations set out requirements for specific aspects of building design and construction. Regulation 26 of the building regulations states «Where a building is erected, it shall not exceed the target CO2 emission rate for the building»

Conservation of fuel shall be made by: limiting heat gain and losses and having effective controls so that the building can be operated efficiently.

Our Delta Dore heating controls enable use in single or multi zone, and our thermostats can be used in conjunction with programmers (integrated or not) in order to be in line with the regulations.

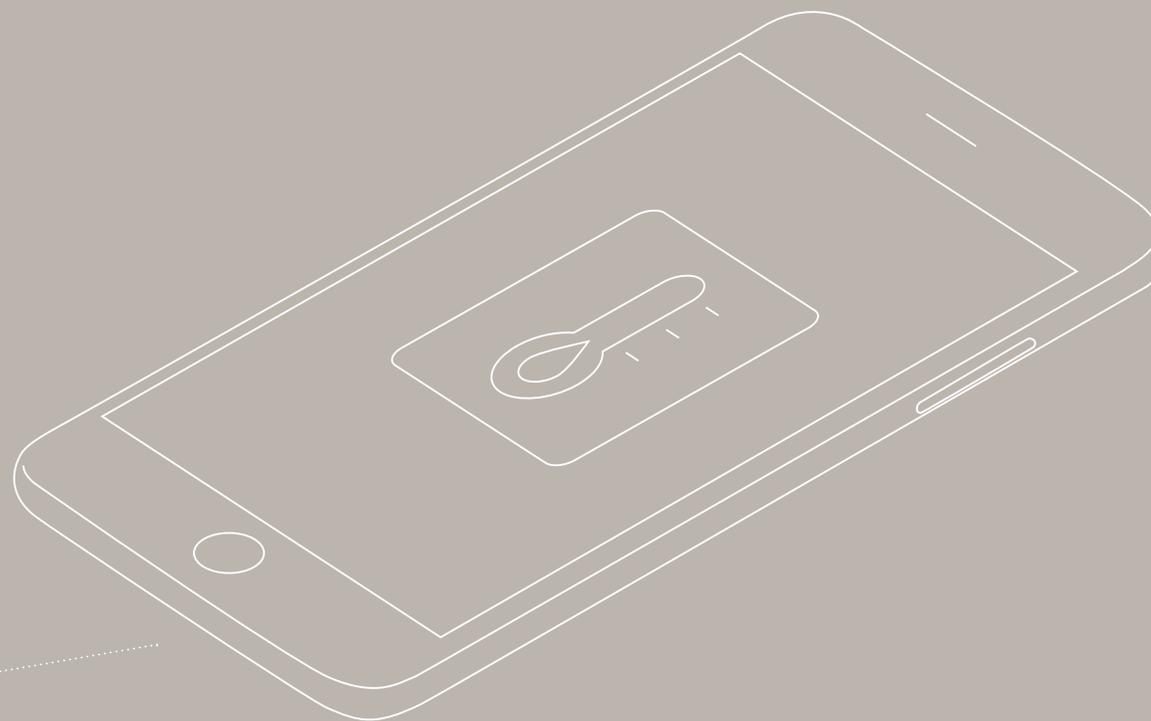
## GOOD TO KNOW

Our energy expenses cost us around £1,420 per year, typically.

With an average heating temperature of 20°C, an adjustment of just 1 degree can give savings of 5-10%

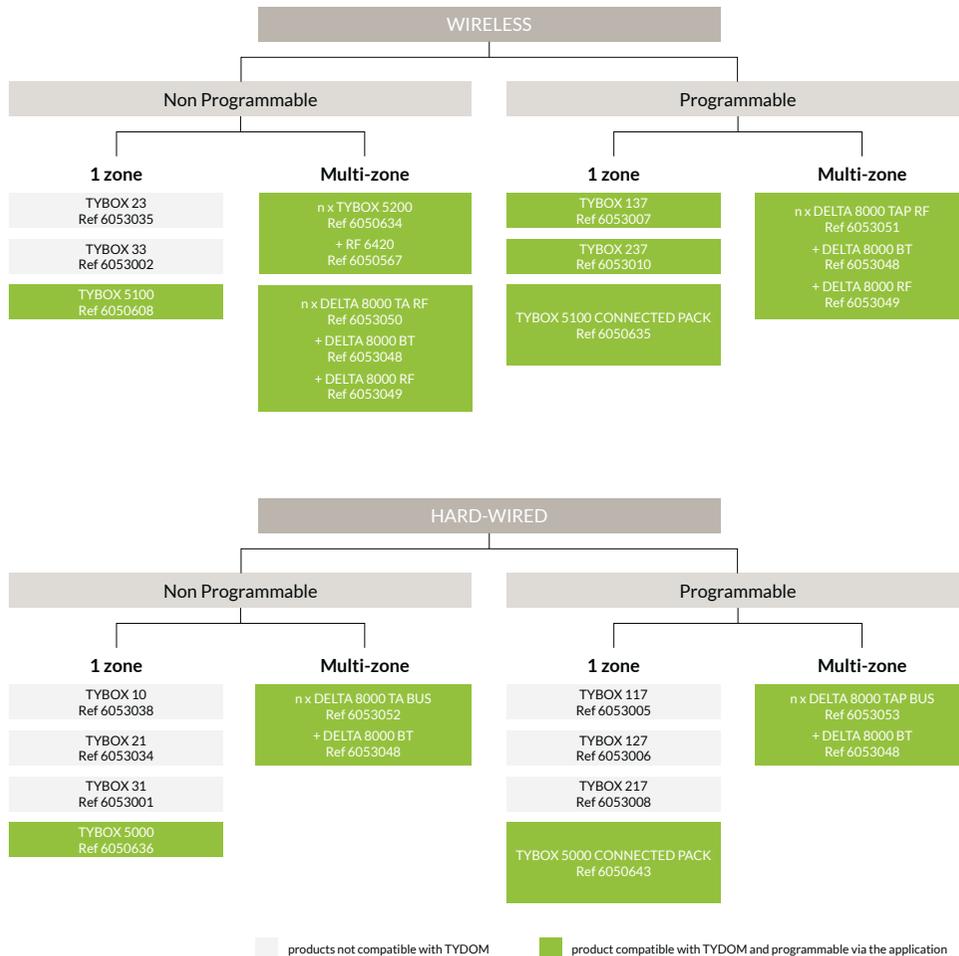
# HYDRAULIC HEATING

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Programmable Thermostats	p.53
Non programmable room thermostats	p.56
2 channel programmer (with thermostat)	p.61



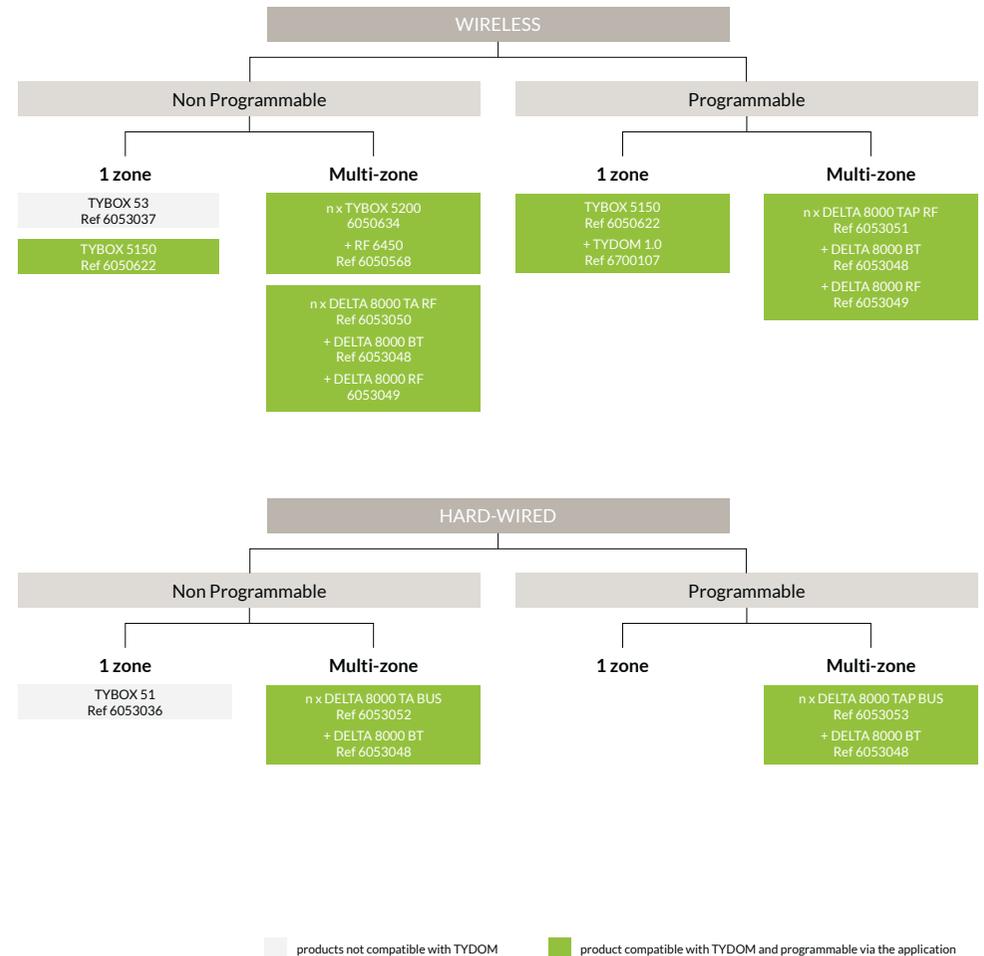
# PRODUCT SELECTOR

## Heating controls or non reversible heat pump

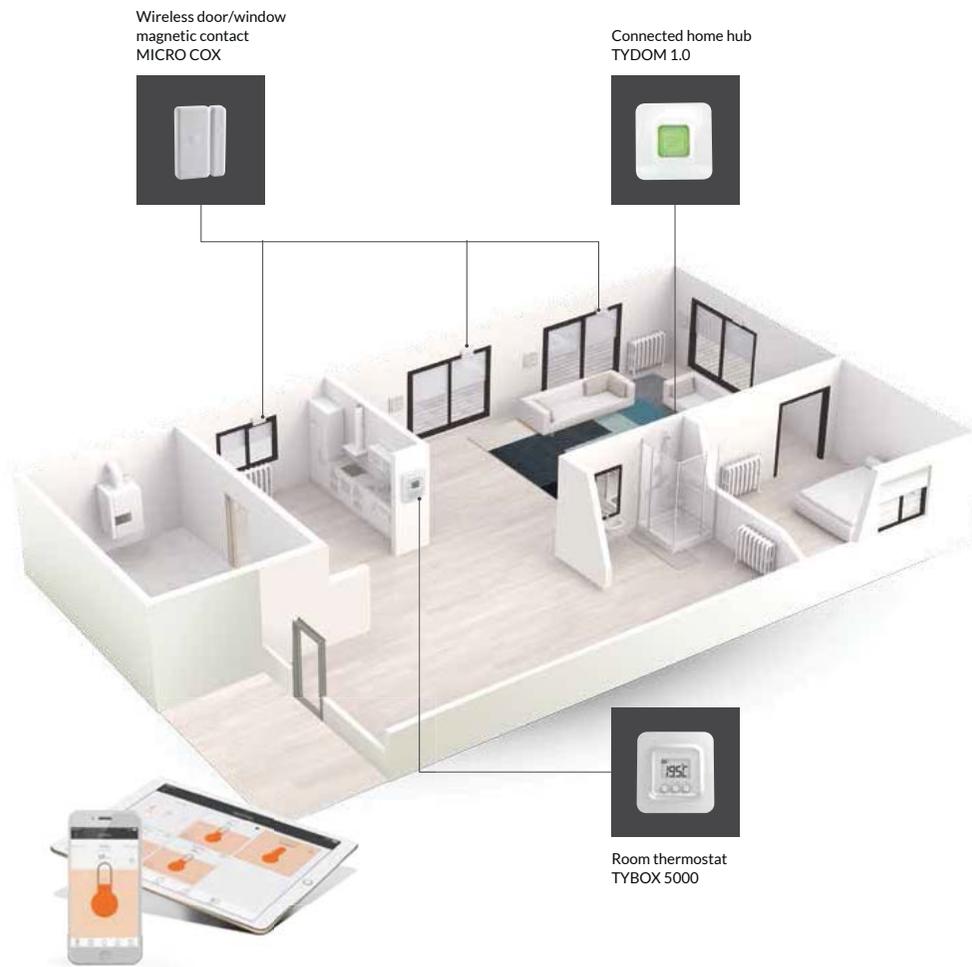


# PRODUCT SELECTOR

## Reversible heat pump (heating and cooling)



## Connected solution for single channel combi boiler



### BENEFITS OF THE SOLUTION:

- Simple use of heating control via the thermostat
- Programming and adjustment of heating remotely via the TYDOM application
- Automatic setback of heating via the MICRO COX if the window is opened (also compatible with TYXAL+ alarm system)

## Multi zone installation for underfloor heating



### BENEFITS OF THE SOLUTION:

- Zone-by-zone comfort control
- Centralised or individual zone by zone programming of heating
- Remote management of the system with smartphone or tablet

# Connected hard wired thermostat pack

## TYBOX 5000 connected pack



### FUNCTIONS

- Thermostat for boiler or non-reversible heat pump
- Modification of thermostat temperature setting
- Display of room temperature on thermostat
- Management and control of heating remotely using TYDOM application



### + USER

- Ideal solution for making a wired installation wireless
- Simple and fast change of temperature setting using the thermostat
- Intuitive remote control and programming with the TYDOM application

### + INSTALLER

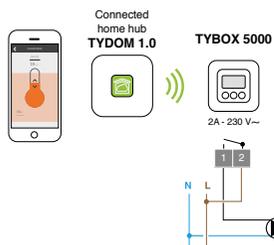
- Simple and fast installation and connection of equipment
- Ability to lock access to installer configurations on the thermostat

### TECHNICAL FEATURES



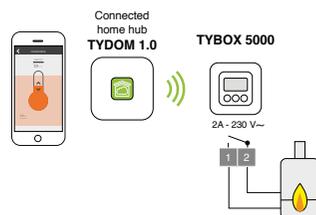
#### Connected home hub TYDOM 1.0

- 230V power supply
- 1 power cord
- 1 RJ45 cable for connection to the internet box
- Radio frequency: 868 MHz
- Radio range: up to 300 meters
- 14 languages available on the TYDOM application
- Application can be downloaded from Android 4.1 and IOS 8.0
- Dimensions: H 100 x W 100 x D 30 mm



#### TYBOX 5000

- Room unit power supply: batteries included (LR03)
- Room temperature setting from 10 to 30°C
- Dimensions: H 80 x W 84 x D 22 mm



Name	Reference
TYBOX 5000 connected pack	6050643
Optional color covers for thermostat	
Cover TYBOX 5100 bronze	6200277
Cover TYBOX 5100 cream	6200278
Cover TYBOX 5100 grey	6200279
Cover TYBOX 5100 red	6200280

# Connected wireless thermostat pack

## TYBOX 5100 connected Pack



### FUNCTIONS

- Thermostat for boiler and heat pump
- Modification of thermostat temperature setting
- Display of room temperature on thermostat
- Management and control of heating remotely using TYDOM application



### + USER

- Remote access to display of the ambient temperature inside the home
- Solution that evolves with the Delta Dore connected ecosystem
- Programming everyday «moments» (alarm, leaving the house, etc.) with multiple uses (heating, lighting, roller shutters, control systems and scenarios)
- Personalisation of the thermostat using 5 colour covers

### + INSTALLER

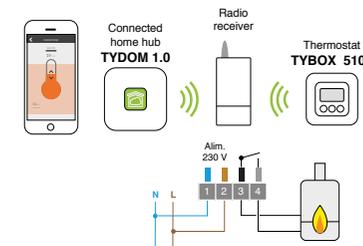
- Simple and fast installation and connection of equipment
- Ability to lock access to installer configurations on the thermostat

### TECHNICAL FEATURES



#### Connected home hub TYDOM 1.0

- 230V power supply
- 1 power cord
- 1 RJ45 cable for connection to the internet box
- Radio frequency: 868 MHz
- Radio range: up to 300 meters
- 14 languages available on the TYDOM application
- Application can be downloaded from Android 4.1 and IOS 8.0
- Dimensions: H 100 x W 100 x D 30 mm



#### TYBOX 5100

##### Room unit

- Room unit power supply: batteries included (LR03)
- Room temperature setting from 10 to 30°C
- Dimensions: H 80 x W 84 x D 21 mm

##### Receiver

- Supply: 230 V
- Connection cable supplied: L=1 m
- 1 contact output 5A

Name	Reference
TYBOX 5100 connected Pack	6050635

# Hard-wired room thermostat for boiler

## TYBOX 5000

NEW



### FUNCTIONS

- Thermostat for boiler
- TPI controller
- Adjustment of temperature setting
- Displays room temperature



### + USER

- Simple and fast change of temperature setting using the thermostat
- Compatible with the TYDOM ecosystem for remote control and programming with smartphone or tablet

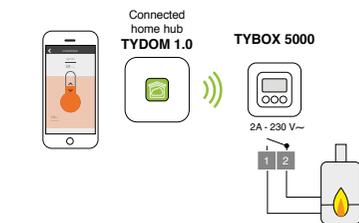
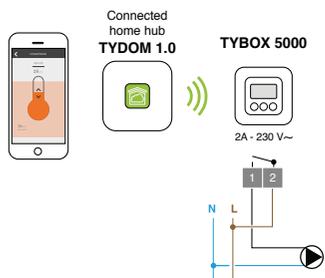
### + INSTALLER

- Simple to install and wire the thermostat
- Temperature sensor calibration
- Ability to lock setting ranges

### TECHNICAL FEATURES



- Room unit power supply: batteries supplied (LR03)
- Radio frequency 868 MHz
- Radio range of 100 to 300 meters
- Adjustment of room temperature settings from 10 to 30°C
- Dimensions: H 80 x W 84 x D 22 mm



Name	Reference
TYBOX 5000	6050636
<b>Optional color covers for thermostat</b>	
Cover TYBOX 5100 bronze	6200277
Cover TYBOX 5100 cream	6200278
Cover TYBOX 5100 grey	6200279
Cover TYBOX 5100 red	6200280

# Zone thermostat for boiler

## TYBOX 5100



### FUNCTIONS

- Thermostat for boiler and heat pump
- TPI controller
- Adjustment of temperature setting
- Displays room temperature



### + USER

- Simple and fast change of temperature setting using the thermostat
- Compatible with the TYDOM ecosystem for remote control and programming with smartphone or tablet

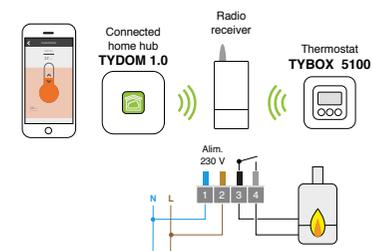
### + INSTALLER

- Simple and fast installation, thanks to its wireless technology
- Temperature sensor calibration
- Possible locking of setting ranges

### TECHNICAL FEATURES



- Radio frequency 868 MHz
  - Radio range 100 to 300 meters
- Room unit**
- Supply: batteries supplied (LR03)
  - Dimensions: H 80 x W 84 x D 21 mm
  - Room setting between 10 and 30°C in thermostat mode
- Receiver**
- Supply: 230 V
  - 1 contact output 5 A (connected to an electrothermic head for zone valve or reservoir)



Name	Reference
TYBOX 5100	6050608
<b>Optional color covers for thermostat</b>	
Cover TYBOX 5100 bronze	6200277
Cover TYBOX 5100 cream	6200278
Cover TYBOX 5100 grey	6200279
Cover TYBOX 5100 red	6200280

# Zone thermostat for reversible heat pump

## TYBOX 5150



### FUNCTIONS

- Zone controller for a reversible heat pump system
- Automatic management of hot/cold supply
- TPI controller
- Modification of the temperature setting for the zone
- Display of the zone's ambient temperature



### + USER

- Simple and fast change of temperature setting using the thermostat
- Compatible with the TYDOM ecosystem for remote control and programming with smartphone or tablet

### + INSTALLER

- Simple and fast installation, thanks to its wireless technology
- Temperature sensor calibration
- Possible locking of setting ranges

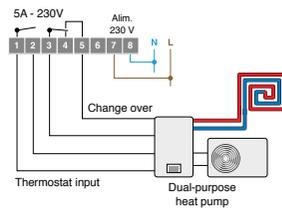
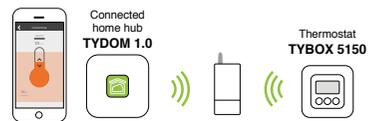
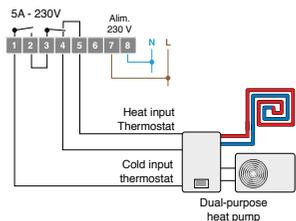
### TECHNICAL FEATURES



- Radio frequency 868 MHz
  - Radio range of 100 to 300 meters
- Room unit**
- Supply: batteries supplied (LR03)
  - Adjustment of room temperature settings from 10 to 30°C
  - Dimensions: H 80 x W 84 x D 21 mm

#### Receiver

- Supply: 230V
- 2 dry contact terminal block outputs



Name	Reference
TYBOX 5150	6050622

Optional color covers for thermostat	
Cover TYBOX 5100 bronze	6200277
Cover TYBOX 5100 cream	6200278
Cover TYBOX 5100 grey	6200279
Cover TYBOX 5100 red	6200280

# Zone thermostat for zone valve

## TYBOX 5200



### FUNCTIONS

- Controller for zone valve or circulator pump
- TPI controller
- Modification of the temperature setting for the zone
- Display of the zone's ambient temperature



### + USER

- Simple and fast change of temperature setting using the thermostat
- Compatible with the TYDOM ecosystem for remote control and programming with smartphone or tablet

### + INSTALLER

- Simple and fast installation, thanks to its wireless technology
- Temperature sensor calibration
- Possible locking of setting ranges

### TECHNICAL FEATURES



- Radio frequency 868 MHz
  - Radio range of 100 to 300 meters
- Room unit**
- Supply: batteries supplied (LR03)
  - Adjustment of room temperature settings from 10 to 30°C
  - Dimensions: H 80 x W 84 x D 21 mm

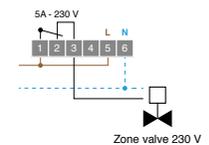
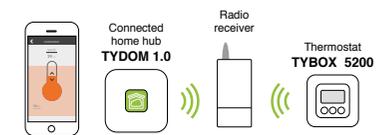


#### Receiver RF 6050

- 230V power supply
  - 1 terminal strip output PSTN
- Receiver RF 6420 (optional)**
- General control receiver
    - to stop the boiler when there is no demand for heating

#### Receiver RF 6450 (optional)

- General command and change-over receiver
  - heat pump inverter (heat/cool)



Name	Reference	
TYBOX 5200	6050634	
RF 6050	6050633	
RF 6420	6050567	
RF 6450	6050568	
TYBOX 5101	Details p.48	6300045

## DELTA 8000 BT

NEW



### FUNCTIONS

- Regulation for multi-zone underfloor and radiator system (up to 8 zones)
- Hybrid system (Bus and wireless)
- Control of modulating thermal actuators
- Control of reversible system (Heat/Cool)
- Installation can be extended up to 16 zones (addition of a second parallel unit)
- Flexible solution able to cover all types of installation with multiple zones
- Solution evolves over time with the Delta Dore connected ecosystem (via TYDOM)



### + USER

- Intuitive control and programming of heating with the thermostat
- Battery life of 10 years for products using batteries
- Solution evolves over time with the Delta Dore connected ecosystem (via TYDOM)

### + INSTALLER

- East to connect and fit cables
- Adjustable system, mixed between wireless and Bus
- Installation can be altered at any time
- Locking of access to settings
- Fault alert system

### TECHNICAL FEATURES

- General supply 230 V
- Valve supply (24 V or 230 V): 4A max
- 8 operating contact outputs valves, 1A Max per output
- 2 dry contact outputs for burner and circulator, 2A Max per output
- 2 Communication buses for connecting bus thermostats
- 1 change-over input/output (depending on configuration)
- 1 sensor input for water monitoring function
- Degree of protection: IP 33
- Dimensions: H 250 x W 95 x D 43 mm

## Underfloor Heating gateway receiver

### DELTA 8000 RF 6053049

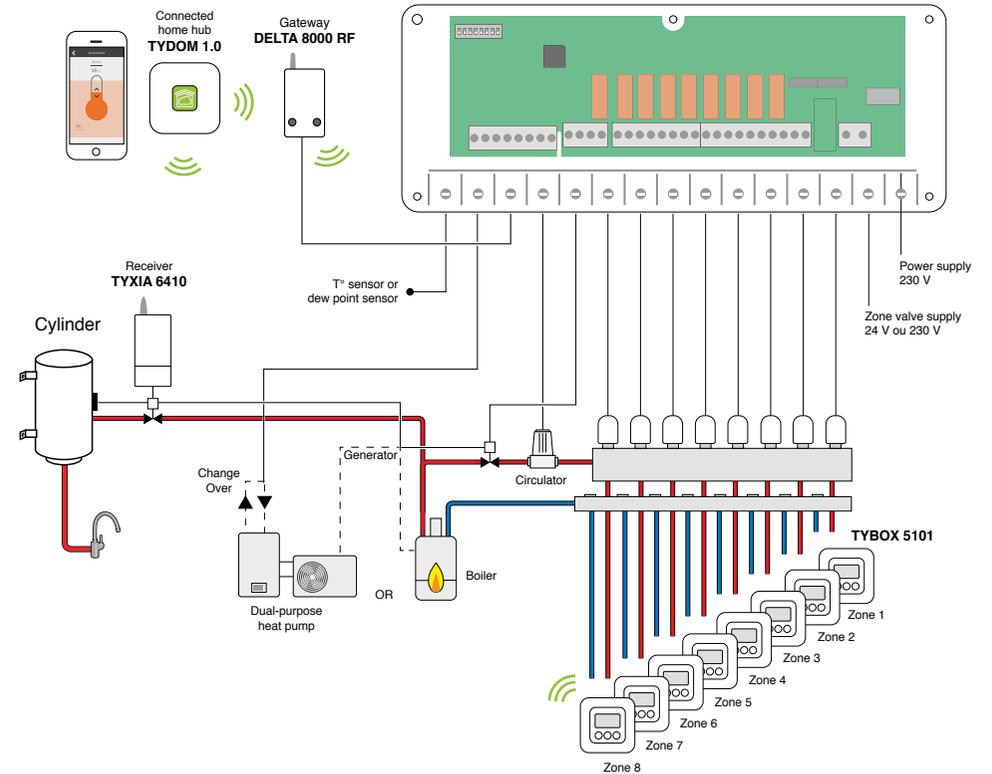


### FUNCTIONS

- Transforms the bus system to a wireless system (1 single receiver required by the entire wiring centre - up to 16 zones)
- Makes the installation compatible with TYDOM and control via the application (up to 32 thermostats)

### TECHNICAL FEATURES

- Supply by bus, 24 V
- 2 cable bus input/output
- Association capacity: 64 products max.
- Protection index: IP44 - IK04
- Radio frequency 868 MHz
- Radio range from 100 to 300 meters
- Dimensions: H 54 x W 120 x D 25 mm



Name	Reference
DELTA 8000 BT	6053048

## Multi-zone thermostat

### TYBOX 5101

#### FUNCTIONS

- Single room sensor
- TPI control
- Displays room temperature
- Compatible with Solar Optimisation



#### + USER

- Feedback remotely informing of the room temperature in the house
- Small in size for discrete installation

#### + INSTALLER

- Simple and fast installation, thanks to its wireless technology
- Temperature sensor calibration
- Possible locking of setting ranges

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- Radio range 100 to 300 meters
- Dimensions: H 80 x W 84 x D 21 mm
- Power supply with 2 LR03 batteries included
- Room setting between 10 and 30°C in thermostat mode
- Compatible: RF 4890 for controlling electric underfloor heating

Name	Reference
TYBOX 5101	6300045
<b>Optional color covers for thermostat</b>	
Cover TYBOX 5100 bronze	6200277
Cover TYBOX 5100 cream	6200278
Cover TYBOX 5100 grey	6200279
Cover TYBOX 5100 red	6200280

## Zone thermostat for Underfloor heating

### DELTA 8000 TA RF, DELTA 8000 TA BUS

NEW

#### FUNCTIONS

- Adjustment of temperature setting
- Management of Heat/Cool mode
- Master control function (centralised control)



#### + USER

- Reading and navigation helped with back-lit screen in 2 colours
- Battery life of 10 years for wireless version

#### + INSTALLER

- Fast and easy configuration phase
- Ability to lock access to settings
- Fault alert system

#### TECHNICAL FEATURES

- LCD screen with blue/orange back-lighting
  - Degree of protection: IP30
  - Dimensions: 81 x 88 x 21 mm
- DELTA 8000 TA RF**
- Supply: 2 1.5 V lithium batteries, LR03 (AAA)
  - Battery life: 10 years
  - Radio frequency 868 MHz
  - Radio range from 100 to 300 meters

#### **DELTA 8000 TA Bus**

- Supply from bus, 24 V
- 2 cable bus input/output

Name	Reference
DELTA 8000 TA RF	6053050
DELTA 8000 TA BUS	6053052

# Programmable zone thermostat for Underfloor Heating

## DELTA 8000 TAP RF, DELTA 8000 TAP BUS

NEW

### FUNCTIONS

- Weekly programming of a zone
- Heat/Cool mode management
- Opening detection function
- Presence detection function
- Auto/Standby/Manual/Absence Modes
- Master function (centralised control)



### + USER

- Reading and navigation assisted with backlit screen in 2 colours
- Fast access to different modes (Party, etc.)

### + INSTALLER

- Fast and easy configuration phase
- Ability to lock access to settings
- Fault alert system

### TECHNICAL FEATURES

- LCD screen with blue/orange back-lighting
- Degree of protection: IP30
- Dimensions: 81 x 135 x 22 mm

#### DELTA 8000 TAP RF

- Supply: 2 1.5 V lithium batteries, LR03 (AAA)
- Battery life: 10 years
- Radio frequency 868 MHz
- Radio range from 100 to 300 meters

#### DELTA 8000 TAP Bus

- Supply from Bus, 24 V
- 2 cable bus input/output

Name	Reference
DELTA 8000 TAP RF	6053051
DELTA 8000 TAP BUS	6053053

# WIRELESS 8-zone programmer for Underfloor heating

## DELTA 8000 MASTER

NEW

### FUNCTIONS

- Weekly programming, centralised or by zone (up to 8 zones)
- Management of Heat/Cool module
- Opening detection function
- Auto/Standby/Manual/Absent modes



### + USER

- Reading and navigation assisted with backlit screen in 2 colours
- Fast access to different modes (Standby, etc.)
- 10 year battery life

### + INSTALLER

- Simple and fast wireless connection to existing system
- Ability to lock access to settings
- Fault alert system

### TECHNICAL FEATURES

- Power supply: 2 1.5 V lithium batteries, LR03 (AAA)
- Battery life: 10 years
- LCD screen with blue/orange back-lighting
- Degree of protection: IP30
- Radio frequency 868 MHz
- Radio range from 100 to 300 meters
- Dimensions: H 81 x W 135 x D 22 mm

Name	Reference
DELTA 8000 MASTER	6053054

# Hot Water receiver

## TYXIA 6410

### FUNCTIONS

- Controls the Hot Water demand on/off when used with a hard wired cylinder thermostat on a vented or unvented cylinder
- Takes the place of a programmer for on/off programming via TYDOM Functions in mode 3
- Turn a hard wired cylinder thermostat into a wireless cylinder thermostat with the TYXIA 2700 (use in conjunction with TYDOM for programming)



### + USER

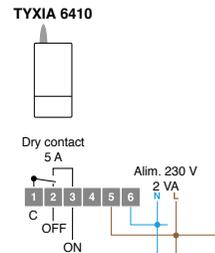
- Gives programming and on/off control from Tydom application locally or remotely from a smartphone or tablet

### + INSTALLER

- Direct replacement for a programmer (when used with TYDOM)
- Perfect for centralising multi zone/multi function systems.

### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 control channel
- Degree of protection: IPX4-IPK04
- Tropicalised electronic card
- Surface mounted
- Operating range: -5° to +40°C
- Dimensions: H 120 x W 54 x D 25 mm (without antenna)
- 230V power supply with live and neutral
- 1 change-over continuous function or pulse dry contact output 5 A max.
- Pulse time selection 250 ms or 4 seconds
- Compatible with the mesh network function
- Contact output selection between NO or NC when idle
- Possibility of associating up to 16 transmitters
- Install in a watertight box if there is a risk of splashing



Name	Reference
TYXIA 6410	6351180

# Programmable thermostat for boiler with 2 temperature settings

## TYBOX 117 Hard wired (battery), TYBOX 127 Hard wired (mains), TYBOX 137 Radio

### FUNCTIONS

- Boiler or non reversible heat pump control
- Weekly programming (7 day/24hr)
- Setting of 2 different temperature settings
- Programming option every 15 min, 30 min or hourly
- Holiday program with integrated calendar
- Manual override function
- Automatic time change: Summer/Winter



TYBOX 117/127

TYBOX 137



### + USER

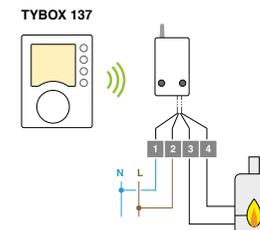
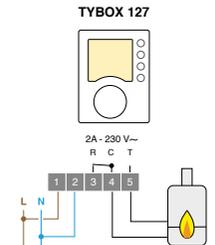
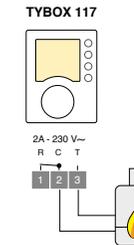
- Customisable programming for enhanced comfort on a daily basis
- Up to 25% savings on your heating bill
- Easy to use with its selector wheel

### + INSTALLER

- Temperature sensor calibration
- Possible locking of programming
- Reminder of annual maintenance for the boiler or heat pump

### TECHNICAL FEATURES

- Setting range between 5° and 30°C
- Room unit dimensions: H 104 x W 80 x D 35 mm
- TYBOX 117**
  - Room unit powered by 2 LR03 batteries (included)
  - Change-over dry contact output: 2A
- TYBOX 127**
  - Room unit power supply: 230V mains
  - Change-over dry contact output: 2A
- TYBOX 137**
  - Room thermostat unit power supply 2 LR03 batteries (included)
  - Receiver power supply: 230 V
  - Dry contact output: 5A
  - Radio frequency: 868 MHz
  - Contents: 1 thermostat + 1 receiver + wall mount/freestanding base



Name	Reference
TYBOX 117	6053005
TYBOX 127	6053006
TYBOX 137	6053007
TYBOX 157 Thermostat only	6053021
RF 642 (16 amp)	6351037
Finishing plate	6050566

# Wireless programmable thermostat for boiler or non-reversible heat pump

## TYBOX 147

### FUNCTIONS

- Boiler or non reversible heat pump control
- Weekly programming (7 day/24hr)
- Setting of 2 different temperature settings
- Programming option every 15 min, 30 min or hourly
- Holiday program with integrated calendar
- Boiler operation timer (except DHW)
- Automatic time change: Summer/Winter
- Industry standard wall plate receiver



### + USER

- Customisable programming for enhanced comfort on a daily basis
- Up to 25% savings on your heating bill
- Easy to use with its selector wheel

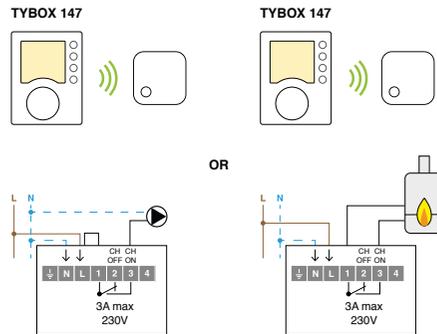
### + INSTALLER

- Temperature sensor calibration
- Possible locking of programming
- Reminder of annual maintenance for the boiler or heat pump
- Pre associated industry standard wall plate receiver for quick and easy replacement

### TECHNICAL FEATURES



- The kit contains: 1 thermostat + 1 Wallplate receiver
- Room unit power supply: 2 AAA batteries (supplied)
- Receiver power supply: 230 V
- Dry contact output: 3 A
- Control range from 5 to 30°C
- Setting of the control time base (15 min / 30 min / 45 min / 1 hour)
- Wall-mounted receiver



Name	Reference
TYBOX 147	6053020

# Programmable thermostat for boiler with 6 temperature settings

## TYBOX 217 Hard wired, TYBOX 237 Radio

### FUNCTIONS

- Boiler or non reversible heat pump control
- Weekly programming (7 day or 5/2)
- Setting of up to 6 different temperature settings
- Program for day at home
- Holiday program with integrated calendar
- Manual override function
- Automatic time change: Summer/Winter



TYBOX 217

TYBOX 237

### + USER

- Customisable programming for enhanced comfort on a daily basis
- Up to 25% savings on your heating bill
- Easy to use with its selector wheel

### + INSTALLER

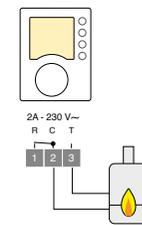
- Temperature sensor calibration
- Possible locking of programming
- Reminder of annual maintenance for the boiler or heat pump

### TECHNICAL FEATURES

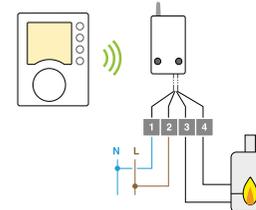


- Setting range between 5 ° and 30°C
- Room unit dimensions: H 104 x W 80 x D 35 mm
- TYBOX 217**
  - Room unit powered by 2 LR03 batteries (included)
  - Change-over dry contact output: 2A
- TYBOX 237**
  - Room thermostat unit power supply 2 LR03 batteries (included)
  - Receiver power supply: 230 V
  - Dry contact output: 5A
  - Radio frequency 868 MHz
  - Contains: 1 thermostat + 1 receiver + wall mount/freestanding base

TYBOX 217



TYBOX 237



Name	Reference
TYBOX 237	6053010
TYBOX 257 Thermostat only	6053023
RF 642 (16 amp)	6351037
Finishing plate	6050566
TYBOX 217	6053008
RF outdoor sensor	6300036

# Non programmable digital room thermostat for Boiler

## TYBOX 21 Hard wired, TYBOX 23 Radio

### FUNCTIONS

- Boiler or non reversible heat pump control
- 4 operating modes: comfort, set back, frost protection, off
- Displays the room or setting temperature



TYBOX 21

TYBOX 23

### + USER

- Small size for discreet installation
- Easy-to-read screen with backlight function
- Quick operating mode selection

### + INSTALLER

- Temperature sensor calibration
- Possible locking of temperature

### TECHNICAL FEATURES

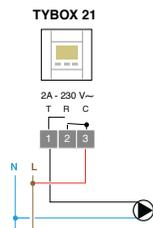
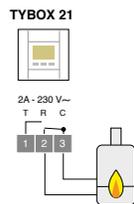
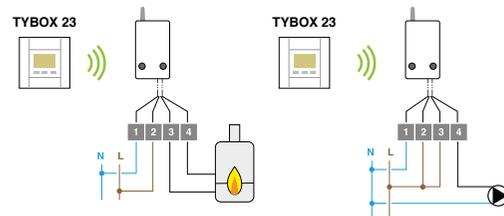
- Thermostat dimensions: H 80 x W 80 x D 23 mm
- Room unit powered by 2 LR03 batteries (included)

#### TYBOX 21

- Change-over dry contact output: 2A

#### TYBOX 23

- Radio frequency 868 MHz
- Receiver supply: 230 V
- Dry contact output: 5A
- Receiver cable length: 2 m
- Contents: 1 thermostat + 1 receiver + base



Name	Reference
TYBOX 21	6053034
TYBOX 23	6053035
TYBOX 25 thermostat only	6053015
RF 642 (16 amp)	6351037

# Non programmable digital room thermostat (with temperature wheel) for Boiler

## TYBOX 31 Hard wired, TYBOX 33 Radio

### FUNCTIONS

- Boiler or non reversible heat pump control
- 4 operating modes: comfort, set back, frost protection, off
- Displays the room or setting temperature
- Timed economy function to reduce the heating during a temporary absence period



TYBOX 31

TYBOX 33

### + USER

- Easy to use with its selector wheel
- Easy to read with its backlit screen

### + INSTALLER

- Temperature sensor calibration
- Possible locking of temperature

### TECHNICAL FEATURES

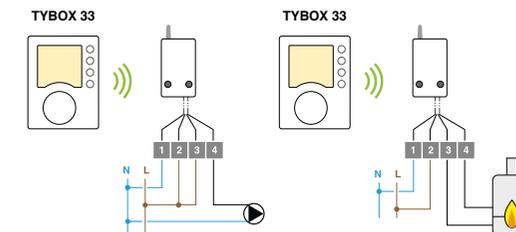
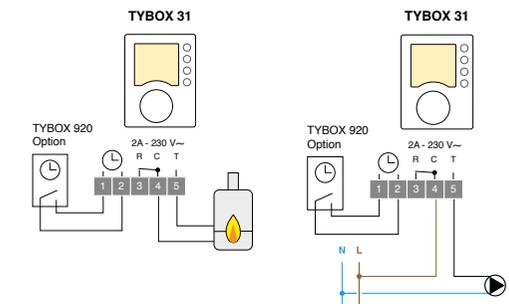
- Setting range between 5 °and 30°C
- Room unit dimensions: H 104 x W 80 x D 35 mm

#### TYBOX 31

- Room unit supply: 2 LR03 batteries
- Change-over dry contact output: 2A

#### TYBOX 33

- Room unit supply: 2 LR03 batteries
- Receiver power supply: 230 V
- Receiver cable length: 2 m
- Dry contact output: 5A
- Radio frequency: 868 MHz
- Contents: 1 thermostat + 1 receiver + wall mount/freestanding base



Name	Reference
TYBOX 31	6053001
TYBOX 33	6053002
TYBOX 35 thermostat only	6053017
TYBOX 920	6053013

# Non programmable digital room thermostat (with temperature wheel) for Boiler

## TYBOX 34 Wall plate

### FUNCTIONS

- Boiler or non reversible heat pump control
- 4 operating modes: comfort, set back, frost protection, off
- Displays the room or setting temperature
- Timed economy function to reduce the heating during a temporary absence period
- Industry standard wall plate receiver



### + USER

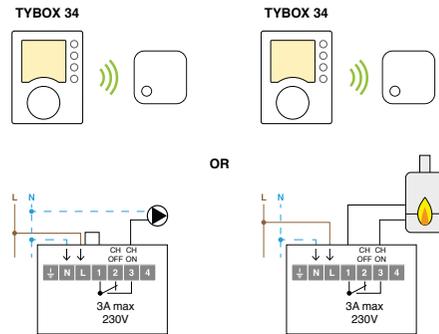
- Easy to use with its selector wheel
- Easy to read with its backlit screen

### + INSTALLER

- Pre associated industry standard wall plate receiver for quick and easy replacement
- Temperature sensor calibration
- Possible locking of temperature

### TECHNICAL FEATURES

- Power supply of the room unit: 2 AAA batteries (supplied)
- Receiver power supply: 230 V
- Dry contact output: 3 A
- Four operating modes : Comfort, Reduced, Frost Protection, Off
- Control range from 5 to 30°C
- Setting of the control time base (15 min / 30 min / 45 min / 1 hour)
- Wall-mounted receiver



Name	Reference
TYBOX 34 Wall plate	6053016

# Non programmable room thermostat for reversible heat pump

## TYBOX 51 Hard wired, TYBOX 53 Radio

### FUNCTIONS

- PMW control for reversible heat pump
- 3 operating modes: Heat, Cool, Off
- Setting by mode
- Displays the room or setting temperature



TYBOX 51

TYBOX 53

### + USER

- Reduced size enabling a discreet installation

### + INSTALLER

- Temperature sensor calibration
- Possible locking of temperature

### TECHNICAL FEATURES

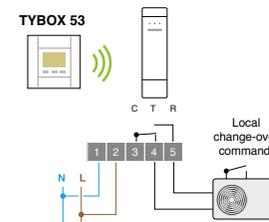
- Dimensions of room unit: H 80 x W 80 x D 23 mm
- Room unit power supply: 2 LR03 batteries (included)

#### TYBOX 51

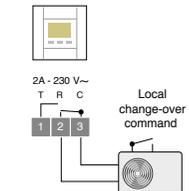
- Change-over dry contact output: 2 A

#### TYBOX 53

- Radio frequency: 868 MHz
- Receiver supply: 230 V
- Dry contact output: 5 A
- Contents: 1 thermostat + 1 receiver + wall mount/freestanding base



TYBOX 51



Name	Reference
TYBOX 51	6053036
TYBOX 53	6053037

# Mechanical room thermostat for Boiler

## TYBOX 10

### FUNCTIONS

- On/Off mechanical thermostat
- Control suited to individual homes or for small offices



### + USER

- Easy to use
- Operates without power supply

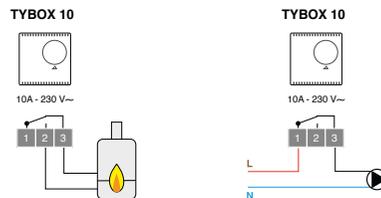
### + INSTALLER

- Possible locking of setting ranges
- No power relay required with the 10A output

### TECHNICAL FEATURES



- 10 A Change-over dry contact
- Temperature differential 0.8 +/- 0.2°C
- 2 wire connection
- Surface mounted
- Adjusting temperature settings: 6 to 30°C
- Room unit dimensions: H 82 x W 75 x D 31 mm



Name	Reference
TYBOX 10	6053038

# 2 channel wireless programmer with built in thermostat (heating & hot water)

## TYBOX 827 W RF

### FUNCTIONS

- Up to 6 adjustable temperature settings, from 5 to 30°C
- Programming: daily or weekly, customisable day by day for 2 channels
- Service interval: display of the time remaining before service required
- Automatic summer/winter time change
- Program copy function to duplicate a program over several days
- Override function
- Holiday mode
- Room temperature or temperature setting display
- Circulator pump anti-seizing function
- Backlit screen



### + USER

- Discreet installation allows heating/hot water & thermostatic control from one unit
- Programs and settings can be locked
- When the heating is in shutdown position, it protects the circulator thanks to the anti-seizing function

### + INSTALLER

- Compatible with System Boilers (S plan & Y plan)
- Wall plate replaces 2 channel programmer for quick and easy installation (standard industry wall plate)
- Thermostat integrated to programmer

### TECHNICAL FEATURES

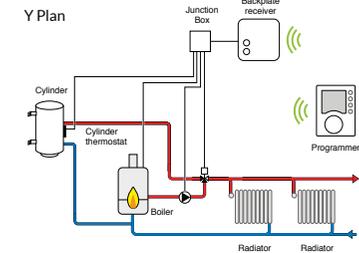
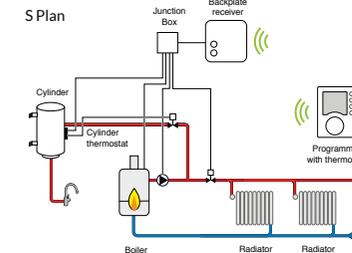


#### Room unit

- Power supply: 2 x 1.5V AAA batteries (supplied)
- Clock backup when replacing the batteries: 30 seconds
- Radio range: 100 to 300 meters
- Frequency: 868MHz
- Attachment with screws or on a base
- Dimensions: H 103 x W 80 x D 16 mm

#### Receiver RF 827

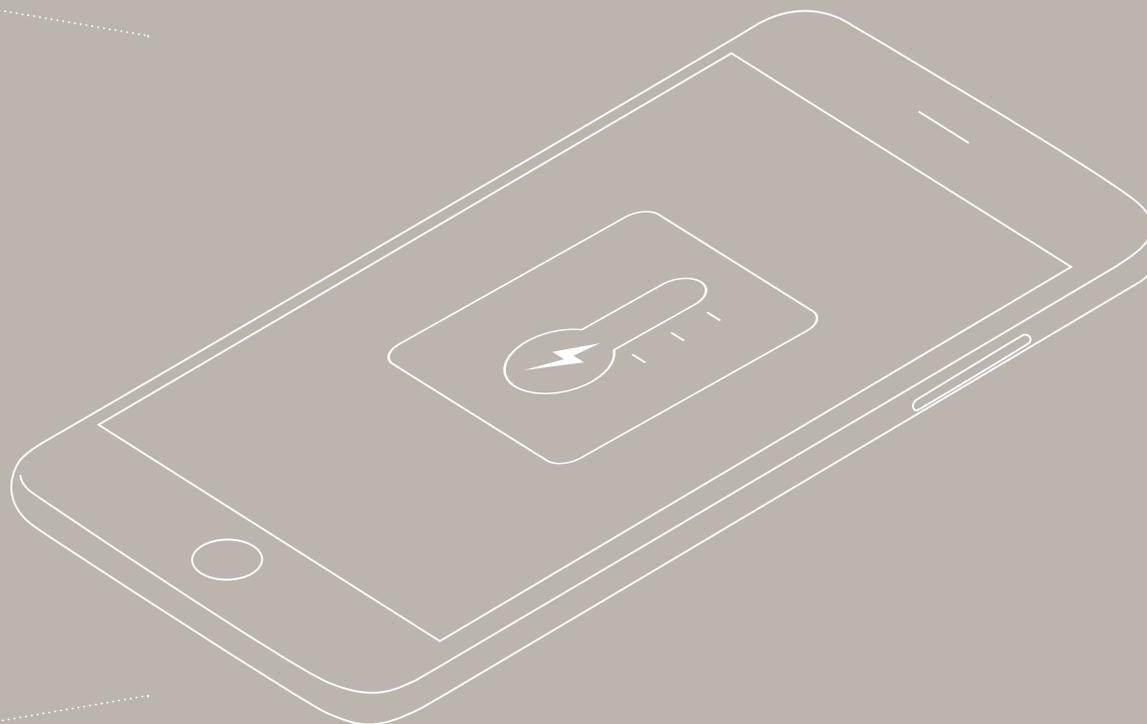
- Power supply: 230 V
- Contact output 3 A max.
- Radio range: 100 to 300 meters
- Radio frequency 868 MHz
- Screw mounting (standard Wall plate)
- Dimensions: H 96 x W 96 x D 39 mm



Name	Reference
TYBOX 827 W RF	6050537

# ELECTRIC HEATING

Applications	p.64
Electric Underfloor heating	p.66
Electric Radiators (16 A)	p.68
Pilot wire	p.69
Thermostats	p.70
Programmings	p.71
Sensors	p.73



## Connected solution for electric underfloor heating and Infrared panels



### BENEFITS OF THE SOLUTION:

- Room by room or centralised control and programming of heating using the Tydom application
- Automatic activation of the heating frost protection mode when an open window is detected
- Solution that evolves with the connected Delta Dore ecosystem

## Connected solution for electric radiators



### BENEFITS:

- Local control of electric heating zone by zone with the thermostats
- Ability to centralise the control of 16 convectors by one thermostat
- Automatic activation of the heating frost protection mode when an open window is detected.
- Remote control and programming with the Tydom application
- Solution that can evolve at any time with the connected Delta Dore ecosystem

# Zone thermostat for electric Underfloor heating & Infrared heating

## TYBOX 5101 + RF 4890



### FUNCTIONS

- Specific for electric underfloor heating or infrared panels
- Solution compatible with the TYDOM application for remote control and programming of heating
- Individual room control with the TYBOX 5101 zone thermostat
- Choice of control: on the zone thermostat, with or without temperature limitation on floor sensor, or on the RF 4890 receiver connected to the floor sensor
- Possibility of registering up to 16 RF 4890 receivers on one TYBOX 5101 zone thermostat
- Activation of frost protection when a window is open, when connected to a magnetic window contact



### + USER

- Ideal for individual room temperature control
- The zone thermostat offers high control accuracy
- Control and programming of other uses (alarm, lighting, etc.), from a tablet or smartphone using TYDOM 1.0
- Possibility of adding a floor sensor for greater comfort and safety

### + INSTALLER

- Quick and flush-mounted installation
- Ability to control using the receiver

### TECHNICAL FEATURES

#### RF 4890 receiver

- 230V power supply with live and neutral
- Radio frequency 868 MHz
- 1 10A on/Off output control channel
- 1 hard-wired live input for load shedding
- 2 wires for connection to floor sensor
- UFH mat cable: 2.5mm<sup>2</sup> flexible
- Cable section accepted by the product: 2.5 mm<sup>2</sup> flexible and 1.5 mm<sup>2</sup> solid
- Max. power for resistive load: 2300 W
- Setting range for floor sensor temperature limitation on RF 4890: 20 to 45°C
- Operating temperature: -5°C to 35°C
- Dimensions: H 50 x W 47 x P 33 mm

#### TYBOX 5101 zone thermostat

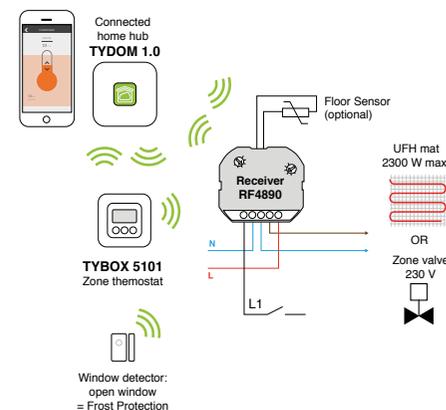
- Power supply 2 LR03 batteries included
- Radio frequency 868 MHz
- Radio range of 100 to 300 meters
- Adjustment of room temperature settings from 10 to 30°C in thermostat mode
- Dimensions: H 80 x W 84 x D 22 mm

### COMPLETE YOUR INSTALLATION

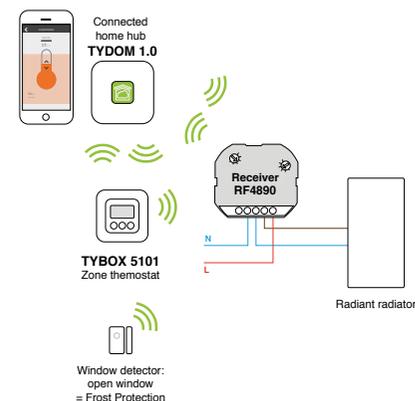
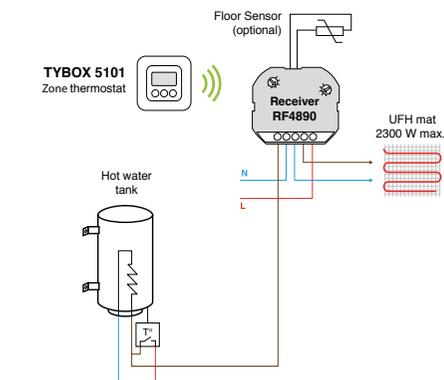
- > Control of zone temperature with TYBOX 5101
- > Frost Protection activated if window is open via DO TYXAL+ or MDO TYXAL+

Name	Reference
TYBOX 5101	6300045
RF 4890	6050615
Floor sensor (optional)	6300037

### Wiring diagrams for the RF 4890



### Wiring diagram of the RF 4890 with hot water linked to the switching of the electric underfloor heating



# Room thermostat and 16A receivers for electric radiators

## MINOR 1000, RF 6620, RF 6630, RF6640

NEW



### FUNCTIONS

- Regulation of electric radiators
- Ability to connect up to 16 receivers to a thermostat
- Display of room temperature and relative humidity
- Display of convector consumption in KWh
- Frost protection upon detection of open window (magnetic contact required)
- Reduction feature upon detection of absence (motion detector required)
- Solution compatible with the TYDOM application for remote control of the system



MINOR 1000

RF 6620

RF 6630  
RF 6640

### + USER

- Intuitive control of heating with the thermostat
- Thermostat battery life of 10 years
- Solution evolves over time with Delta Dore connected ecosystem (via TYDOM)

### + INSTALLER

- Multiple versions of receivers to suit any possible installation type
- Easy to install and connect products
- Locking of access to settings on the thermostat

### TECHNICAL FEATURES

#### Room thermostat

- Supply: 2 1.5 V lithium batteries, LR03 (AAA)
- Battery life: 10 years
- LCD screen with blue back-lighting
- Degree of protection: IP30
- Radio frequency 868 MHz
- Radio range of 100 to 300 meters
- Fitting on wall or table
- Dimensions: H 80 x W 80 x D 25 mm

#### 16A wireless receivers

- Supply 230 V, 50 Hz
- Dimensions: H 54 x W 120 x D 25 mm
- Degree of protection: IP44 - IK04
- Radio frequency 868 MHz
- Radio range from 100 to 300 meters

#### RF 6620 receiver

- 16A powered contact cable output

#### RF 6630 receiver

- 16A powered contact terminal output

#### RF 6640 receiver

- 16A dry contact terminal output

Name	Reference
MINOR 1000	6151058
RF 6620	6050638
RF 6630	6050640
RF 6640	6050641

# Pilot wire and 16 A receivers

## Receivers RF 660 FP, RF 642, RF 6600 FP, RF 6620, RF 6630, RF 6640

### TECHNICAL FEATURES

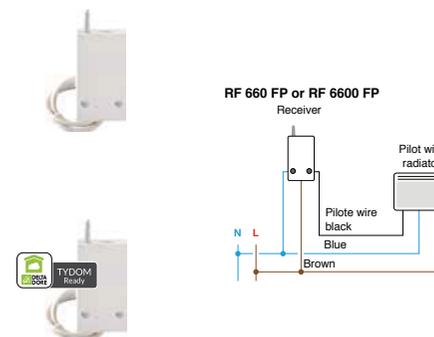
- Power supply 230 V
- Radio Frequency 868 MHz
- Radio range 100 to 300 meters

#### RF 660 FP

- For 4 or 6 order pilot wire radiators (associate to radio driver 630)
- Operation on a single radiator with a pilot wire length up to 3 m
- Dimensions: H 102.5 x W 54 x D 19 mm (without antenna)

#### RF 6600 FP

- For 4 or 6 order pilot wire radiators associated to TYDOM
- Programming in Comfort / Eco / Frost Protection / Off
- Mesh system compatible
- Operation on a single radiator with a pilot wire length up to 3 m
- Number of receivers associated with TYDOM 1.0: 32 receivers
- Also available as a connected pack (3x RF 6600FP + TYDOM 1.0)
- Dimensions: H 102.5 x W 54 x D 19 mm (without antenna)



#### 16 A Receivers

- For the control of electric radiators (via power)  
(To be associated with the MINOR 1000/TYBOX 5101)

#### RF 6620

- Wired output powered 16 A contact

#### RF 6630

- Terminal output powered 16 A contact

#### RF 6640

- Terminal block output, 16 A dry contact

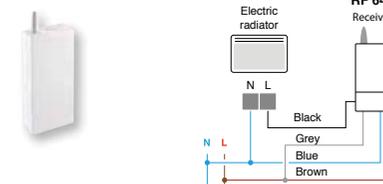


RF 6620

RF 6630 / RF 6640

#### RF 642

- For the control of electric radiators (via power) (To be associated with TYBOX 25, TYBOX 35, TYBOX 157 or TYBOX 257)
- Terminal block output, 16 A dry contact
- Dimensions: H 120 x W 54 x D 25 mm (without antenna)



Name	Reference
RF 660 FP	6050430
RF 6600 FP	6050561
RF 6620	6050638
RF 6630	6050640
RF 6640	6050641
RF 642	6351037

# Digital thermostat for ceiling or floor heating

## MINOR 12

### FUNCTIONS

- Room thermostat for floor or ceiling heating
- TPI control
- 5 functional modes (comfort, eco, frost protection, off, automatic)
- Choice of temperature measurement (on room unit or by floor sensor)
- Automatic management of the first 20 days for progressive initial heating of the traditional or liquid slab
- Pilot wire input for the control of the thermostat in automatic mode by a DRIVER programmer



### + USER

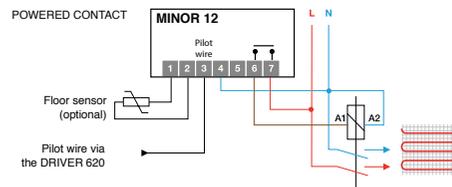
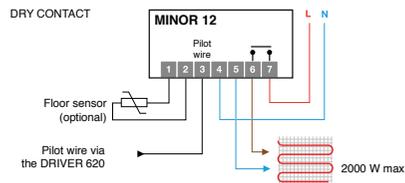
- High-performance electronic regulation allowing savings to be made on heating
- Progressive warming up for initial heating of system
- Easy to read with back-lit screen

### + INSTALLER

- Limitation of modification to setting ranges
- Calibration of the temperature sensor
- Choice of regulation sensor and transmitter type (ceiling or floor)

### TECHNICAL FEATURES

- 230 V supply
- 1 supplied contact output 10 A / 230 V
- 6 order pilot wire input for programming with:
  - a DRIVER programmer
- Rated IP 30
- Semi-flush mounted
- Attachment to flush mounting box (Ø 60 mm)
- Dimensions: H 104 x W 80 x D 48 mm



### COMPLETE YOUR INSTALLATION

- > Programming of heating with DRIVER 620

Name	Reference
MINOR 12	6151055
Floor sensor (optional)	6300037

# 2-zone programmer for Pilot Wire electric heating

## DRIVER 620

### FUNCTIONS

- Weekly programming for 1 or 2 zones
- Timer-controlled zone override from 15 minutes to 72 hours
- Continuous override function using the selector dial
- Away program for an absence of between 1 and 365 days
- Room temperature reading
- Controls 4-order Pilot Wire heaters (Comfort, Economy, Frost Protection, Off)



### + USER

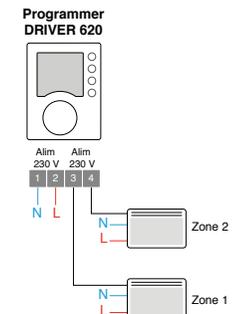
- Easy to use with its central selector

### + INSTALLER

- Saves space in the electrical switchboard
- Compatible to replace the micro driver 2H FP

### TECHNICAL FEATURES

- Power supply: 230 V
- Wall-mounted room unit or installed in a flushmounted
- box (60 mm diameter)
- 2 four-order Pilot Wire outputs
- Dimensions : H 104 x L 80 x P 35 mm



Name	Reference
DRIVER 620	6050426

# Multi-use modular thermostat

## T1C-2 DIGIT

### FUNCTIONS

- Digital display electronic thermostat
- On or Off control
- Ability to define 1 temperature limit value
- Control of temperature of room, floor, etc.



T1C-2 DIGIT

### + USER

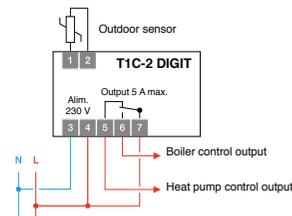
- Suited to heating systems of office or industrial buildings

### + INSTALLER

- Simple and practical installation to electrical switchboard

### TECHNICAL FEATURES

- Functions with 1 k $\Omega$  sensor not supplied
- 1 change-over dry contact 5 A / 230 V
- Adjustment of settings from -10 to 90°C by 0.5°C step
- Differential adjustable from 0.2 to 2°C by 0.1°C step
- Dimensions: 3 modules



Name	Reference
T1C-2 DIGIT	6150031

# Indoor and outdoor temperature sensors hard wired and wireless

### 0 WIRELESS OUTDOOR SENSOR



### 2 HARD-WIRED OUTDOOR SENSOR



### 4 INDOOR ROOM SENSOR



### 1 5 UNDERFLOOR SENSOR (3 m)



### 3 SELF-ADHESIVE WALL-MOUNTED SENSOR (193 cm)



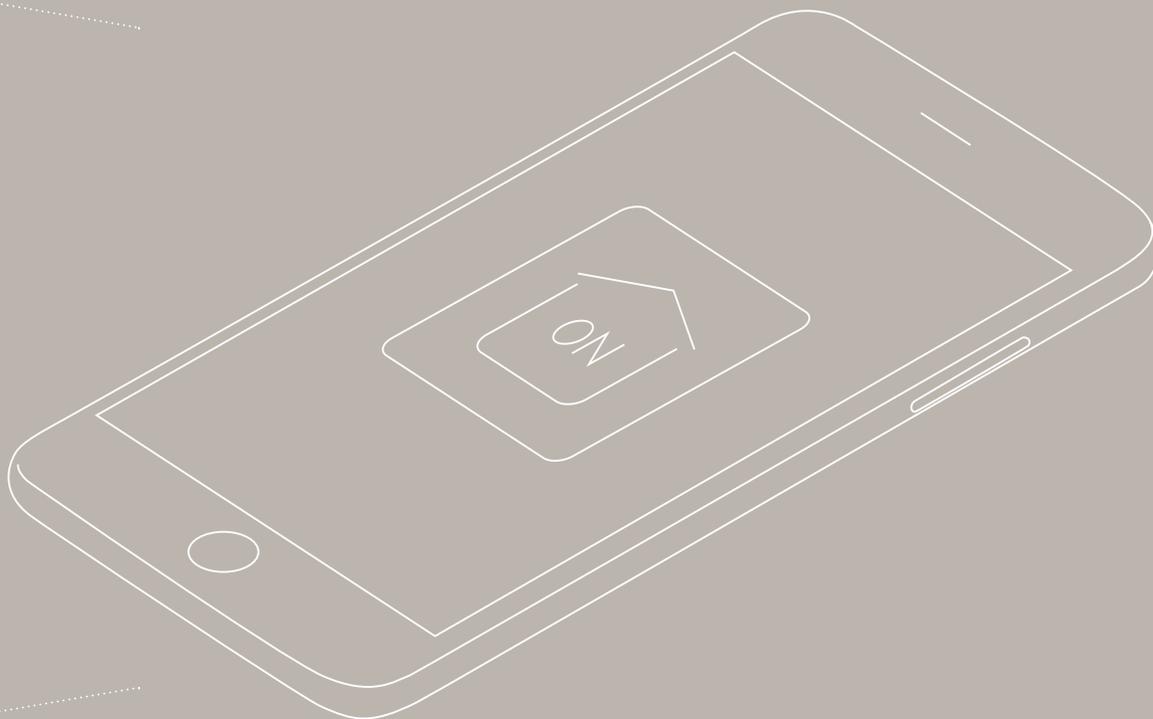
### 6 SEMI-FLUSH-MOUNTED ROOM SENSOR



Nom	Compatibilité avec :	Référence
0 Wireless outdoor sensor	- TYBOX 137/237	6300036
Sonde de 10 k $\Omega$ à 25°C		
1 Underfloor sensor (option)	- MINOR 12 - RF 4890	6300037
Sonde de 1 k $\Omega$ à 25°C		
2 Hard-wired outdoor sensor	- T1C-2 DIGIT	6300001
3 Self-adhesive wall-mounted sensor		6300003
4 Indoor room sensor		6300004
5 Underfloor or piping sensor		6300002
6 Semi-flush-mounted room sensor		6300026

# SECURITY

Product Selector	p.76
TYXAL+, the professional range	p.78
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Controls	p.88
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Accessories	p.112



# Product Selector

## Packs



**TYXAL+ PACK**  
6410168

Wireless 8-zone alarm pack



**TYDOM VIDEO PACK**  
6410174

IP/GSM hub and video detector pack



**TYCAM 1000**  
6417003

Connected indoor camera



**TYCAM 2000**  
6417004

Connected outdoor camera

## Control Unit



**CS 8000 TYXAL+**  
6411121

Wireless 8 zone siren alarm control unit



**SI TYXAL+**  
6415220

Wireless indoor siren



**SEF TYXAL+**  
6415221

Wireless outdoor flash siren

## Sirens

## Key pads/fobs



**CLT 8000 TYXAL+**  
6413252

Wireless touch screen keypad



**LB 2000 TYXAL+**  
6413254

Wireless badge reader



**CLS 8000 TYXAL+**  
6413253

Wireless button keypad



**CLE 8000 TYXAL+**  
6413255

Wireless outdoor button keypad

## Connected systems



**TL 2000 TYXAL+**  
6413251

Wireless remote control for alarm system and/or control systems



**TYDOM 1.0**  
6700107

Connected home hub



**TYDOM 3.0**  
6700104

Multi protocol smart home hub

## Cameras

## Detectors

### MOVEMENT DETECTORS



**DMB TYXAL+**  
6412286

Wireless dual lens motion detector



**DMDR TYXAL+**,  
6412317 - DMDR BL  
6412318 - DMDR BR

Outdoor curtain detector



**DMBV TYXAL+**  
6412287

Wireless video dual lens motion detector



**DMBD TYXAL+**  
6412311

Wireless dual technology dual lens motion detector



**DME TYXAL+**  
6412309

Wireless outdoor detector



**DMBE TYXAL+**  
6412310

Wireless outdoor barrier detector

### DOOR/WINDOW DETECTORS



**DO TYXAL+**  
6412288 - DO BL TYXAL+  
6412295 - DO BR TYXAL+  
6412296 - DO GR TYXAL+

Wireless door/window magnetic contacts



**MDO TYXAL+**  
6412305 - MDO BL TYXAL+  
6412306 - MDO BR TYXAL+  
6412307 - MDO GR TYXAL+

Wireless door/window magnetic micro-contacts



**DOI PVC TYXAL+**  
6412308

Wireless invisible door/window magnetic contact for PVC window



**DVR TYXAL+**  
6412304

Wireless roller shutter detector

### TECHNICAL DETECTORS



**DCP TYXAL+**  
6412301

Wireless piezoelectric impact detector



**DOS TYXAL+**  
6412300

Wireless floor contact door/window magnetic contact



**DFR TYXAL+**  
6412313

Wireless smoke detector



**DF TYXAL+**  
6412303

Wireless leak detector



**DCS TYXAL+**  
6412314

Wireless mains power failure detector

## Transmitters

## Accessories



**TYDOM 2.0**  
6414125

IP/GSM hub for the connected home



**TTGSM TYXAL+**  
6414124

GSM wireless telephone transmitter



**DU TYXAL+**  
6412302

Wireless universal detector



**REP TYXAL+**  
6414119

Wireless repeater

# Tyxal<sup>+</sup> the professional range



#### PLUG AND PLAY

Pre-configured products for simplified configuration and to make it easy for your clients to learn to use



#### 100% WIRELESS ALARM

Faster installation, without cables

**10 YEAR BATTERY**

#### EXCLUSIVELY DELTA DORE

A safe and durable installation, less maintenance

#### EUROPEAN CONFORMITY EN 50131



#### PROVEN RELIABILITY

Integrated anti-jamming function to secure the radio link

2 frequencies Radio 868.30 and 868.95 MHz



Tyxal<sup>+</sup> open the door to the connected home thanks to compatibility with TYDOM (details in connected home chapter)

# The key principles of security in the home

Detect intrusions - monitor - alert - centralise - action

## INTRUDER DETECTION

Outdoor and indoor products.

### MOTION DETECTORS



### DOOR/WINDOW MAGNETIC CONTACTS -OR- DOOR/WINDOW MAGNETIC CONTACT DETECTORS

Protecting openings (windows, doors, roller shutters, etc.)



## PROTECTION FROM DOMESTIC HAZARDS

### SMOKE DETECTOR



### MAINS POWER FAILURE DETECTOR

Detects power outages that exceed 60 minutes.



### LEAK DETECTOR

To be installed in sensitive areas



### OUTDOOR CURTAIN DETECTOR

Protection of an open window



## REPORTING INTRUDERS AND SCARING THEM OFF

A powerful tone for a good deterrent effect.

### OUTDOOR SIREN



## CENTRALISE

### SIREN CONTROL UNIT

It is the essential element of the alarm system for a permanent interface with the elements installed.



## CONTROL

### OUTDOOR KEYPAD



### TOUCH SCREEN KEYPAD



TYDOM 2.0



INDOOR CONNECTED CAMERA



DUAL LENS VIDEO MOTION DETECTOR  
Visual confirmation for intrusion, both during the day and night.

**ALWAYS UNDER CONTROL EVEN REMOTELY!**

With the TYDOM application, your customers can control their alarm system from a smartphone or tablet.

### KEY RING REMOTE CONTROL



### INDOOR KEYPAD



### BADGE READER



## MONITOR AND RECEIVE ALERTS

Remote activation of alerts by telephone with control of the alarm, heating, lights and roller shutters.

## Pre-configured wireless Alarm Starter Pack

### PACK TYXAL+

#### FUNCTIONS

- Surveillance of 1 to 8 zones
- Pet-compatible infrared detection with the removable lens
- 4-button multifunction remote controls: On/Off and configurable automation buttons
- Possibility of handling up to 50 wireless peripheral devices (detectors, sirens, etc.)



#### + USER

- Intuitive navigation with the touch screen keypad
- Dissuasive effect with the powerful volume of the siren
- Possibility of protecting all or some areas of the home
- Outstanding battery life: 10 years

#### + INSTALLER

- Acknowledged high-quality reliable system
- Pack is pre-configured in the factory, making installation easier
- Switch to maintenance mode without opening the control unit
- Simplified configuration of the entire alarm system by using the touch screen keypad

#### TECHNICAL FEATURES

- Lithium batteries supplied
- Battery life: 10 years
- 2 lenses supplied (standard + animal specific)
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Volume of the siren alarm control unit: 109 dB

#### PACK CONTAINS

- 1 Wireless 8 zone siren alarm control unit (CS 8000 TYXAL+ p. 86)
- 1 Wireless touch screen keypad (CLT 8000 TYXAL+ p. 88)
- 1 Wireless dual lens motion detector (DMB TYXAL+ p. 98)
- 1 Wireless remote control for alarms and/or control systems (TL 2000 TYXAL+ p. 91)

Name	Reference
PACK TYXAL+	6410168

## Connected home hub (TYDOM 2.0 IP/GSM) + video detector

### PACK TYDOM VIDEO

#### FUNCTIONS

- Combined with the TYXAL+ CS8000, the pack has the following features:
  - Visual intruder alerts
  - Remote home view request
  - Phone call or SMS if intruder detected
  - Pet-compatible infrared detection with the removable lens
  - Secure GSM connection even if power or internet connection is down
- And via the TYDOM App and the X3D ecosystem, control and programme all usages (heating, openings, TYCAM IP cameras, etc...) from a smartphone or a tablet



#### + USER

- Video intruder check, night and day
- Receive alerts even during power failures and loss of internet connection
- The entire home is connected using the TYDOM remote management tool

#### + INSTALLER

- Acknowledged high-quality reliable system
- Easy to install and configure

#### TECHNICAL FEATURES

- Transmitter power supply: 230V (lithium battery backup)
- Video detector powered by lithium batteries (included)
- Battery life: 10 years
- 2 lenses supplied (standard + animal specific)
- Dual radio frequency: 868.30MHz and 868.95MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Photo/video resolution: VGA 640x480

#### PACK CONTAINS

- 1 (IP/GSM) wireless transmitter (TYDOM 2.0 p. 94)
- 1 Wireless video dual lens motion detector (DMBV TYXAL+ p. 100)

Name	Reference
PACK TYDOM VIDEO	6410174

# Connected indoor camera

## TYCAM 1000

NEW

### FUNCTIONS

- Live Streaming function without subscription: 24/7 day and night surveillance from the Tydom application:
- FULL HD quality on tablet locally
- The TYCAM camera adjusts its resolution depending on the internal rate and the quality of the mobile network
- Privacy protection: ability to deactivate access to the camera to preserve the privacy of occupants
- Video wall: the TYDOM application retransmits the images from 4 cameras live
- Secure video flow: prevents any capture or processing of video data by third parties



### + USER

- Monitor your home remotely from your smartphone or tablet
- Access your video data with an encrypted and secure connection

### + INSTALLER

- Plug and Play Installation
- Compatible with all the ADSL boxes on the market
- Night vision indoors
- 2 installation options: hard-wired (Ethernet) or Wifi
- Video flow of the cameras encrypted on a secure Cloud
- Simple secure Wi-Fi connection using WPS technology (Wi-Fi Protected Setup) if router is compatible

### TECHNICAL FEATURES

- 1 TYCAM 1000 camera
- 1 positionable camera support
- 1 Ethernet cable
- 1 Mains power supply
- Video sensor: 2 Mpixels FULL HD
- Resolution: up to 1080p (1920x1080)
- Encoding: H.264
- Viewing angle: 110°
- Night vision: infrared led range 8 m
- Minimum lighting: 0 lux
- White balance: automatic setting
- Contrast and colour saturation: automatic setting
- Operating temperature: -10° to +55°C
- Dimensions: W 76 x D 76 X H 121 mm
- Power supply: 5V DC (supplied)
- Possible connections:
  - Wireless: WI-FI 802.11 b/g/n
  - Wired: Ethernet
- Required configuration:
  - High-speed internet access + the TYDOM 1.0 or 2.0 Connected home hub
- Application downloadable from Android 4.1 and IOS 8.0

Name	Reference
TYCAM 1000	6417003

# Connected outdoor camera

## TYCAM 2000

NEW

### FUNCTIONS

- Live Streaming function without subscription: 24/7 day and night surveillance from the Tydom application:
- FULL HD quality on tablet locally
- The TYCAM camera adjusts its resolution depending on the internal rate and the quality of the mobile network
- Privacy protection: ability to deactivate access to the camera to preserve the privacy of occupants
- Video wall: the TYDOM application retransmits the images from 4 cameras live
- Secure video flow: prevents any capture or processing of video data by third parties



### + USER

- Monitor your home remotely from your smartphone or tablet
- Access your video data with an encrypted and secure connection

### + INSTALLER

- Plug and Play Installation
- Compatible with all the ADSL boxes on the market
- Night vision outdoors
- 2 installation options: hard-wired (Ethernet) or Wifi
- Video flow of the cameras encrypted on a secure Cloud
- Simple secure Wi-Fi connection using WPS technology (Wi-Fi Protected Setup) if router is compatible

### TECHNICAL FEATURES

- 1 TYCAM 2000 camera
- 1 positionable camera support
- 1 Ethernet cable
- 1 Mains power supply
- Video sensor: 2 Mpixels FULL HD
- Resolution: up to 1080p (1920x1080)
- Encoding: H.264
- Viewing angle: 106°
- Night vision: infrared led range 20 m
- Minimum lighting: 0 lux
- White balance: automatic setting
- Operating temperature: -10° to +60°C
- Degree of protection: IP 66
- Dimensions (Wx Dx H) : W 97x D 67 x H 64 mm
- Supply: 12 V DC (supplied)
- Possible connections:
  - Wireless: WI-FI 802.11 b/g/n
  - Wired: Ethernet
- Required configuration:
  - High-speed internet access + the TYDOM 1.0 or TYDOM 2.0 Connected home hub (Details on pages 22/23)
- Application downloadable from Android 4.1 and IOS 8.0

Waterproof connection box  
TYCAM 2000  
6417005 - BRE TYXAL



Name	Reference
TYCAM 2000	6417004

# Wireless 8 zone siren alarm control unit

## CS 8000 TYXAL+

### FUNCTIONS

- Dual function:
  - Control unit for monitoring the home using intrusion and technical detectors
  - Siren for warning about intrusions and domestic hazards
- Activation/deactivation: overall or per zone (up to 8 zones)
- Access codes stored
  - 10 user access codes and 1 installer access code
- Monitoring: Regular checks on the operating condition of all the system's components
- Detection and indication of radio scrambling attempts
- Possibility of using a visual and/or audible signal to confirm that the alarm system is activated/deactivated



### + USER

- Dissuasive effect with its powerful, adjustable volume
- Possibility of protecting all or some areas of the home
- Outstanding battery life: 10 years

### + INSTALLER

- Acknowledged high-quality reliable system
- Quick and easy to install using the wall plate
- Switch to maintenance mode without opening the control unit

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Customisation on the touch screen keypad:
  - 5 different tones: intrusion, technical, fire, SOS distress, chimes
  - Confirmation that the system is activated/deactivated (visual, audible, both, none)
- Sound level: 109 dB
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 40-IK 06
- Dimensions: H 268.5 x W 176 x D 59.5 mm
- Weight (with batteries) : 900 g



### LARGE INSTALLATION CAPACITY:

- Up to 50 wireless peripheral devices available:
  - 1 transmitter (PSTN, GSM or IP/GSM)
  - 4 video motion detectors
  - 1 repeater
- And all the other components of the TYXAL+ alarm system

Name	Reference
CS 8000 TYXAL+	6411121
BAT CS 8000-SI-SEF103 TYXAL+     Lithium battery	6416222

# Perimeter and Area protection by zone

You have two types of protection

Perimeter detection for the prevention of risks of intrusion through openings (doors/windows)

Area detection for the protection of sections of the home (Ground floor, First floor, outbuildings)

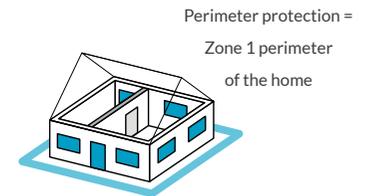
### Operation by zone

The zones are used to protect part of the home.

### PERIMETER PROTECTION

Provided by door/window magnetic contact detectors, this prevents the risk of intrusion via openings (doors, windows). It allows you to protect your home even when you are there (eg, Night time or a pet is present)

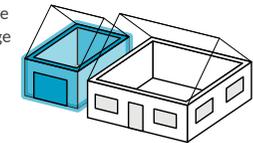
You can assign a zone to perimeter protection.



### WITH A SEPARATE GARAGE

Set up a zone for the garage.

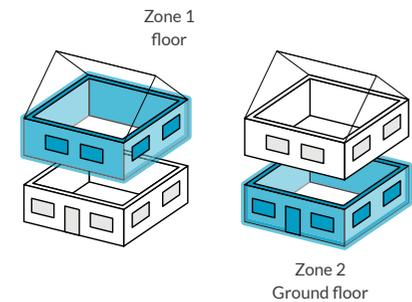
Protection of separate garage = Zone 1 garage



### 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 ground floor during the night

# Wireless touch screen keypad

## CLT 8000 TYXAL+

### FUNCTIONS

- Two-way keypad: feedback on the status of the alarm system
- Activation/deactivation: overall or per zone (up to 8 zones)
- Display: time, date and indoor temperature
- Outside temperature (in association with the outdoor siren) and the level of GSM reception (if there is a GSM transmitter) is displayed
- Information on the alarm system status (activation, deactivation, detection events, faults, etc.)
- History of the last 1,250 events
- Audible SOS button, Triggering a GSM alert and activation of the siren
- Duress code
- 10 user access codes and 1 installer access code
- Weekly programming: 6 programs per day for activation or deactivation
- Operating test for detectors, sirens and transmitters
- System diagnosis



### CUSTOMISING THE SYSTEM :

- Customising the system: creating, removing, modifying the name of zones and components
- Transmitter telephone numbers
- Settings:
  - Access codes for all the keypads, able to be restricted to one or more zones
  - Entrance and exit timer for each indoor detector
  - Brightness of screen display
  - Sounding level of the indoor and outdoor sirens depending on the alert type (intrusion, fire, technical, SOS distress, chimes)
  - Confirmation that the system is activated/deactivated (visual, audible, both, none)

### + USER

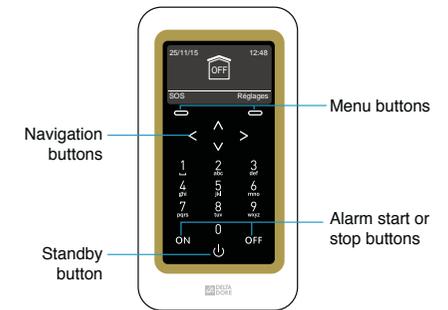
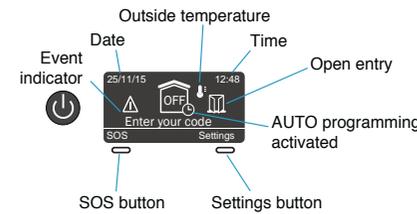
- Intuitive navigation allows the user to familiarise themselves immediately with the system
- Easy to read with its backlit buttons and screen
- Outstanding battery life: 10 years

### + INSTALLER

- Acknowledged high-quality reliable system
- Simplified configuration of the entire alarm system
- Genuine monitoring and diagnosis tool
- Easy to switch to maintenance mode

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Touch screen keypad with large backlit screen
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 31-1K 06
- Dimensions: H 168 x W 89 x D 24 mm
- Weight (with batteries): 270 g



Name	Reference
CLT 8000 TYXAL+	6413252
BAT CLT 8000 TYXAL+     Lithium battery	6416223

# Wireless badge reader

## LB 2000 TYXAL+

### FUNCTIONS

- Two-way badge reader: visual feedback of the order sent
- 2 buttons for full activation/deactivation of the alarm system
- 2 configurable buttons with option of the following commands:
  - Activation/deactivation of zone 1
  - Activation/deactivation of zone 2
  - Audible SOS button, Triggering a GSM alert and activation of the siren
  - Discreet SOS with call by the transmitter
- Activation/deactivation information by specifying the control device (with GSM transmitter or TYDOM 2.0)



### + USER

- Outstanding battery life: 10 years
- Simple and practical operation with the badges

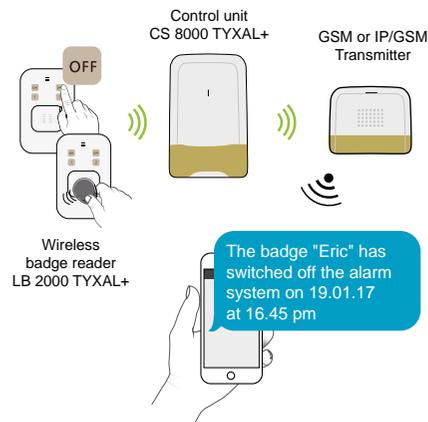
### + INSTALLER

- Acknowledged high-quality reliable system
- Flexible to install with 2 configurable buttons

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- 2 badges supplied
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30-IK 06
- Dimensions: H 127 x W 83 x D 22 mm

Alert function by SMS



Name	Reference
LB 2000 TYXAL+	6413254
BAT AA TYXAL+      Lithium battery	6416231
BRFID TYXAL+	6413224

# Wireless remote control for alarms and/or control systems

## TL 2000 TYXAL+

### FUNCTIONS

- Two-way remote control: visual feedback of the order sent
- 2 buttons for full activation/deactivation of the alarm system
- 2 configurable buttons with option of the following commands:
  - Activation/deactivation of zone 1
  - Activation/deactivation of zone 2
  - 2 automation system channels (gate, garage door, outside lighting, etc.)
  - Audible SOS button, Triggering a GSM alert and activation of the siren
  - Discreet SOS with call by the transmitter
- Activation/deactivation information by specifying the control device (with GSM transmitter or TYDOM 2.0)



### + USER

- Practical, lightweight design
- Multiple use remote control for operating the alarm or several automation systems
- Outstanding battery life: 10 years

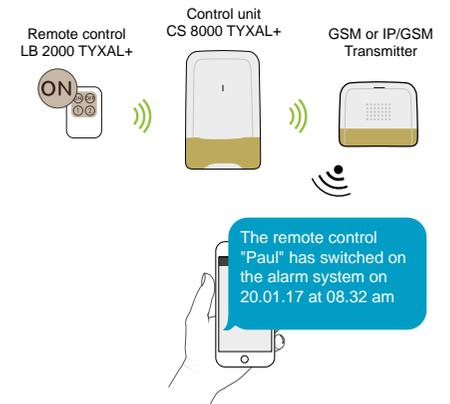
### + INSTALLER

- Acknowledged high-quality reliable system
- Flexible to install with 2 configurable buttons

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Protection index: IP 32
- Dimensions: H 65 x W 42 x D 8 mm
- Weight (with batteries): 25 g

Alert function by SMS



Name	Reference
TL 2000 TYXAL+	6413251

## Wireless button keypad

### CLS 8000 TYXAL+

#### FUNCTIONS

- Two-way keypad: visual feedback of the order sent
- Activation/deactivation : overall or per zone (up to 8 zones)
- Audible SOS button, Triggering a GSM alert and activation of the siren
- Discreet SOS with call by the transmitter
- 10 user access codes and 1 installer access code



#### + USER

- Easy to use: pressing the buttons is confirmed with an audible beep
- Direct access to an SOS button to raise an alarm in the event of distress
- Outstanding battery life: 10 years

#### + INSTALLER

- Acknowledged high-quality reliable system
- Automatic recognition of the access codes set on the touch screen keypad

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30-IK 06
- Dimensions: H 127 x W 83 x D 22 mm

Name	Reference
CLS 8000 TYXAL+	6411121
BAT AA TYXAL+      Lithium battery	6416231

## Wireless outdoor button keypad

### CLE 8000 TYXAL+

#### FUNCTIONS

- Two-way keypad: visual feedback of the order sent
- Activation/deactivation: overall or per zone (up to 8 zones)
- Controls 2 different automation systems (gate, garage door, electric lock, etc.)
- 10 user access codes and 1 installer access code
- Code under constraint



Keypad developed in partnership with



#### + USER

- Multiple use keypad for controlling the alarm or several control systems
- Vandal proof from outside and fully sealed
- Outstanding battery life: 10 years

#### + INSTALLER

- Partnership with CDVI, leader in electronic solutions
- Automatic recognition of the access codes set on the touch screen keypad

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Cast aluminium material
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Operating range: - 25°C to + 70°C
- Protection index: IP 64
- Dimensions: H 110 x W 75 x D 15 mm
- Weight: 320 g

Name	Reference
CLE 8000 TYXAL+	6413255
BAT AA TYXAL+      Lithium battery	6416231

# IP/GSM hub for the connected home

## TYDOM 2.0



### FUNCTIONS

- Video features (combined with video detector and alarm control unit)
  - Visual intruder alerts
  - Remote home view request
- Detected alarms indicated by SMS or by voice call
- 6 customisable phone numbers
- Activation/deactivation : overall or per zone (up to 8 zones)
- SMS alerts for activation/deactivation and control method used (badge, remote control)
- Audio confirmation and intercom
- Secure GSM connection even if power or internet connection is down
- From the TYDOM application, for smartphone and tablet :
  - Control and visualisation of the alarm status
  - Control and programming of all the devices: heating, lighting, roller shutters, control systems and scenarios
  - Visualisation up to 4 indoor or outdoor TYCAM cameras
  - Feedback on the status of commands (temperature in the home, lighting, etc...)
  - Personalisation with an icone library and pictures of house rooms
  - Manage up to 10 sites (apartment, secondary home, shop, etc...) equipped with TYDOM 1.0 or TYDOM 2.0
- Backup functions :
  - SMS alert and control in the case of a power cut
  - SMS and control by GSM in case of cut in internet supply



### + USER

- Remotely check in and monitor home by video
- Receive alerts even during power failures and loss of internet connection
- The entire home is connected using the TYDOM application

### + INSTALLER

- Acknowledged high-quality reliable system
- Easy to install and configure

### TECHNICAL FEATURES

- 230V power supply
- Backup with Lithium battery supplied
- Battery life: 10 years
- Controls:
  - 32 lighting controls and dimming channels
  - 16 scenario channels
  - 32 roller shutter or motorised blackout blind channels
  - 32 automation channels (garage door, gate, etc.)
  - 32 heating receivers
- Customisation on CLT 8000 touch screen keypad:
- 6 call numbers and access codes
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30 -IK 06
- Dimensions: H 165 x W 205 x D 45 mm
- Application downloadable from Android 4.1 and IOS 8.0

#### PLEASE NOTE:

Don't have an internet connection or wifi network  
- control your connected products locally by connecting TYDOM to a router.

Nom	Référence
TYDOM 2.0	6414125
BAT D TYXAL+ Lithium battery	6416233

# GSM wireless telephone transmitter

## TTGSM TYXAL+

### FUNCTIONS

- Detected alarms indicated by SMS or by voice call
- 6 customisable call numbers
- Activation/deactivation : overall or per zone (up to 8 zones)
- Activation/deactivation information by specifying the control device (badge, remote control) by SMS
- Audio verification of intrusion and intercom function
- Indication for power failures longer than 30 minutes
- Compatible with a remote surveillance service
- Control for 1 heating channel, 5 control system channels (lighting, roller shutters, gate, garage door, etc.) and 4 scenarios



### + USER

- Ideal for second homes or homes with no PSTN phone lines or homes fitted with a fully unbundled internet box
- Possibility of remote audio confirmation
- Alerts communicated immediately by voice call or SMS, specifying the type of alert (intrusion, technical fault, etc.)

### + INSTALLER

- Acknowledged high-quality reliable system
- Easy to install and configure
- Operates in association with the alarm control unit or in autonomous mode (with technical detectors)

### TECHNICAL FEATURES

- 230V power supply
- Backup with Lithium battery supplied
- Battery life: 10 years
- Multiple languages (FR/EN/DE/IT/ES/PL/NL)
- Customisation on CLT 8000 touch screen keypad:
- 6 call numbers and access codes
- Remote surveillance protocol: contact ID P10 to P13
- Dual radio frequency: 868.30MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30 -IK 04
- Dimensions : H 165 x W 205 x D 45 mm

#### + AUTONOMOUS MODE (WITHOUT CONTROL UNIT):

- for controlling heating and control systems
- for sending technical alerts (smoke, flooding, power failure, etc.)
- for SOS emergency calls

In autonomous mode, 16 detectors or SOS remote controls can be set

Nom	Référence
TTGSM TYXAL+	6414124
BAT D TYXAL+ Lithium battery	6416233

## Indoor wireless siren

### SI TYXAL+

#### FUNCTIONS

- Raises the alarm if there is an intrusion
- Warns all users about a domestic risk (fire, flooding, mains power failure, etc.)
- Chimes mode to signal when a person enters a room
- Possibility of using a visual and/or audible signal to confirm that the alarm system is activated/deactivated (visual, audible, both, none)



#### + USER

- Dissuasive effect with its powerful, adjustable sound level
- 5 separate tones for alerting or informing occupants about a risk in the home
- Outstanding battery life: 10 years

#### + INSTALLER

- Acknowledged high-quality reliable system
- Quick and easy to install using the wall-mounted plate
- Operates in association with the alarm control unit or in autonomous mode

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Customisation on CLT 8000 touch screen keypad:
  - 5 siren tones: intrusion, fire, SOS distress, chimes
- Sound level: 109 dB
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 40-IK 06
- Dimensions: H 268.5 x W 176 x D 59.5 mm
- Weight (with batteries): 915 g

#### + PRODUCTS COMPATIBLE IN AUTONOMOUS MODE:

- Technical mode: universal detectors (DU TYXAL+), mains power failure detectors (DCS TYXAL+), water leak detectors (DF TYXAL+)
- Fire mode: smoke detectors (DFR TYXAL+)
- Chimes mode: door/window magnetic contacts (DO TYXAL+)
- SOS mode: remote controls with button configured for SOS calls

Name	Reference
SI TYXAL+	6415220
BAT CS 8000-SI-SEF103 TYXAL+    Lithium battery	6416222

## Outdoor wireless flash siren

### SEF TYXAL+

#### FUNCTIONS

- Raises the alarm if there is an intrusion
- Pre-alarm function: outdoor siren flashes and/or is set off (in association with the alarm control unit and an outdoor motion detector)
- Possibility of using a visual and/or audible signal to confirm that the alarm system is activated/deactivated
- Built-in temperature sensor



#### + USER

- Dissuasive effect with its powerful sound level and flashing light
- Option of configuring a pre-alarm to dissuade any break-in attempt
- Outstanding battery life: 10 years
- Withstands the sun's rays with its anti-UV treatment

#### + INSTALLER

- Acknowledged high-quality reliable system
- Quick and easy to install using the wall-mounted plate

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Customisation on CLT 8000 touch screen keypad:
  - 4 siren tones: intrusion, fire, SOS, pre-alarm
  - Confirmation that the system is activated/deactivated (visual, audible, both, none)
- Sound level (with 2 batteries) : 103 dB
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Recommended operating range: -25°C to +60°C
- Protection index: IP 44-IK 07
- Dimensions: H 250 x W 220 x D 78 mm
- Weight: 2000 g

Name	Reference
SEF TYXAL+	6415221
BAT CS 8000-SI-SEF103 TYXAL+    Lithium battery	6416222

# Wireless dual lens motion detector

## DMB TYXAL+

### FUNCTIONS

- Infrared detection:
  - Any moving human presence, with the standard lens
  - Any human presence, and detection of pets up to 45 kg with additional pet lens



### + USER

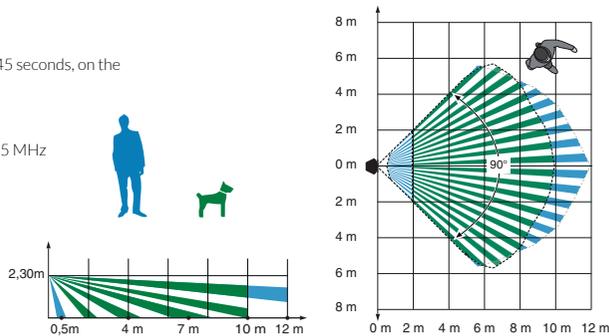
- Reduced size enabling a discreet installation
- Compatible with the presence of animals with pet lens
- Outstanding battery life: 10 years

### + INSTALLER

- Acknowledged high-quality reliable system
- 2-in-1 product with two interchangeable detection lenses
- Easy to configure with the Test button on the front panel of the detector

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- 2 lenses supplied (standard + pet specific)
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Detection range 12 m 90° (standard lens)
- Detection range 10 m 90° (pet lens)
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30-IK 04
- Dimensions: H 77.3 x W 67.8 x D 45.3 mm



Name	Reference
DMB TYXAL+	6412286
RO TYXAL+ DMB-DMBV-DMBD	Ball joint 6416221
BAT A TYXAL+	Lithium battery 6416232
LS TYXAL+	Standard lens 6416228
LA TYXAL+	Pet lens 6416229

# Outdoor curtain detector

## DMDR BL TYXAL+, DMDR BR TYXAL+

NEW

### FUNCTIONS

- Infrared detector for openings/multi use (intruder or indoor or outdoor security, etc.) and suited to different positions (window, door, wall, covered courtyard, etc.)



### + USER

- Feel safe in your home even if you have left doors or windows open
- Specifically monitor a painting or other valuable objects
- Choice of 2 colours (white or brown)

### + INSTALLER

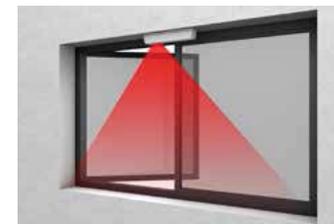
- Positionable and adjustable detection
- Tamper alarm when opened or dislodged
- Very simple to install

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Protection index: IP54-IK 04
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Maximum detection range depending on configuration : H 240 mm W 220 mm D 30 mm

- Detection angle : 80°
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Dimensions : H 40 x W 192 x D 45 mm

Protection of a window



Protection of a door



Name	Reference
DMDR BL TYXAL+	6412317
DMDR BR TYXAL+	6412318
Lithium battery	2280014

# Wireless video dual lens motion detector

## DMBV TYXAL+

### FUNCTIONS

- Infrared detection:
  - Any moving human presence, with the standard lens
  - Any human presence, and detection of pets up to 45 kg with additional pet lens
- Video functions (with TYDOM 2.0 and alarm control unit) :
  - Video recordings on motion detection, for visual verification of intrusion
  - On request, remote surveillance of the home
- Up to 4 video detectors per installation



### + USER

- Video confirmation for intrusion, both during the day and night
- Compatible with the presence of animals with pet lens
- Outstanding battery life: 10 years

### + INSTALLER

- Acknowledged high-quality reliable system
- 2-in-1 product with two interchangeable detection lenses
- Easy to configure with the Test button on the front panel of the detector

### TECHNICAL FEATURES

- Lithium Battery supplied
- 2 lenses supplied (standard + pet specific)
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Detection range 12 m 90° (standard lens)
- Detection range 10 m 90° (pet specific lens)
- Photo/video resolution: VGA 640 x 480
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30-IK 04
- Dimensions: H 110.8 x W 67.6 x D 57.8

### Glance function

Your client can have a "glance" at what is happening in their home at any time using the DMVBV video detectors and from their TYDOM application.



In "alarm", a single click on the glance feature



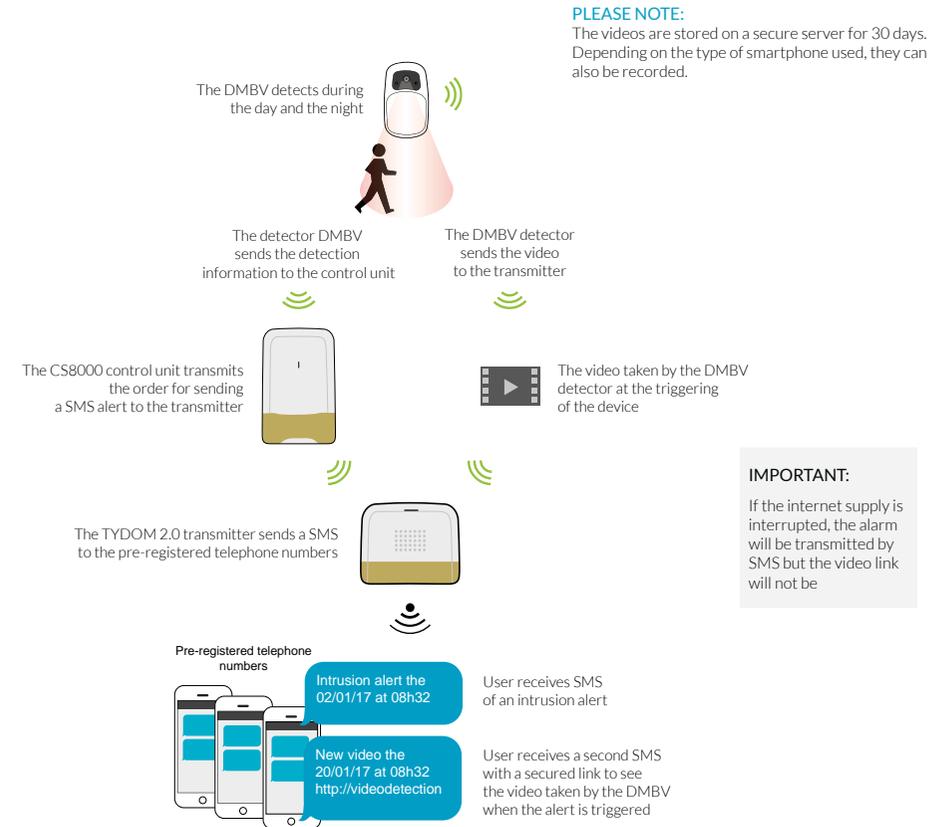
Room selection



A video of 5 seconds will be sent using Tydom 2.0 by a secure link.



### Manage an alarm with a DMVBV video detector



Name	Reference
DMBV TYXAL+	6412287
BAT DMVBV TYXAL+	Lithium battery 6416224
RO TYXAL+ DMB-DMBV-DMBD	Ball joint 6416221
LS TYXAL+	Standard lens 6416228
LA TYXAL+	Pet lens 6416229

# Wireless dual technology dual lens motion detector

## DMBD TYXAL+

### FUNCTIONS

- Infrared and hyperfrequency detection:
  - Any moving human presence, with the standard lens
  - Any human presence, and detection of pets up to 45 kg with additional pet lens



### + USER

- Compatible with the presence of animals with pet lens
- Dual technology detector, perfect for protecting sensitive, ventilated air-conditioned locations
- Outstanding battery life: 10 years

### + INSTALLER

- Acknowledged high-quality reliable system
- 2-in-1 product with two interchangeable detection lenses
- Easy to configure with the Test button on the front panel of the detector

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- 2 lenses supplied (standard + pet specific)
- Hyperfrequency detection: 24 GHz
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened or removed
- Protection index: IP 30-IK 04
- Dimensions: H 110.8 x W 67.6 x D 54.1 mm

Name	Reference
DMBD TYXAL+	6412311
BAT DME-DMBE-DMBD TYXAL + Lithium battery	6416227
RO TYXAL+ DMB-DMBV-DMBD Ball joint	6416221
LS TYXAL+ Standard lens	6416228
LA TYXAL+ Pet lens	6416229

# Wireless piezoelectric impact detector and magnetic floor contact

## DCP TYXAL+, DOS TYXAL+

### FUNCTIONS

- DCP TYXAL+**
- Detects any impact caused by an attempt to break a protected window
- DOS TYXAL+**
- Detects when a garage door is open and reports this to the alarm control unit



DCP TYXAL+

DOS TYXAL+

### + USER

- Outstanding battery life: 10 years
- DCP TYXAL+**
- Perfect for protecting large picture windows, shop windows or roof windows on accessible roofs
- DOS TYXAL+**
- Ideal for protecting garage doors

### + INSTALLER

- Quick and easy installation
- DCP TYXAL+**
- Other piezoelectric sensors can be added to the transmitter
- DOS TYXAL+**
- Wide tolerance to prevent false detection on doors with play or that moves in draughts

### TECHNICAL FEATURES

- DCP TYXAL+, DOS TYXAL+**
- Lithium battery supplied
  - Battery life: 10 years
  - Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
  - Dual radio frequency: 868.30 MHz and 868.95 MHz
  - Radio range: 100 to 300 meters
  - Tamper alarm on opening
  - Protection index: IP 30-IK 02

- DCP TYXAL+**
- Detection distance of the impact point: 2.5 m
  - Wire length: 0.9 m
  - Transmitter dimensions: H 102 x W 33 x D 32 mm
  - Sensor dimensions: H 33 x W 33 x D 10 mm
- DOS TYXAL+**
- Wire length: 0.95 m
  - Transmitter dimensions: H 102 x W 33 x D 32 mm
  - Metal contact dimensions: H 89 x W 38 x D 38 mm

Name	Reference
DOS TYXAL+	6412300
DCP TYXAL+	6412301
BAT 1/2AA TYXAL+	6416230

## Wireless door/window magnetic contacts



### DO TYXAL+

#### FUNCTIONS

- Detects when a door or window is opened and reports this to the alarm control unit
- When associated with an energy manager or a wireless thermostat (TYBOX 5100/5150), the heating switches automatically to Frost Protection as soon as a protected opening is opened
- Associated with TYXIA receivers, the lighting switches on automatically as soon as a door is opened (e.g. walk-in closet, cellar, etc.)



DO BL (WHITE)  
TYXAL+

DO BR (BROWN)  
TYXAL+

DO GR (GREY)  
TYXAL+

#### + USER

- Ideal for protecting openings (doors, windows, etc.) in the home
- 3 colours available (white, brown or grey) to fit in better with the decoration of the home
- Outstanding battery life: 10 years

#### + INSTALLER

- Acknowledged high-quality reliable system
- Easy to install with a front cover and sets of wedges

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Supplied with a set of wedges
- Tamper alarm when opened or removed
- Detection from 5 mm distance between the magnet and the detector
- Protection index: IP 30-IK 04
- Dimensions :
  - for fixed part: H 98.3 x W 20.5 x D 24.5 mm
  - for moving part: H 98.3 x W 12 x D 24.5 mm

Name	Reference
DO BL (white) TYXAL+	6412288
DO BR (brown) TYXAL+	6412295
DO GR (grey) TYXAL+	6412296
BAT AA TYXAL+      Lithium battery	6416231

## Wireless door/window magnetic micro-contacts

### MDO TYXAL+

#### FUNCTIONS

- Detects when a door or window is opened and reports this to the alarm control unit
- When associated with an energy manager or a wireless thermostat (TYBOX 5100/5150), the heating switches automatically to Frost Protection as soon as a protected opening is opened
- Associated with TYXIA receivers, the lighting switches on automatically as soon as a door is opened (e.g. walk-in closet, cellar, etc.)



MDO BL (WHITE)  
TYXAL+

MDO BR (BROWN)  
TYXAL+

MDO GR (GREY)  
TYXAL+

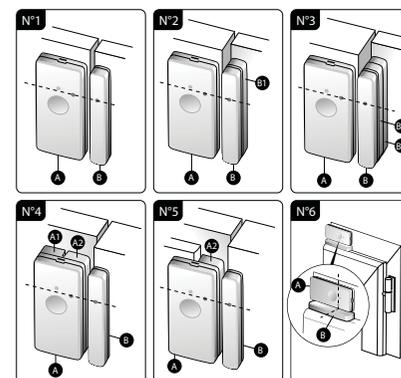
#### + USER

- Perfect for protecting sliding windows/doors
- Reduced size enables discreet installation
- 3 colours available (white, brown or grey) to fit in better with the decoration of the home

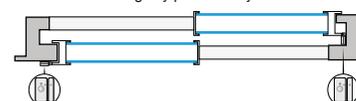
#### + INSTALLER

- Detector is easy to install, attached with high-resistance tape or with screw
- Possibility of setting the magnet or electronic part onto the leaf

Set of wedges to adapt the detector on all profiles of doors or windows with or without frame



Inside view of a sliding bay protected by 2 MDO detectors



#### TECHNICAL FEATURES

- Lithium battery supplied: CR 2032
- Battery life: 3 years
- Use an insulator on the magnet side on metal frames (excluding aluminium)
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Supplied with a set of wedges
- Detection from 5 mm distance between the magnet and the detector
- Protection index: IP 30
- Dimensions :
  - for fixed part: H 52 x W 25 x D 8 mm
  - for moving part: H 52 x W 12 x D 9 mm

Name	Reference
MDO BL (white) TYXAL+	6412305
MDO BR (brown) TYXAL+	6412306
MDO GR (grey) TYXAL+	6412307

## Wireless invisible door/window magnetic contact for PVC windows

### DOI PVC TYXAL+

#### FUNCTIONS

- Detects when a window is open and reports this to the alarm control unit
- When associated with an energy manager or a wireless thermostat (TYBOX 5100/5150), the heating switches automatically to Frost Protection as soon as a protected opening is opened



#### + USER

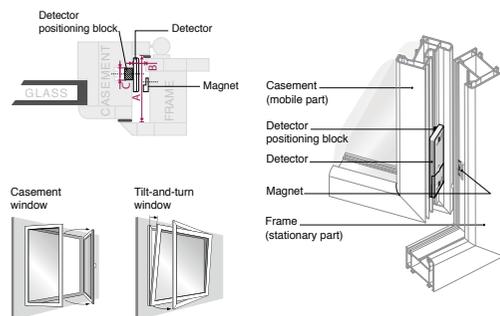
- Invisible detector for optimum protection, concealed from the eyes of burglars
- Blends in perfectly with the interior decoration and the appearance of the window

#### + INSTALLER

- Easy to install with graduated fitting markers
- Batteries are changed simply from an easy access removable cover

#### TECHNICAL FEATURES

- Mounted with screws
- Lithium battery supplied: CR 2032
- Battery life: 3 years
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Protection index: IP 40
- Detector dimensions: H 115.5 x W 41.5 x D 7.5 mm
- Magnet dimensions: H 22 x W 17 x D 5 mm
- Detector wedge dimensions: H 115 x W 16 x D 6 mm



Name	Reference
DOI PVC TYXAL+	6412308

## Wireless roller shutter detector

### DVR TYXAL+

#### FUNCTIONS

- Detects when a closed roller shutter ( motorised or non-motorised ) is opened or a roller shutter is raised



#### + USER

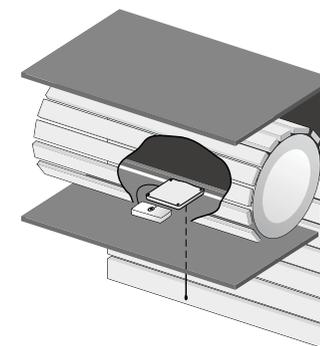
- Detects an attempted break-in from the outside, before the intruder enters the premises
- Allows the activation of the alarm while leaving the roller shutter slightly opened
- Outstanding battery life: 10 years

#### + INSTALLER

- Sensor is easy to install, attached to the roller shutter casing
- Easy to configure with the Test button on the front panel
- Sensor with bearing to prevent wear on the cord

#### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Installed inside the roller shutter casing
- Cord length: 3.10 m
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm on opening the transmitter
- Protection index: IP 30-IP 02
- Tropical-rated electronic board of the transmitter
- Transmitter dimensions: H 102 x W 33 x D 32 mm
- Sensor dimensions H 102 x W 92 x D 14 mm



Name	Reference
DVR TYXAL+	6412304
BAT 1/2AA TYXAL+ Lithium battery	6416230

# Wireless outdoor motion and barrier detector

## DME TYXAL+, DMBE TYXAL+

### FUNCTIONS

- Pre-alarm
- Alarm is triggered on interruption of 2 beams at the same time
- Animal immunity, passing cars, movement of plants, rapid changes of sunlight
- Pre-alarm zone: to protect the outdoor space by dissuading intruders with the flashing light and/or sound of the outdoor siren in association with the alarm control unit and an outdoor siren

#### DME TYXAL+

- Volumetric outdoor protection
- Detection range: 12 m 90°

#### DMBE TYXAL+

- External perimeter protection (barrier)
- Detection range: 24 m (12 m on each side)



DME TYXAL+

DMBE TYXAL+

### USER

- Pets can be left outside without false alerts being raised
- Perfect for dissuasion before a break-in, with the creation of a pre-alarm zone
- Outstanding battery life: 10 years

### INSTALLER

- Quick and easy to install with its wireless technology
- Extremely high quality of outdoor detection, preventing false alerts

### TECHNICAL FEATURES

Lithium battery supplied

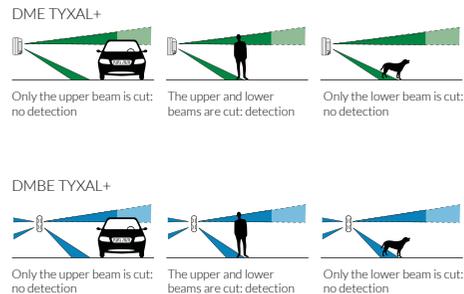
- Battery life: 10 years
- Outdoor installation on a façade
- Installation height: 0.8 m to 1.2 m
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm when opened
- Operating range: - 20°C to + 50°C
- Protection index: IP 55

#### DME TYXAL+

- Dimensions: H 186 x W 105.5 x D 71.3 mm

#### DMBE TYXAL+

- Dimensions: H 235 x W 56 x D 128 mm

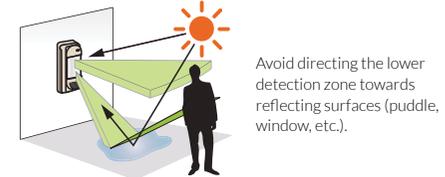
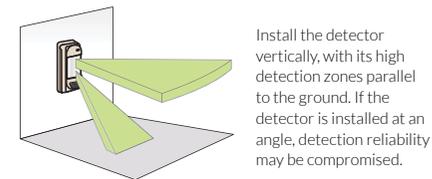
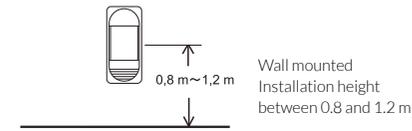


Name	Reference
DME TYXAL+	6412309
DMBE TYXAL+	6412310
BAT DME-DMBE-DMBD TYXAL +	6416227

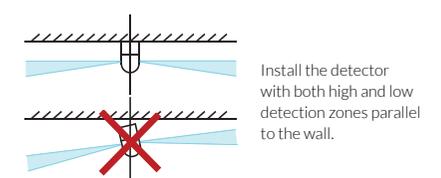
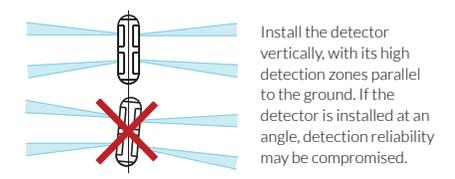
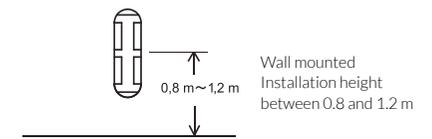
### PLEASE NOTE

Maximum range can be affected by outside temperature. normal operating = 20°C

#### DME TYXAL+ Wireless outdoor infrared barrier



#### DMBE TYXAL+ Wireless outdoor infrared barrier



# Wireless optical smoke detector and water leak detector

## DFR TYXAL+, DF TYXAL+

### FUNCTIONS

#### DFR TYXAL+

- Detects a fire outbreak
- Warns the occupants with its built-in siren
- Sets off the indoor and outdoor sirens (in association with the alarm control unit)
- Informs the people configured beforehand on the transmitter (in association with the alarm control unit or in autonomous mode)
- Automatically controls the opening of motorised roller shutters if smoke is detected (in association with TYXIA 4630/4730 receivers or a TYMOOV wireless motor)

#### DF TYXAL+

- Detects the presence of any liquid
- Signals the risk of flooding with an audible alert (in association with the alarm control unit)
- Informs the people configured beforehand on the transmitter (in association with the alarm control unit or in autonomous mode)
- Automatically controls a cellar pump and the closure of a solenoid valve when water is detected (in association with a TYXIA 4600 control system)



DFR TYXAL+

DF TYXAL+

### + USER

- Outstanding battery life: 10 years
- DFR TYXAL +
  - Remote prevention of fire hazards with a call by the transmitter
  - Opens motorised roller shutters if smoke is detected
- DF TYXAL+
  - Remote prevention of flooding hazards with a call by the transmitter

### + INSTALLER

- Easy to configure with the Test button on the front panel
- DFR TYXAL+
  - High-quality reliable system
  - Operates with the alarm control unit or in autonomous mode with a transmitter
- DF TYXAL+
  - Sealing of the sensor and its cable
  - Leak sensor is easy to install on the floor or a skirting board

### TECHNICAL FEATURES

- Battery life: 10 years
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- DFR TYXAL+
  - Standard EN 14604
  - Lithium batteries supplied: CR123 and 9 V
  - Installation: On the ceiling in the centre of the room or at more than 20 cm from any obstacle (wall, partition, beam, etc.)
  - Sound level: 85 dB
  - Photo cell detection
  - 16 detectors can be recorded per telephone transmitter (PSTN, GSM, IP/GSM)
  - Protection index: IP 30-IK 04
  - Detector dimensions: Ø 120 x 55 mm

#### DF TYXAL+

- Lithium battery supplied
- Connection terminal: 3 wires
- Wire length: 0.6 m
- Installation of the sensor on the floor or a wall
- Protection index: IP 30-IK 02
- Transmitter dimensions: H 102 x W 33 x D 32 mm
- Sensor dimensions: H 70 x W 41 x D 15 mm

Name	Reference
DF TYXAL+	6412303
DFR TYXAL+	6412313
BAT 1/2AA TYXAL+	6416230

# Wireless mains power failure detector

## DCS TYXAL+

### FUNCTIONS

- Detects power failures on the mains
- Indication of the power failure after 30 minutes by an audible alert from the control unit and a message on the touch screen
- Notifies users via SMS (in association with the alarm control unit or in autonomous mode)



### + USER

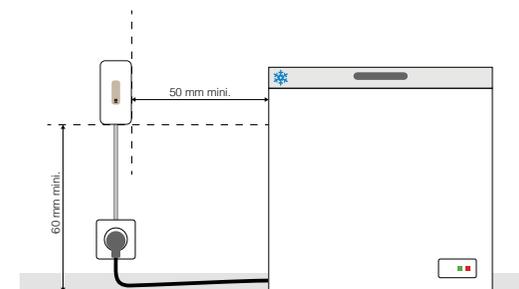
- Remote indication via SMS after 30 minutes, by a call from the transmitter

### + INSTALLER

- Operates with the alarm control unit or in autonomous mode
- Easy to configure with the Test button on the front panel

### TECHNICAL FEATURES

- 230V power supply
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 meters
- Protection index: IP 40-IK 04
- Dimensions: H 77 x L 37 x D 27 mm



Name	Reference
DCS TYXAL+	6412314

# Wireless universal detector

## DU TYXAL+

### FUNCTIONS

- Wireless transmission of any detection made by a hard-wired detector to the alarm control unit
- In autonomous mode, transmits a technical detection signal to the indoor siren



### + USER

- Dual use: Can be used to report an intrusion or prevent a domestic risk
- Outstanding battery life: 10 years

### + INSTALLER

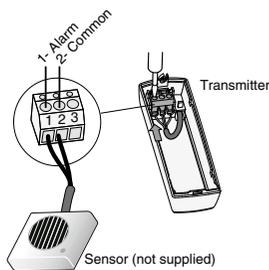
- Compatible with all hard-wired detectors with NC or NO dry contact outputs
- Easy to configure with the Test button on the front panel

### TECHNICAL FEATURES

- Lithium battery supplied
- Battery life: 10 years
- Installed indoors or in a sealed unit
- Connection terminal: 2 wires
- Customisable contact: NC or NO at rest
- Choice of detection mode: intrusion or technical
- Possibility of setting the entrance timer: 0 to 45 seconds, on the CLT 8000 touch screen keypad
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range: 100 to 300 meters
- Tamper alarm on opening
- Protection index: IP 30- IK 02
- Transmitter dimensions H 102 x W 33 x D 32 mm

### EXAMPLE OF COMPATIBLE PRODUCTS

- Wired door/window contact
- Gas detector with hard-wired output
- Hard-wired alarm detection loop
- Water level sensor
- .....



Name	Reference
DU TYXAL+	6412302
BAT 1/2AA TYXAL+ Lithium battery	6416230

# Wireless repeater

## REP TYXAL+

### FUNCTIONS

- Provides a continuous wireless signal for products associated with the wireless alarm control unit which might be located too far from the unit.
- Also detects mains power failures in association with a control unit



### + USER

- Perfect for large professional premises or houses
- Continuous operation, even if there is a power failure

### + INSTALLER

- Compatible with all components of the alarm system

### TECHNICAL FEATURES

- 230V power supply
- Backup with Lithium battery supplied: LSH20
- Dual radio frequency: 868.30 MHz and 868.95 MHz
- Radio range of 100 to 300 meters
- Tamper alarm when opened or removed
- Associations of up to 16 alarm accessories
- Dimensions : H 165 x W 205 x D 45 mm

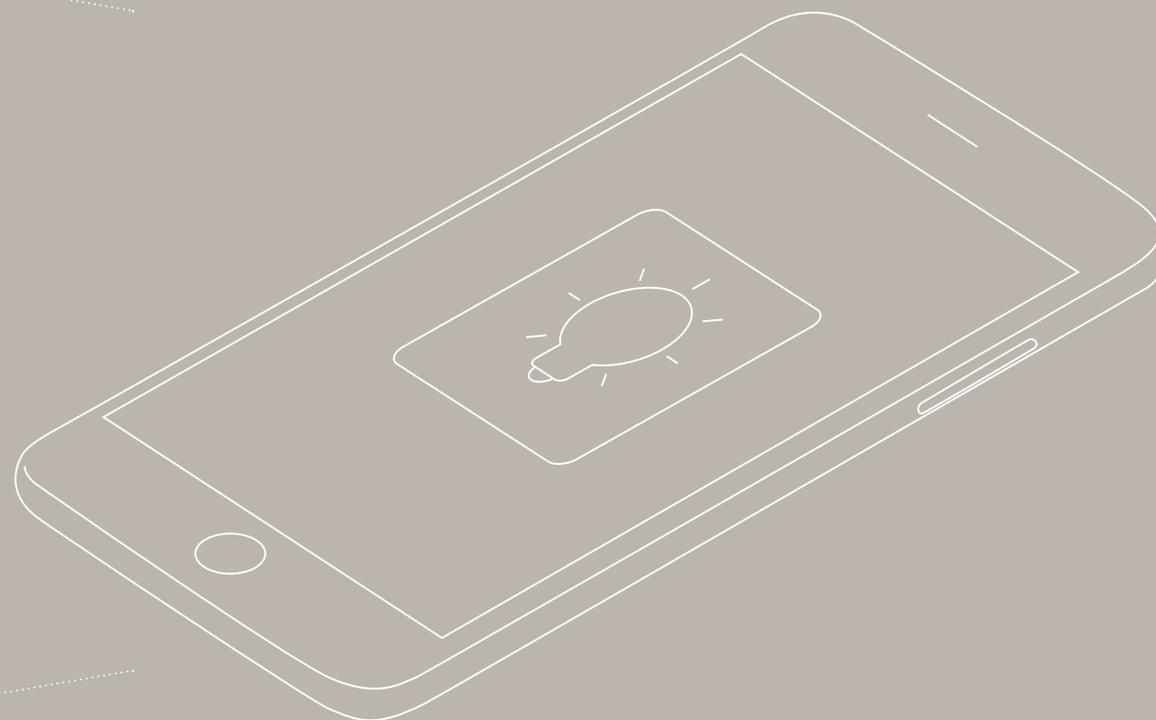
Name	Reference
REP TYXAL+	6414119
BAT D TYXAL+ Lithium battery	6416233

# LIGHTING CONTROL



All receivers in this chapter are compatible with the application and the connected home hub TYDOM.

Selection guide	p.116
Applications	p.120
Packs	p.126
Receivers	p.130
Transmitters	p.144



# Selection guide

● Compatible

● On/off compatible not compatible with dimming

		LIGHTING ON/OFF							DIMMING LIGHTING		
		Bedside lamp on/off receiver	Flush-mounted on/off receivers				Surface-mounted on/off receiver	Flush-mounted lighting dimmer receivers			
		TYXIA 6610 6351376	TYXIA 5610 6351400	TYXIA 5612 6351906	TYXIA 4600 6351103		TYXIA 4811 6351107	TYXIA 4801 6351110	TYXIA 6410 6351180	TYXIA 4840 6351115	TYXIA 4850 6351126
		100 watt powered output On/Off	300 W powered output On/Off	300 W powered output On/Off	Dry contact output On/Off		2400 W powered output On/Off + timer	2400 W powered output On/Off + timer	Dry contact output On/Off pulse	300 W powered live neutral dimming Timer	40-300 W powered live dimming timer
											
Wireless transmitter receiver switches	TYXIA 2600 6351399	●	●	●	●		●	●	●	●	●
	TYXIA 2700 6351096	●	●	●	●		●	●	●	●	●
Wireless transmitter switches	TYXIA 2310 6351380	●	●	●	●		●	●	●	●	●
Remote controls	TYXIA 1700 6351403	●	●	●	●		●	●	●	●	●
	TYXIA 1712 6351406	●	●	●	●		●	●	●	●	●
	TYXIA 1410 6351389	●	●	●	●		●	●	●	●	●
	TYXIA 1400 6351388	●	●	●	●		●	●	●	●	●
Wireless transmitter detectors	Opening detector DO TYXAL + 6412288	●	●	●	●		●	●	●	●	●
Telephone controls	TTGSM TYXAL+ 6414124	●	●	●	●		●	●	●	●	●
	TYDOM 2.0 (IP + GSM) 6414125	●	●	●	●		●	●	●	●	●
Home automation gateway	TYDOM 1.0 (IP) 6700107	●	●	●	●		●	●	●	●	●
	TYDOM 3.0 (IP) 6700104	●	●	●	●		●	●	●	●	●

# NANO MODULES

+ SAVINGS  
in energy  
& electricity

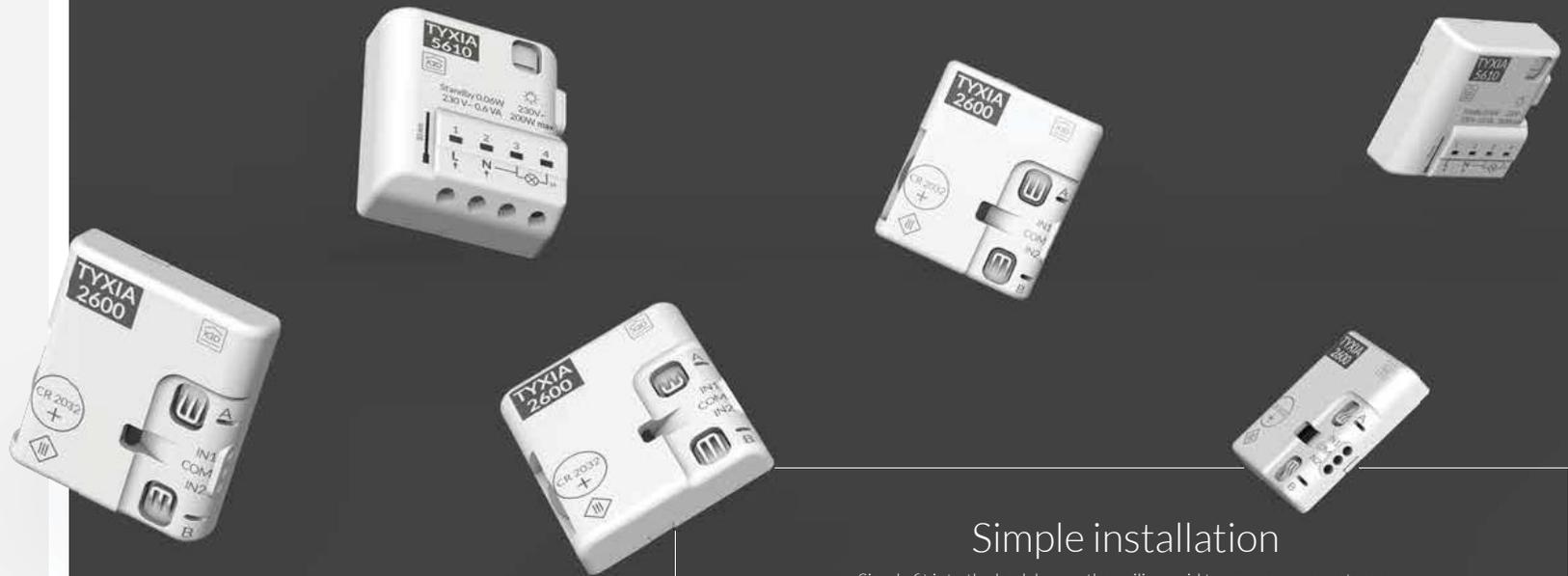
+ PRACTICAL  
to install

+ QUICK  
to commission

+ EASY  
to configure

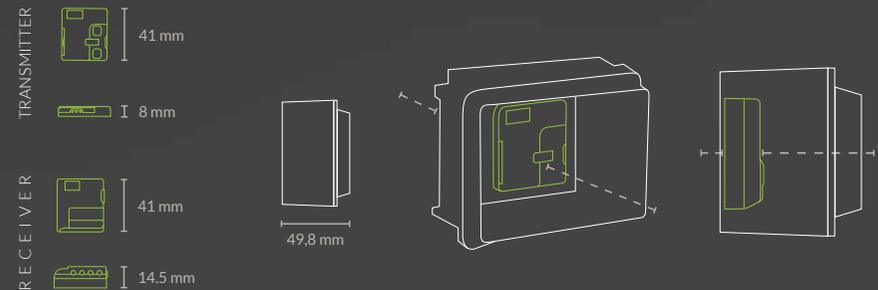
+ SIMPLE  
to understand

# reduced size, to make your installation easier



## Simple installation

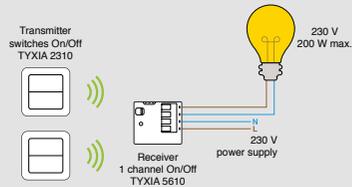
Simply fit into the back box or the ceiling void to ensure your customer can use their existing switches  
Removable wires



# Lighting wireless two-way switch



## A two-way switch without an existing switch

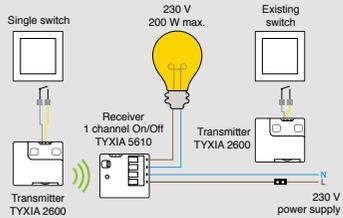


1x TYXIA 611 Pack  
Ref. 6351410 | p.127  
or 2x TYXIA 2310  
Ref. 6351380 | p.145  
1x TYXIA 5610  
Ref. 6351400 | p.132

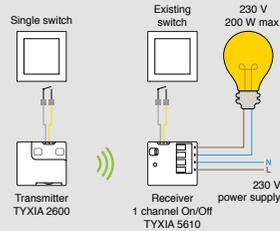
## From an existing switch



### 1 / WITHOUT NEUTRAL



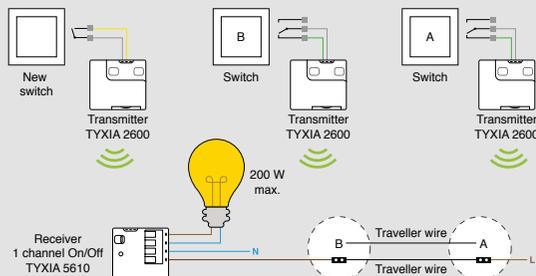
### 2 / WITH NEUTRAL



1 / WITH NO NEUTRAL  
1x TYXIA 511 Pack  
Ref. 6351408 | p.129  
or 2x TYXIA 2600  
Ref. 6351399 | p.144  
1x TYXIA 5610  
Ref. 6351400 | p.132

2 / WITH NEUTRAL  
1x TYXIA 501 Pack  
Ref. 6351407 | p.128  
or 1x TYXIA 2600  
Ref. 6351399 | p.144  
1x TYXIA 5610  
Ref. 6351400 | p.132

## Adding a 3<sup>rd</sup> wireless control point to an existing two-way switch circuit

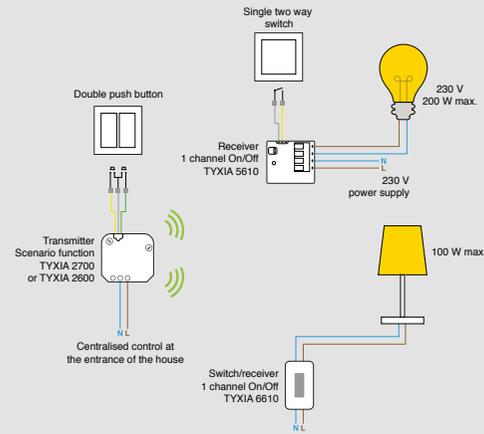


3x TYXIA 2600  
Ref. 6351399 | p.144  
1x TYXIA 5610  
Ref. 6351400 | p.132

# Lighting control

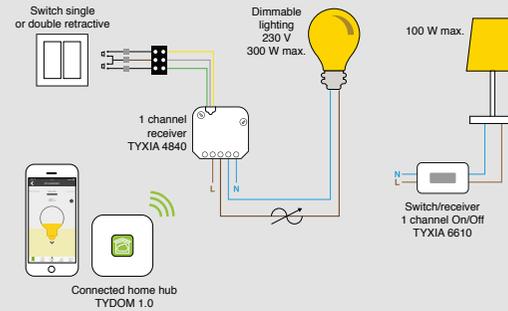


## Control the operation of all lighting



Qty.	Product	Ref.	Page
-	TYXIA 5610	6351400	132
1	TYXIA 6610	6351376	130
1	TYXIA 2600	6351399	144
or 1	TYXIA 2700	6351096	146

## Manage brightness in the living room

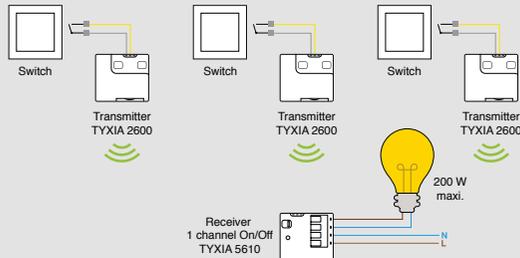


Qty.	Product	Ref.	Page
1	TYXIA 4840	6351115	134
1	TYXIA 6610	6351376	130
1	TYDOM 1.0	6700107	22

# Lighting control



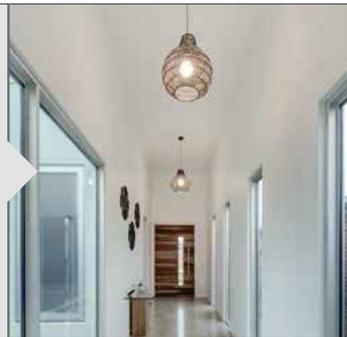
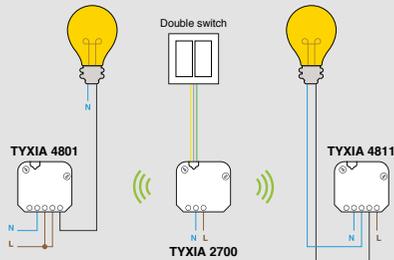
## Creating a wireless circuit equivalent to a remote switch circuit



Qty.	Product	Ref.	Page
1	TYXIA 5610	6351400	132
*	TYXIA 2600	6351399	194

\* Quantity depending on the number of products

## Creating a timer in a corridor

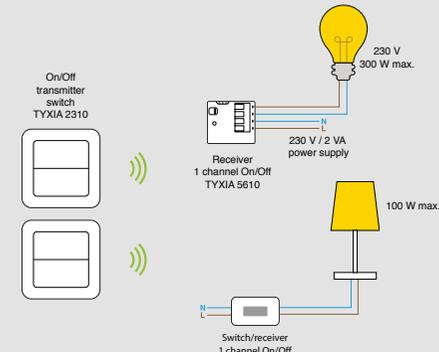


Qty.	Product	Ref.	Page
1	TYXIA 2700	6351400	146
1	TYXIA 4801	6351110	138
1	TYXIA 4811	6351107	138

# Lighting control

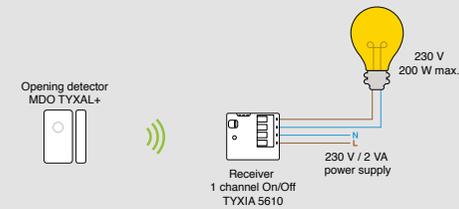


## Lighting control in the room



Qty.	Product	Ref.	Page
2	TYXIA 2310	6351380	145
1	TYXIA 5610	6351400	132
1	TYXIA 6610	6351376	130

## Automatically control lighting when opening and closing a door

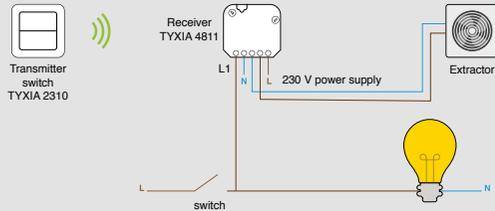


Qty.	Product	Ref.	Page
1	MDO TYXAL+	6412305	105
1	TYXIA 5610	6351400	132

# Other examples of remote control

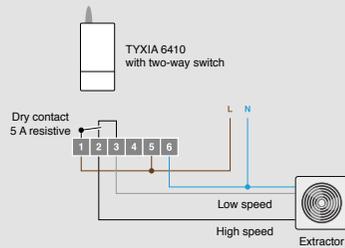


## Creating an extractor fan timer in a toilet



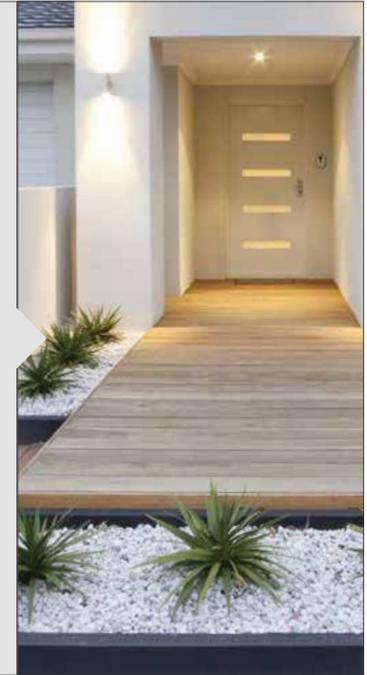
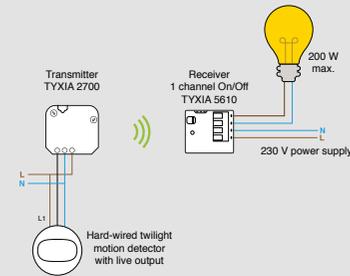
1x TYXIA 4811  
Ref. 6351107 | p.138  
1x TYXIA 2310  
Ref. 6351380 | p.145

## Controlling the high-speed setting of a extractor system



1x TYXIA 6410  
Ref. 6351180 | p.140

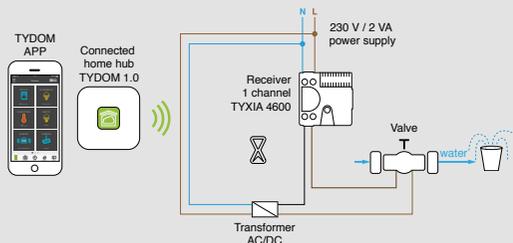
## Controlling one or several lights with presence detection



Qty.	Product	Ref.	Page
*	TYXIA 5610	6351400	132
1	TYXIA 2700	6351096	146

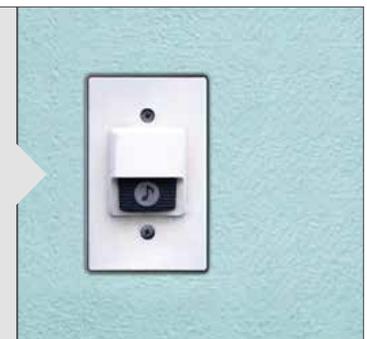
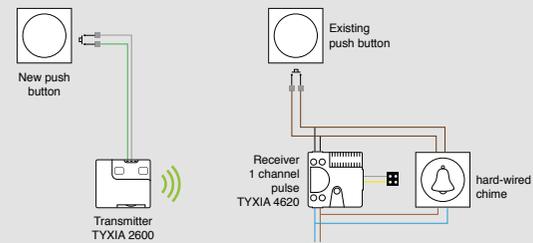
\* Quantity depending on the number of products

## Programming watering the garden



1x TYXIA 4600  
Ref. 6351103 | p.141  
1x TYDOM 1.0  
Ref. 6700107 | p.22

## Adding a bell button to an existing hard-wired bell



Qty.	Product	Ref.	Page
1	TYXIA 4620	6351104	164
1	TYXIA 2600	6351399	144

## Light control pack



### TYXIA 620 PACK

#### FUNCTIONS

- Pack to control 2 lighting receiver switches for lamps



#### + USER

- Switches all lamps in the room on or off simultaneously
- Compatible with all types of lighting (LED, compact fluorescent, halogen, etc.)

#### + INSTALLER

- Quick connect terminal blocks for easy installation of receivers
- Universal products for international use

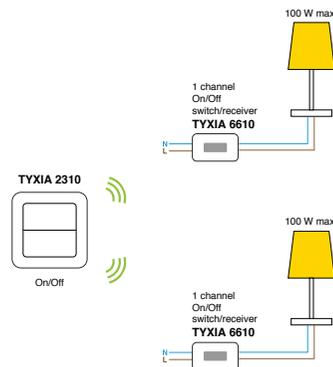
#### TECHNICAL FEATURES

##### TYXIA 2310 transmitter switch

- Radio frequency 868 MHz
- CR 2430 lithium battery power supply (included)
- Battery life 10 years
- Dimensions: H 80 x W 80 x D 11 mm
- Degree of protection: IP 40- IK04

##### TYXIA 6610 receiver switches

- Radio frequency: 868 MHz
- 1 On/Off control channel
- Live/Neutral power supply via the cord
- Max. output power 100 W
- Type of controlled loads: led, compact fluorescent, low-energy halogen, incandescent
- Dimensions: H 76.5 x W 36.5 x D 27 mm
- Degree of protection: IP40



#### CONTENTS OF THE PACK :

- 1 Transmitter switch Lighting, control system, scenario control TYXIA 2310 (p. 145)
- 2 Lamp rocker switch receiver TYXIA 6610 (p. 130)

Name	Reference
TYXIA 620 PACK	6351385

## Wireless two-way switch pack



### TYXIA 611 PACK

NEW

#### FUNCTIONS

- Creation of a two-way lighting system without any existing switch



#### + USER

- Wall switches can be affixed or attached to any surface: wall, furniture, glass, ceramic, wood...
- Compatible with all types of lighting (LED, compact fluorescent, halogen, etc.)
- Battery life: 10 years

#### + INSTALLER

- Perfect for creating a two way switch without an existing switch
- Installation with minimal work thanks to wireless technology
- Perfect for mounting on a pocket door frame

#### TECHNICAL FEATURES

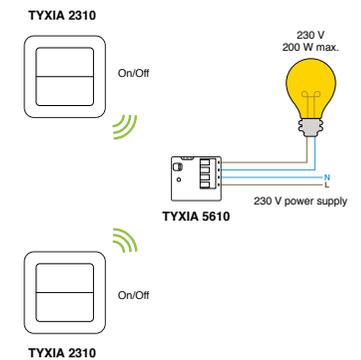
- Radio frequency 868 MHz

##### TYXIA 2310 transmitter switch

- CR 2430 lithium battery power supply (included)
- Battery life 10 years
- Protection index: IP 40- IK04
- Dimensions: H 80 x W 80 x D 11 mm

##### TYXIA 5610 receiver

- 230V, 50 Hz, 0,6 VA, 0,06 W power supply with live and neutral
- Installation in a flush-mounting box:
  - behind a switch,
  - in an airtight junction box,
  - in a suspended ceiling
- Dimensions: H 41 x W 36 x D 14.5 mm



#### CONTENTS OF THE PACK :

- 2 Transmitter switch Lighting, control system, scenario control TYXIA 2310 (p. 145)
- 1 X3D 1 channel On/Off lighting receiver TYXIA 5610 (p. 132)

Name	Reference
TYXIA 611 PACK	6351410

## Wireless two-way pack with neutral



### TYXIA 501 PACK

NEW

#### FUNCTIONS

- Two-way lighting system using an existing switch
- Installation on existing switch when neutral is present in the flush mounting box



#### + USER

- A new control point can be added very easily without altering the decoration
- Compatible with all types of lighting (LED, compact fluorescent, halogen, etc.)

#### + INSTALLER

- Perfect for creating a two-way switch using an existing switch
- Installation without having to lay extra cables or create chases
- Only recommended SELV transmitter for electrical protection standards in bathrooms
- Unrestricted number of associated receivers

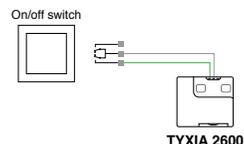
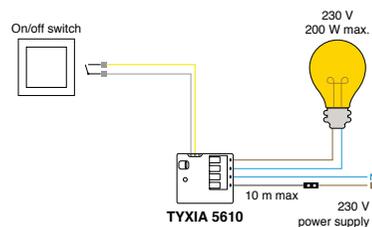
#### TECHNICAL FEATURES

##### TYXIA 2600 Transmitter

- CR 2032 lithium battery power supply (included)
- 8-year battery life
- 1 to 2 control channels
- Three pre-wired cables for connection to the switch with local switch, push button, Raise/Lower
- Unlimited number of associated receivers
- Not compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 8 mm

##### TYXIA 5610 receiver

- 230V, 50Hz, 0.6 VA, 0.06W power supply with live and neutral
- 1 230V On/Off output control channel
- Installation in a flush-mounting box:
  - behind a switch,
  - in an airtight junction box,
  - in a suspended ceiling
- Cable supplied for connection to switch
- Automatic identification of switch type: two-way or push button
- Dimensions: H 41 x W 36 x D 14.5 mm



#### CONTENTS OF THE PACK :

- 1 Multifunction 2 channel X3D battery transmitter TYXIA 2600 (p. 144)
- 1 X3D 1 channel On/Off lighting receiver TYXIA 5610 (p. 132)

Name	Reference
TYXIA 501 PACK	6351407

## Wireless two-way pack without neutral



### TYXIA 511 PACK

NEW

#### FUNCTIONS

- Two-way lighting system using an existing switches
- Installation on existing switch when there is no neutral in the flush mounting box



#### + USER

- Enables the very simple addition of a new control point for outdoor or indoor lighting
- Compatible with all types of lighting (LED, compact fluorescent, halogen, etc.)
- Recommended for a large room, passageway, staircase, etc.

#### + INSTALLER

- Perfect for creating a two-way system when there is only a simple lighting system in place
- Transmitters are battery-powered for adding switches or push buttons without having to lay extra cables or create chases
- Only SELV transmitters recommended for electrical protection standards in bathrooms
- Unrestricted number of associated receivers

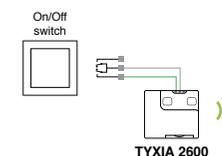
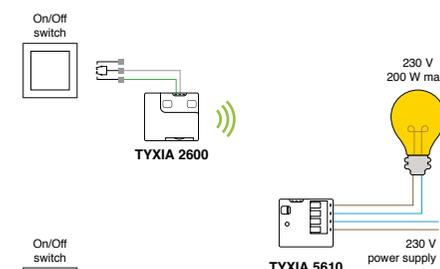
#### TECHNICAL FEATURES

##### TYXIA 2600 transmitter

- CR 2032 lithium battery power supply (included)
- 8-year battery life
- 1 or 2 control channels depending on product
- Three pre-wired cables for connection to the switch with local switch, push button, Raise/Lower
- Unlimited number of associated receivers
- Not compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 8 mm

##### TYXIA 5610 receiver

- 230V, 50Hz, 0.6 VA, 0.06W power supply with live and neutral
- 1 230V On/Off output control channel
- Installation in a flush-mounting box:
  - behind a switch,
  - in an airtight junction box,
  - in a suspended ceiling
- Cable supplied for connection to switch
- Automatic identification of switch type: two-way or push button
- Dimensions: H 41 x W 36 x D 14.5 mm



#### CONTENTS OF THE PACK :

- 2 Multifunction 2 channel X3D battery transmitter TYXIA 2600 (p. 144)
- 1 X3D 1 channel On/Off lighting receiver TYXIA 5610 (p. 132)

Name	Reference
TYXIA 511 PACK	6351408



## TYXIA 6610

### FUNCTIONS

- Replaces existing rocker or connected in series
- On/Off control of lamps via one or several transmitters
- On/Off control from switch at lamp also
- Compatible with the TYXAL+ alarm
- Presence simulation by switching on a light remotely
- Light state feedback with compatible transmitters



### + USER

- Controls a lamp remotely via a switch or remote control
- Perfect for switching a light difficult to access on or off
- Also operates as a standard switch
- Compatible with all types of lighting (LED, compact fluorescent, halogen, etc.)
- Simulate your presence by programming whilst you are away

### + INSTALLER

- Quick connect terminal blocks for easy installation
- Pull-out resistance for safe use
- Universal product for a universal solution

### TECHNICAL FEATURES

- Radio frequency: 868 MHz
- 1 On/Off control channel
- Degree of protection: IP40
- Live/Neutral power supply via the cord
- Max. 100W powered output
- Type of controlled loads: led, compact fluorescent, low-energy halogen, incandescent
- Dimensions: H 76.5 x W 36.5 x D 27 mm
- Operating temperature: 0° to 35°
- Max. number of associated transmitters: 16
- Compatible with the mesh network function

230 V~, 50 Hz, 0.5 A Max			Transfo
100 W	60 W	60 W	
6 max.			

### TWO INSTALLATION MODES :



- Replacing the existing switch



- In addition to the existing switch (creating an extension)

For information: The original lamp extension cord may only be modified or changed by a qualified electrician or a trained person.



TYXIA 2310



TYXIA 6610

Name	Reference
TYXIA 6610	6351376





## TYXIA 4840/4850

### FUNCTIONS

- Controls a dimmable lighting system from one or several wireless mobile or stationary transmitters, or a single or double retractive switch
- Adjustable lighting time: 10 seconds to 1 hour
- Timed lighting and dimming functions
- Lighting off warning function
- Timed lighting control in association with a hard-wired motion detector or a push button
- Last dimming level backup function after the light goes out and the last level is restored after pressing the switch



### + USER

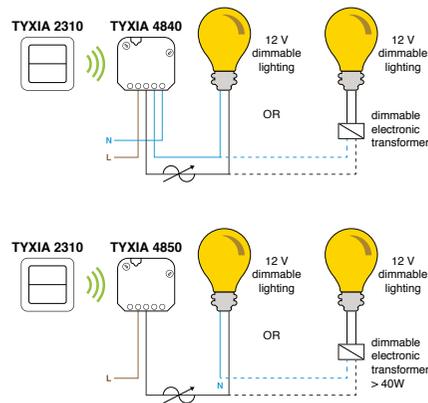
- Compatible with all types of dimmable lighting (LED, compact fluorescent, halogen, etc.)
- Users can adjust the lighting as required

### + INSTALLER

- Universal multifunction dimmer
- Automatic recognition of the type of load to dim (R, L, C, ESL, LED)
- Anti flicker function for LED lighting via the recording of a minimum and maximum dimming threshold
- Pre activation function for compact fluorescent lights

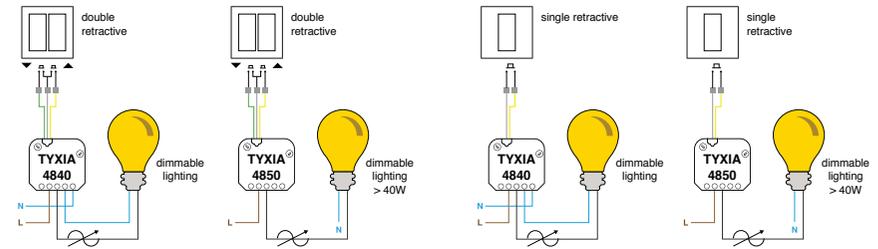
### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 dimmer control channel on primary circuit
- 3 pre-wired wires for connection to local switch
- Possibility of extending local control by 10 meters
- Adjustable timer from 10 s to 1 hour
- 230V power supply with live and neutral
- Operating temperature: -5° to 35°C
- Dimensions: H 50 x W 47 x D 26 mm
- Compatible with dimmable/gradable lighting
- Compatible with the mesh network function
- Up to 16 transmitters can be associated

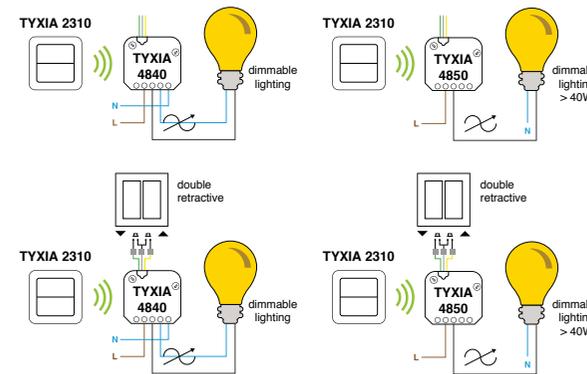


Name	Reference
TYXIA 4840	6351115
TYXIA 4850	6351126
TYXIA CR1W	6353001

### Self-contained dimmers with local control



### Light dimmer receivers

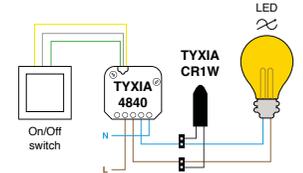


### PLEASE NOTE

Tested and jointly validated (LED bulbs - 230V dimmable)

**OSRAM PHILIPS**

### Wiring of the resistive load TYXIA CR1W



### Compatibility of lighting with TYXIA 4840 and 4850 universal dimmers

	Dimmable lighting					
Lighting						
Type of lighting	230 V Halogen 230 V Incandescent	12 V ELV Halogen with ferromagnetic/ toroidal transformer	12 V ELV Halogen with electronic AC or DC transformer	230 V compact fluorescent or energy saving	230 V LED bulb	ELV LED with driver
Dimmer load symbol recommended by the lighting manufacturer						
Control power TYXIA 4840	200 W max	300 W max		100 W max	300 W max	
TYXIA 4850	40 to 200 W max.	40 to 300 W max.		40 to 200 W max.	40 to 300 W max.	

# Light dimmer X3D/DALI receiver



## TYXIA 4860

### FUNCTIONS

- Controls a dimmable DALI lighting circuit from a one or several radio transmitter or locally with a single or double switch (+/-)
- Saving of the last brightness level, after extension, by pressing briefly the switch (possible to disable)



### + USER

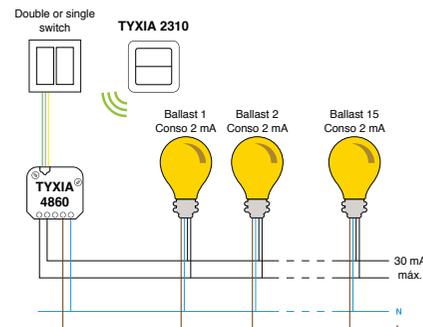
- Possibility to control up to 15 lights with one command
- Control of the brightness variation range

### + INSTALLER

- Compatible with all DALI ballasts
- Automatic addressing of the DALI ballasts
- Operates in broadcast only

### TECHNICAL FEATURES

- Radio Frequency 868 MHz
- Live/neutral power supply 230V, 50Hz, 2VA
- Voltage Bus DALI 14V
- DALI output power: 40Ma (20 ballasts DALI of 2Ma)
- DALI lightings are mounted in series and have the same functioning (broadcast)
- Maximum cable length for the Bus with cables of 1.5mm<sup>2</sup>: 100m
- Operating temperature: 0°C - 40°C
- 3 pre-cabled wires for the connection of push button type switches in local control
- Dimensions : H 50 x W 47 x D 23 mm
- Compatible with the mesh network function
- Possibility of associating up to 16 transmitters maximum



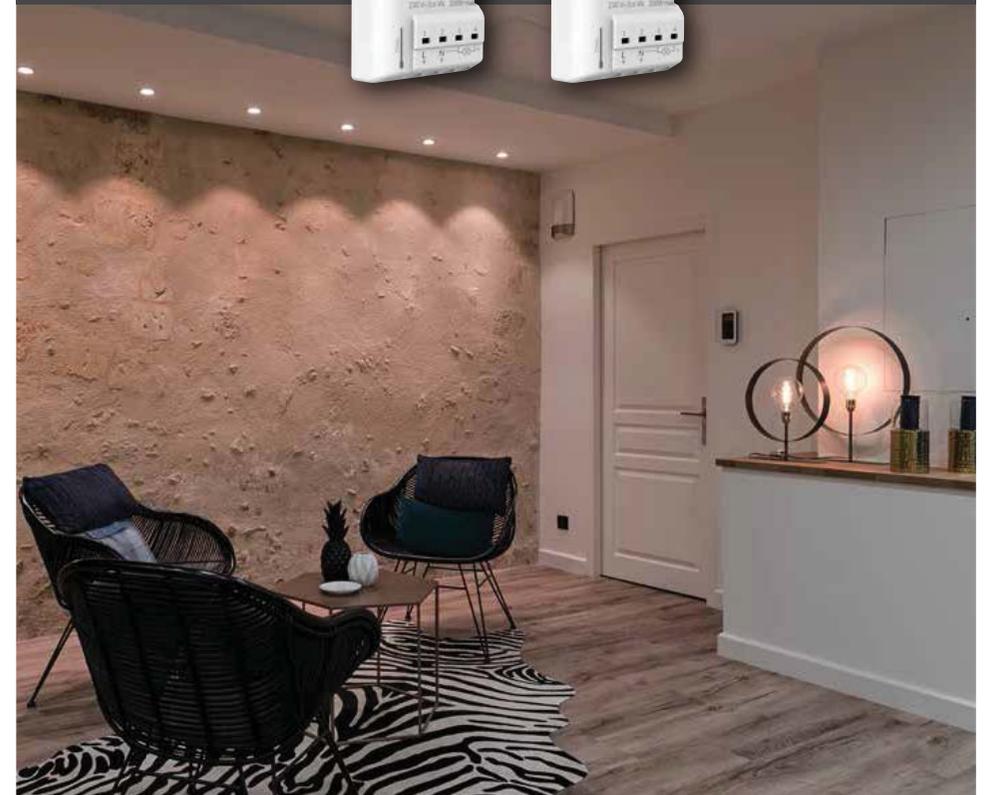
Name	Reference
TYXIA 4860	6351418

# COMING SOON

Nanomodule receivers with dimming functionality

### PATENTED INNOVATION

Dimming range optimised (no flickering with integrated supply)



# 10 Amp On/Off receivers + timer



## TYXIA 4801/4811

### FUNCTIONS

- Controls a lighting system in On/Off mode via one or more wireless mobile or stationary transmitters
- Possibility of adjusting the lighting operation time: from 10 seconds to 1 hour
- Lighting off warning function: flashes once, then a second time to warn that the light is about to go out
- Specific timer with presence detection over 80 seconds to control an air extractor

### TYXIA 4801

- Controls an extractor fan, a fan or lighting



TYXIA 4801  
Dry contact  
output receiver

TYXIA 4811  
Powered  
output receiver

### + USER

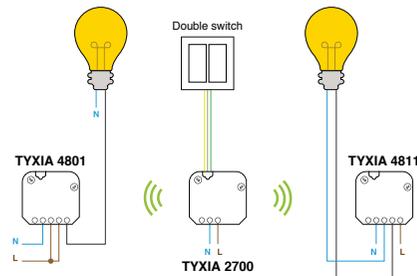
- Suitable for public buildings, thanks to the various functions
- Warns users that the light is about to go out
- Recommended for controlling an air vent in the toilet or bathroom, when lasting presence is detected

### + INSTALLER

- Perfect for controlling lighting up to 10 Amps
- Enables the addition of a timer to a light from a motion detector or a hard-wired push button

### TECHNICAL FEATURES

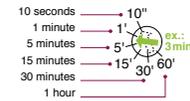
- Radio frequency 868 MHz
- 1 On/Off output channel 10 A
- 2 pre-wired wires for connection to the local switch or to the presence detector with floating output dry contact or push button
- Possibility of extending this local control by 10 meters
- Control function on hard-wired live input (example of compatibility: twilight presence detector with powered live output contact)
- 230V power supply with live and neutral
- TYXIA 4811 max. power:
  - with resistive load: 2300 W
  - with electronic or ferromagnetic transformer: 1000 W
  - other lighting: 500 W
- TYXIA 4801 max. power: all types of lighting: 2300 W
- Adjustable timer time from 10 s to 1 hour
- Operating temperature: -5° to 35°C
- Dimensions: H 50 x W 47 x D 33 mm
- Compatible with the mesh network function
- Up to 16 transmitters can be associated



Name	Reference
TYXIA 4811	6351107
TYXIA 4801	6351110

### Timer features

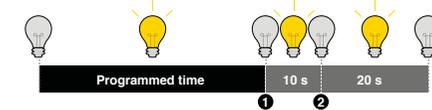
#### Adjust the operating time for lighting



The time delay can be adjusted by 10 seconds, 1 minute, 5 minutes, 15 minutes, 30 minutes or 1 hour in stages.

### Warning that the light is about to turn off

The lights off warning system ensures user safety by making the light flash once and then a second time before it finally goes off.

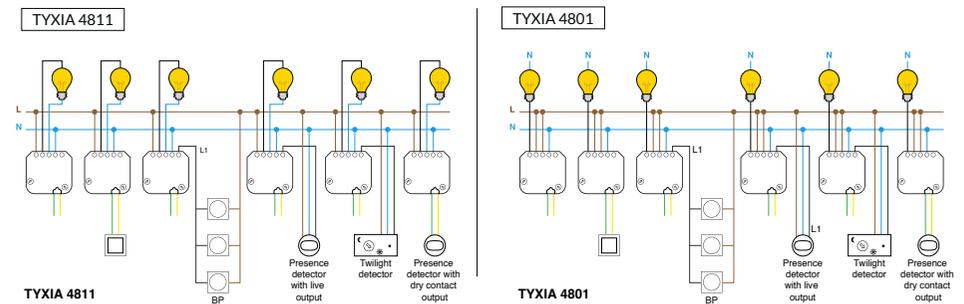


### Shared features of the TYXIA 4811 and TYXIA 4801 receivers

Position of the dial on the receiver	Features	Local input	Wireless controls	Wireless detectors	Live input
Position 1	On/off	On/Off	Wireless transmitters		YES On/Off Switch
Position 2	On timer activation	Forced On/Off			
Position 3	On timer activation				
Position 4	On timer activation				
Position 5	On timer activation with warning that the light is about to turn off				
Position 6*	On timer activation	Detector with dry contact if detection > 80 s			YES if detection > 80 s

\*specific TYXIA 4801

### Different control input connections



## Surface mounted continuous function or pulse receiver for outdoor use



### TYXIA 6410

#### FUNCTIONS

- Controls the activation/deactivation of a control system with a pulse contact such as a garage door or motorised gate, from one or several wireless mobile or stationary transmitters
- In association with TYXAL+ alarm
  - Visual indication in the event that the sirens go off
  - Continuous or brief visual indication of the alarm system status



#### + USER

- Allows for the replacement or addition of remote controls on an existing motor or electric lock

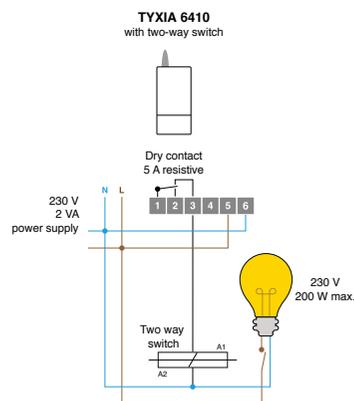
#### + INSTALLER

- For outdoor or indoor use
- Perfect for increasing the number of push button controls on a lighting system with remote switch

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 control channel
- Degree of protection: IPX4-IK04
- Tropicalised electronic card
- Surface mounted
- Operating range: -5° to +40°C
- Dimensions: H 120 x W 54 x D 25 mm (without antenna)
- 230V power supply with live and neutral
- 1 change-over continuous function or pulse dry contact output 5 A max.
- Pulse time selection 250 ms or 4 seconds
- Compatible with the mesh network function
- Contact output selection between NO or NC when idle
- Possibility of associating up to 16 transmitters
- Install in a watertight box if there is a risk of splashing

TYXIA 6410 remote switch



Name	Reference
TYXIA 6410	6351180

## SELV continuous function dry contact receiver



### TYXIA 4600

#### FUNCTIONS

- Controls electrical equipment with continuous On/Off contact, via one or more wireless mobile or stationary transmitters
- Compatible with many appliances (lighting, ceiling fan, air extractor, sprinkling valve, contactor, pump, etc.)



#### + USER

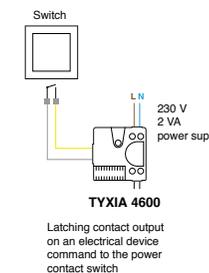
- Ideal for remotely controlling electrical equipment

#### + INSTALLER

- Recommended for controlling 12, 24 V DC or 230 V AC circuits
- Configurable NO or NC SELV output

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 SELV or 230V output control channel
- 230V power supply with live and neutral
- 2 pre-wired wires for connection to the local switch or push button
- Possibility of extending the local control by 10 meters
- 1 floating continuous function dry contact output
- Selection of the NO NC contact output
- Possibility of associating up to 16 transmitters
- Compatible with the mesh network function
- Dimensions: H 45 x W 38 x D 23 mm
- Interrupting capacity of the controlled circuit:
  - 230 V AC: 0.5 A max
  - 12 V DC (SELV): 1 A max
  - 24 V DC (SELV): 0.5 A max
- Operating temperature: -5° to 40°C



Name	Reference
TYXIA 4600	6351103

## Wireless repeater

### TYXIA ERX 1000

#### FUNCTIONS

- Radio range can be extended: used when a monodirectional transmitter fails to interface with a receiver
- Receives the radio signal of transmitters then forwards the signal at full power to the receiver



#### + USER

- Perfect for large dwellings or offices

#### + INSTALLER

- Enhances wireless transmission between a transmitter and receiver for difficult configurations

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- Minimum radio range 100 m free field
- 230V power supply
- Backup memory in the event of power outage
- Association of up to 16 transmitters
- Possibility of associating up to 2 repeaters on an installation
- Installed in a 40mm-deep flush-mounting box
- Dimensions: H 45 x W 38 x D 24 mm

Name	Reference
TYXIA ERX 1000	6351301

## Wireless repeater

### TYXIA ERX 2000

#### FUNCTIONS

- Radio range can be extended: used when a monodirectional transmitter fails to interface with a receiver
- Receives the radio signal of transmitters then forwards the signal at full power to the receiver



#### + USER

- Perfect for large dwellings or offices

#### + INSTALLER

- Enhances wireless transmission between a transmitter and receiver for difficult configurations
- Can be installed indoors or outdoors

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- Minimum radio range 100 meters
- 230V power supply
- Backup memory in the event of power outage
- Association of up to 16 transmitters
- Possibility of associating up to 2 repeaters on an installation
- Degree of protection: IP 44
- Install in a watertight box if there is a risk of splashing
- Operating temperature: - 20°C to + 60°C
- Dimensions: H 120 x L 54 x D 25 mm

Name	Reference
TYXIA ERX 2000	6351372

# Multifunction 2 channel X3D battery transmitter



## TYXIA 2600

NEW

### FUNCTIONS

- Controls:
  - 1 or 2 channel On/Off control with single or double two-way switch
  - 1 or 2 channel lighting dimming control using single retractable or double retractable
  - 1 roller shutter channel with switch or push button
  - 1 or 2 scenario channels with on/off switch or retractable
 Example: general control of lighting, activation of an ambient scenario
- With the scenario feature, control groups of receivers in a defined position



### + USER

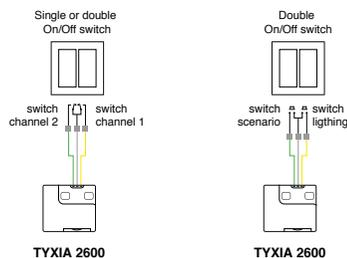
- Simple addition of a new switch, without any damage to the decoration
- Ideal for the activation of a scenario with a simple push button (cinema, dinner with friends, nightlight, etc.)
- User friendly thanks to its 8 year battery life\*

### + INSTALLER

- Installation without having to lay extra cables or create chasing
- Compatible with all types of standard appliances of all brands
- The only recommended SELV transmitters for electrical protection standards in bathrooms
- Multi-function transmitter: lighting, lighting dimmer, roller blind, control systems

### TECHNICAL FEATURES

- CR 2032 lithium battery power supply (included)
- 8-year battery life
- Radio frequency 868 MHz
- 1 or 2 control channels depending on product
- Three pre-wired cables for connection to the switch with local switch, push button, Raise/Lower
- Unlimited number of associated receivers
- Not compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 8 mm



Name	Reference
TYXIA 2600	6351399

# Transmitter switch Lighting, control system, scenario control



## TYXIA 2310

### FUNCTIONS

- 3-in-1 lighting switch
- Controls 1 or 2 lighting or control system channels in On/Off mode
- Controls 2 scenario channels (On/Off for lighting receivers or On/Off and dimming for lighting dimmer receivers)
- Controls 1 light dimming channel



### + USER

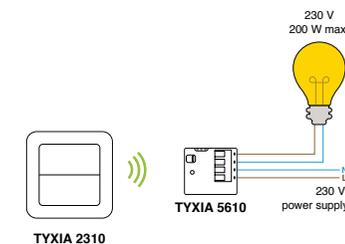
- Outstanding battery life: 10 years
- Wall-mounted switches that can be mounted or affixed to any surface: wall, furniture, glass, ceramic, wood, etc.

### + INSTALLER

- Easy and quick installation, without any specific work required
- Perfect for creating a two way switch without an existing switch
- The only recommended SELV switch for electrical protection standards in bathrooms

### TECHNICAL FEATURES

- Radio frequency 868 MHz
- CR 2430 lithium battery power supply (included)
- Battery life 10 years
- Dimensions: H 80 x W 80 x D 11 mm
- Degree of protection: IP 40- IK04



Name	Reference
TYXIA 2310	6351380

# 230V transmitter Multifunction control

## TYXIA 2700

### FUNCTIONS

- Controls:
  - 2 lighting channels via a double switch or double push button
  - 1 lighting dimming channel via a double retractive
  - 2 scenario channels via double push button
  - 1 roller shutter channel via a shutter switch
- Hard-wired control input on live input from a detector (e.g.: modify a hard-wired outdoor motion into a wireless transmitter detector)
- With the scenario function, control of a group of receivers in a set position:
  - On/Off mode for lighting receivers
  - Raise/Lower position for shutter receivers



### + USER

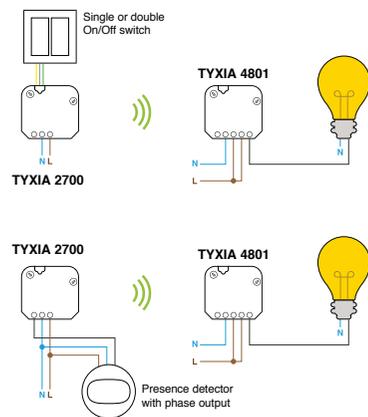
- Multifunction transmitter: lighting, light dimming, roller shutters, control systems or scenarios
- The scenario function offers 2 ambiances in the home

### + INSTALLER

- Multi-function transmitter: lighting, lighting dimmer, roller blind, control systems
- Compatible with all types of standard appliances of all brands
- Creation of automation with phase input

### TECHNICAL FEATURES

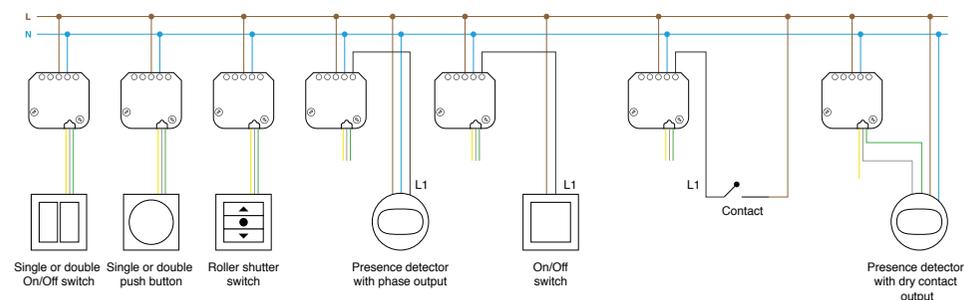
- Radio frequency 868 MHz
- 1-2 control channels depending on the function
- 1 channel 1x16 receivers in mesh networking
- 2 channels: 2x16 receivers in mesh networking
- 3 pre-wired wires for the connection of local switches (push button, change-over or Raise/Stop/Lower switch)
- 1 hard-wired live input with detector or switch
- Unrestricted direct registration or 16 receivers in mesh network
- Operating temperature: -5° to 40°C
- Dimensions: H 50 x W 47 x D 23 mm
- 230V power supply with live and neutral
- Compatible with the mesh network function



Name	Reference
TYXIA 2700	6351096

Positioning the dial on the transmitter	Features	Types of equipment to be connected to the transmitter
Position 1	Controls 1 or 2 On/Off control channels	Single or double switch
Position 2	Controls 1 or 2 On/Off control channels	Single or double push button
Position 3	Controls 1 roller shutter control channel	Raise/Lower roller shutter switch
Position 4	Controls 1 dimmer control channel	Double retractive
Position 5	Controls 1 or 2 scenario control channels	Single or double push button Detector with a dry contact output
Position 6	Controls 1 control channel with live input	Detector with a live output Powered contact or switch

### Different control input connections



## Key ring remote controls



### TYXIA 1400/1410

#### FUNCTIONS

- Bidirectional remote control: visual feedback on the command sent

#### TYXIA 1400

- Controls 2 lighting channels in On/Off mode + dimming or 2 roller shutter channels in Raise/Lower mode

#### TYXIA 1410

- 4 channel control for control systems Opening/Closing for gate, garage door, electric lock, On/Off lighting, sprinkler pump, etc.



TYXIA 1400



TYXIA 1410

#### + USER

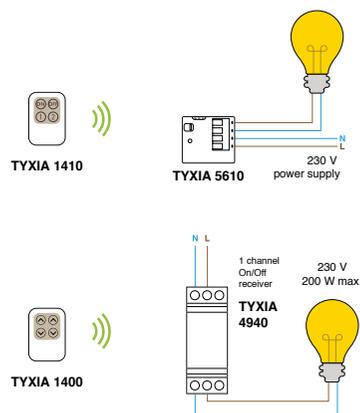
- Easy to carry around thanks to its pocket size and its key ring fastener
- Centralised control of outdoor control systems and lighting
- Impact resistant for daily use

#### + INSTALLER

- Unrestricted number of associated receivers

#### TECHNICAL FEATURES

- Lithium battery included: 3 V CR 2430
- Battery life: 10 years
- Radio bi-frequency: 868 MHz
- Radio range: 100 to 300 meters
- 1 to 4 control channels depending on the product
- Degree of protection: IP 32
- Dimensions: H 74 x W 37 x D 14 mm
- Weight (with batteries): 25 g
- Delivered with a key ring
- Unrestricted number of associated receivers
- Compatible with the mesh network function



Name	Reference
TYXIA 1400	6351388
TYXIA 1410	6351389

## Group remote controls



### TYXIA 1700/1712

NEW

#### FUNCTIONS

#### TYXIA 1700

- Centralises control of 5 comfort devices: lighting On/Off or dimming mode, roller shutters, blackout blinds, motorised projector screen (e.g. home cinema), etc.

#### TYXIA 1712

- Controls lighting in On/Off mode and roller shutters in Raise/Stop/Lower position
- Centralises control of 16 On/Off lighting receivers and 16 configurable roller shutter receivers + 1 central control per group
- Feedback



TYXIA 1700



TYXIA 1712

#### + USER

- Centralising the control of comfort devices in a room (bedroom, living room, etc.) or all the rooms in a home
- Feedback of whether the receivers have correctly received the message

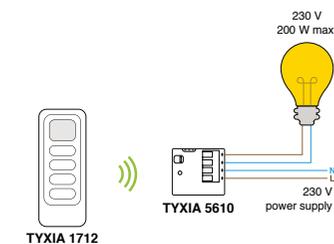
#### + INSTALLER

#### TYXIA 1712

- Receivers installed in separate groups are controlled with the mesh network function

#### TECHNICAL FEATURES

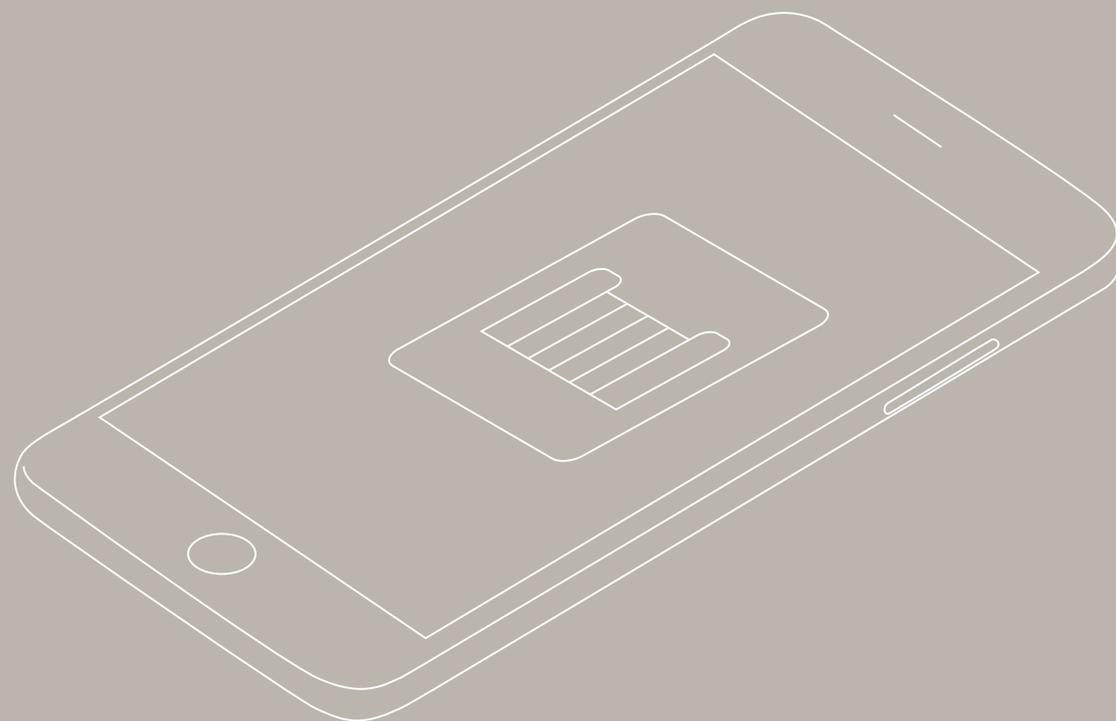
- CR2430 lithium battery power supply (included)
  - Battery life: 10 years
  - Radio frequency 868 MHz
  - Supplied with a mount to place on furniture or attach to a wall
  - Dimensions: H 121 x W 46 x D 10.7 mm
- #### TYXIA 1712
- Compatible with the mesh network function
  - Number of receivers that can be connected to mesh network: 2 groups of 16 max.



Name	Reference
TYXIA 1700	6351403
TYXIA 1712	6351406

# SHUTTERS/BLINDS & OPENINGS

Selection guide	p.152
Applications	p.153
Packs	p.156
Receivers	p.160
Transmitters	p.166



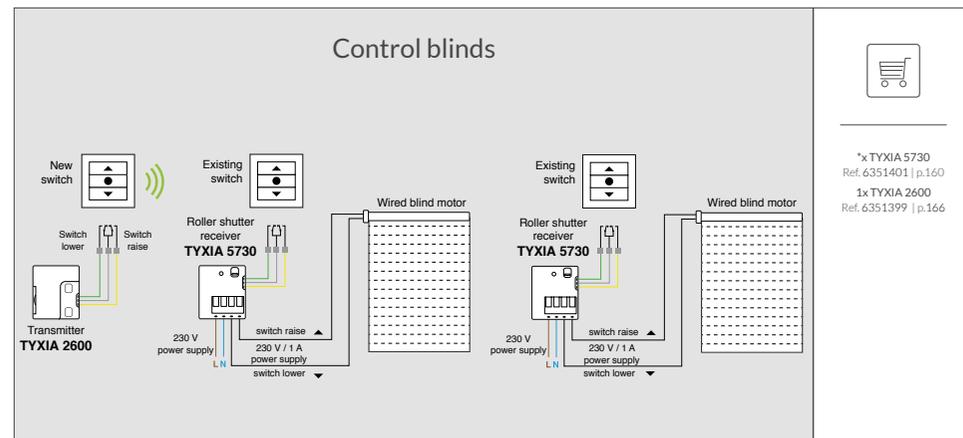
# Selection guide

- Compatible
- Raise/lower compatible not compatible with blade adjustment

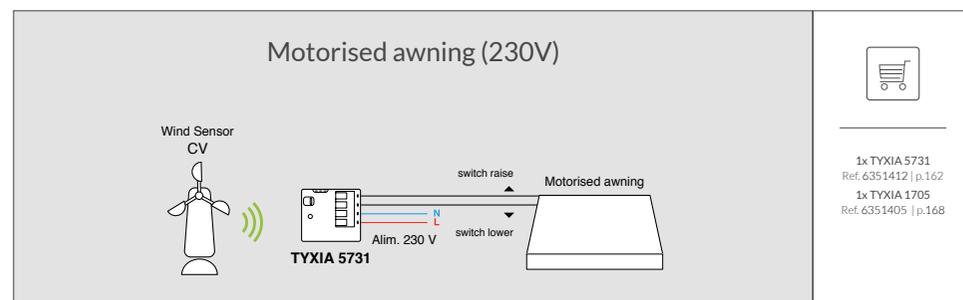
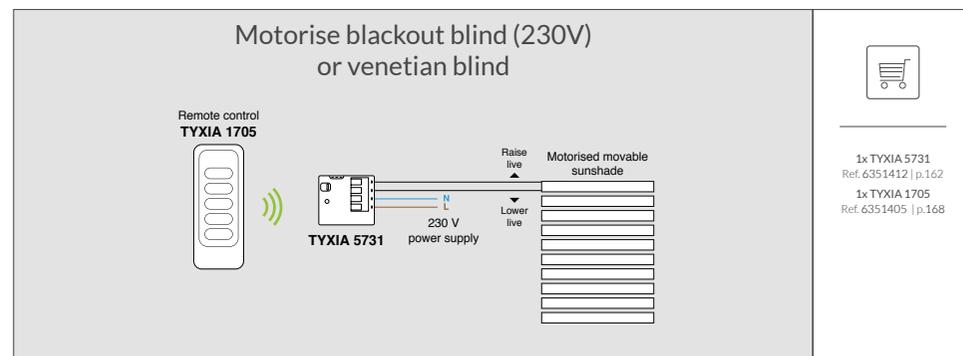
		Roller shutter		Blinds	Gate	
		Flush-mounted roller shutter receivers		Raise/lower & adjustable angle venetian receiver	Flush-mounted pulse receiver	Surface-mounted pulse receiver
		TYXIA 5630 6351401	TYXIA 5730 6351402	TYXIA 5731 6351412	TYXIA 4620 6351104	TYXIA 6410 6351180
		For motor 30 Nm or 1 A	For motor 80 Nm or 2 A	For motor 80 Nm or 2 A	Dry contact output	Dry contact output
Wireless transmitter receiver switches	TYXIA 2600 6351399	●	●	●	●	●
	TYXIA 2700 6351096	●	●	●	●	●
Wireless transmitter switches	TYXIA 2310 6351380				●	●
	TYXIA 2330 6351379	●	●	●		
Remote controls	TYXIA 1700 6351403	●	●	●	●	●
	TYXIA 1703 6351404	●	●	●	●	
	TYXIA 1705 6351405	●	●	●	●	
	TYXIA 1712 6351406	●	●	●	●	
	TYXIA 1410 6351389				●	●
	TYXIA 1400 6351388	●	●	●	●	
Wireless transmitter detectors	Wind sensor CV 6351393			●		
	Opening detector DO TYXAL+ 6412288	●	●	●	●	●
Telephone controls	TTGSM TYXAL+ 6414124	●	●	●	●	●
	TYDOM 2.0 (IP+GSM) 6414125	●	●	●	●	●
Home automation gateway	TYDOM 1.0 (IP) 6700107	●	●	●	●	●
	TYDOM 3.0 (IP) 6700104	●	●	●	●	●



## Control blinds or blackout blinds



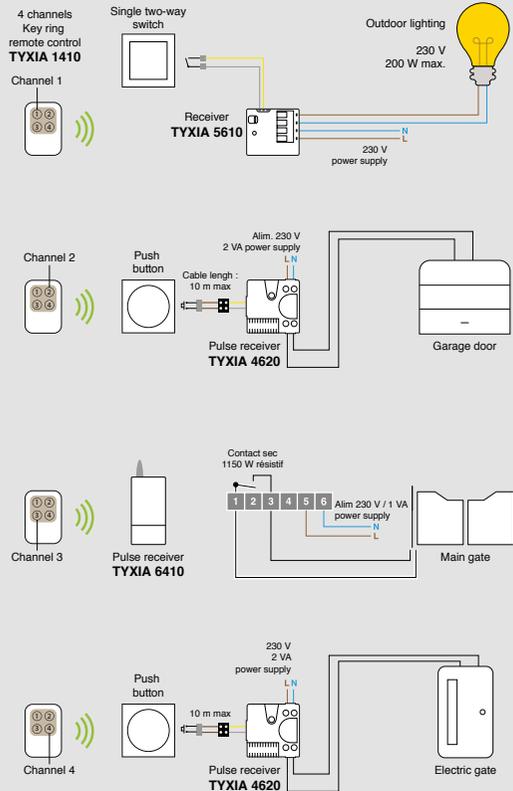
\* Quantity depending on the number of products



# Other examples of remote control



## Control openings and outdoor lighting



Qty.	Product	Ref.	Page
-	TYXIA 5610	6351400	132
2	TYXIA 4620	6351104	164
1	TYXIA 6410	6351180	165
1	TYXIA 1410	6351389	170

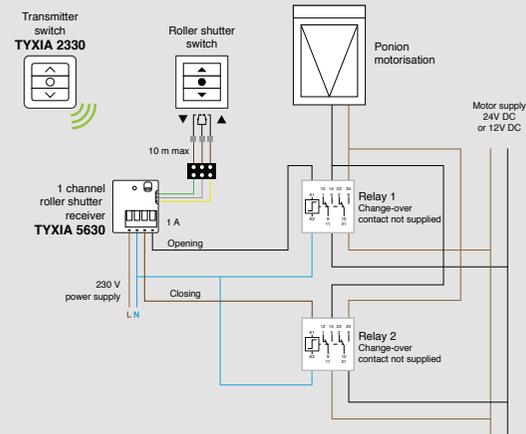
\* Quantity depending on the number of products

## ALWAYS UNDER CONTROL EVEN REMOTELY !

With the TYDOM application, your customers can control their opening systems and lighting from a smartphone or a tablet.

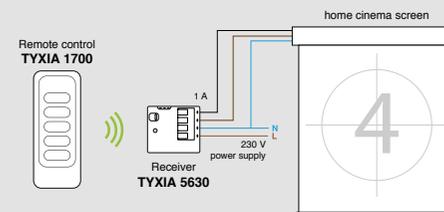


## Controlling a motorised roof window remotely



Qty.	Product	Ref.	Page
1	TYXIA 5630	6351401	160
1	TYXIA 2330	6351379	171

## Control the home cinema screen



Qty.	Product	Ref.	Page
1	TYXIA 5630	6351401	160
1	TYXIA 1700	6351403	169

PACKS

Tyxia

TYXIA 6410 CONNECTED PACK | Cod. 6351397

p.157

CONNECTED DEVICE CONTROL PACK

TYXIA 541 PACK | Cod. 6351409

p.158

ROLLER SHUTTER CENTRALISATION PACK

TYXIA 631 PACK | Cod. 6351415

p.159

PACK FOR CONTROL OF BLACKOUT BLIND, AWNING & INDOOR VENETIAN BLINDS

Connected device control pack



TYXIA 6410 CONNECTED PACK

NEW

#### FUNCTIONS

- Controls the activation/deactivation of a control system with a pulse contact such as a garage door or motorised gate, from a smartphone or a tablet.
- The TYDOM 1.0 via the TYDOM application enables the heating, roller shutters, lighting, alarm, etc. to be used in the same manner.
- The application can be personalised with a library of icons or with actual photos of the rooms



#### + USER

- Intuitive control thanks to the photo mode
- No more need for remote control, control and programme all your usages from your smartphone or tablet
- Programming everyday «moments» (alarm, leaving the house, etc.) with multiple uses (heating, lighting, roller shutters, control systems and scenarios)

#### + INSTALLER

- The TYXIA 6410 receiver is provided for external or internal use.
- 1 change-over pulse dry contact output 5 A max.
- Simple to install: TYDOM 1.0 IP gateway to connect directly to the router

#### TECHNICAL FEATURES

##### TYDOM 1.0 Connected home hub

- 1 power cord
- 1 RJ45 cable for connection to the router
- 230V power supply
- Control details page: 30
- Radio frequency: 868 MHz
- Radio range: up to 300 meters
- 14 languages available
- Dimensions: H 100 x L 100 x H 30 mm
- Application can be downloaded for Android 4.1 and IOS 7 and later versions

##### TYXIA 6410 receiver

- 1 control channel
- Protection index: IP44-IK04
- Tropicalised electronic card for outdoor installation
- Surface mounted
- Operating range: -5°C to +40°C
- Dimensions: H 120 x W 54 x D 25 mm (without antenna)

#### CONTENTS OF TYXIA 6410 CONNECTED PACK :

- 1 Connected home hub TYDOM 1.0 (p. 22)
- 1 Surface mounted continuous function or pulse receiver for outdoor use TYXIA 6410 (p. 165)

Name	Reference
TYXIA 6410 CONNECTED PACK	6351397

## Roller shutter centralisation pack



### TYXIA 541 PACK

NEW

#### FUNCTIONS

- Centralises the control of 5 roller shutters individually or by group



#### + USER

- One remote control to control the windows and doors for all the rooms in a home or professional premises
- Intuitive use of the LCD display and visual confirmation of the commands sent

#### + INSTALLER

- Compatible with all hard-wired roller shutter motors in a multi-brand installation
- Controls receivers separated by several rooms or floors thanks to the mesh network function

#### TECHNICAL FEATURES

##### TYXIA 1712 remote control

- CR2430 lithium battery power supply (included)
- Battery life: 10 years
- Supplied with a mount to place on furniture or attach to a wall
- Maximum number of receivers that can be associated in mesh network mode: 2 groups of 16 max.
- Dimensions: H 121 x W 46 x D 10.7 mm

##### TYXIA 5630 receiver

- 1 control channel for 1 shutter roller or blackout blind motor
- 230V power supply with live and neutral
- 3 wires supplied for connection to local roller shutter switch
- Shutter power: 1 A max. (or 30 Nm)
- Dimensions: H 41 x W 36 x D 14.5 mm

#### CONTENTS OF TYXIA 541 PACK :

- 1 Group remote control TYXIA 1712 (p. 169)
- 5 Roller shutter X3D receiver 1 A max. (30 Nm) TYXIA 5630 (p. 160)

Name	Reference
TYXIA 541 PACK	6351409

## Pack for control of blackout blind, awning & indoor venetian blinds

### TYXIA 631 PACK

NEW

#### FUNCTIONS

- Controls a blackout blind, awning or indoor venetian blind with raise/stop/lower functions from the TYXIA 1705 remote control
- Controls the angle of slat towards interior/exterior depending on type of blind
- Configuration of 2 favourite positions (heights and angles specified)
- The receiver adapts to different types of blind, thanks to mode selectors
- Connected to a wind sensor, the receiver automatically selects the position of the awning based on the strength of the wind



#### + USER

- Ability to configure 2 favourite positions
- Improved comfort, while avoiding risks of breaking with optional wind sensor
- Remote control of angle of slats using a remote control or the TYDOM application

#### + INSTALLER

- Controls all blackout blinds or shutters in a home, by adding receivers
- Allows the control of 230 V motors (electric motor consult us)
- Fast configuration

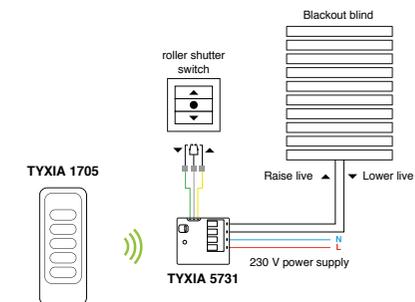
#### TECHNICAL FEATURES

##### TYXIA 5731

- Supply: 230 V
- 2 raise/lower powered contact connected outputs supplied for 80 Nm or 2 A max. motor
- Radio frequency 868 MHz
- Compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 14.5 mm

##### TYXIA 1705

- Power supply from supplied lithium battery: CR 2032
- Radio frequency 868 MHz
- Battery life: 10 years
- Dimensions: H 121 x W 46 x D 10.7 mm



#### CONTENTS OF TYXIA 631 PACK :

- 1 Room remote control for blind TYXIA 1705 (p. 168)
- 1 Receiver for controlling blackout blind, awning & indoor venetian blinds TYXIA 5731 (p. 162)

Name	Reference
TYXIA 5731	6351412
TYXIA 1705	6351405
TYXIA 631 PACK	6351415



## TYXIA 5630/5730

NEW

### FUNCTIONS

- Controls a roller shutter from one or more wireless mobile or fixed transmitters
- Controls either: a roller shutter motor, an awning, a motorised blackout blind, a home cinema projector screen or 12 V or 24 V motorised skylights (with 2 change-over current relays)
- Local control from a raise/stop/lower switch or from a raise/lower double push button
- Associated with a wireless smoke detector (DFR TYXAL+) for an automatic opening of blinds in the case of smoke

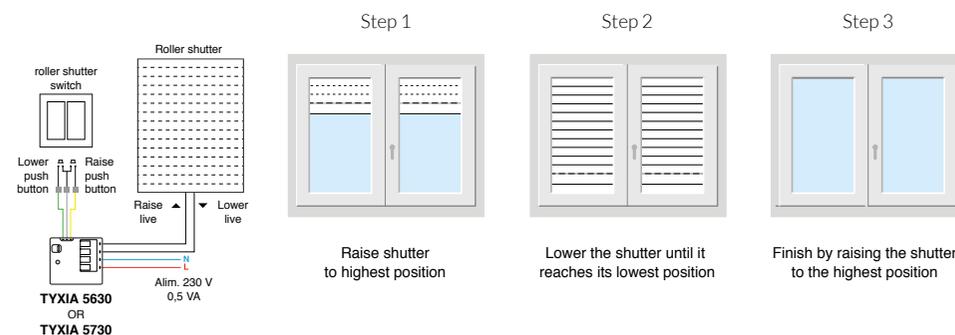


TYXIA 5630



TYXIA 5730

### Learning of travel time



### + USER

- 2 favourite roller shutter positions can be saved
- Feedback of the position of the roller shutter via a control panel or remotely
- Optimising the building's energy efficiency as no work is required for installation
- Very low energy consumption

### + INSTALLER

- Compatible with all hard-wired roller shutter motors in a multi-brand installations
- Automatically learns the duration of travel\*
- Small size to easily fit in flush mounted boxes
- Quick to connect thanks to its connectors without screws
- When hard wired, choice of command system: hold switch, double push button or single push button

### TECHNICAL FEATURES

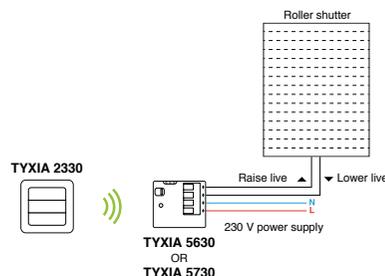
- 230V, 50Hz, 0.6 VA, 0.06W power supply with live and neutral
- 2 raise/lower powered contact outputs
- Radio frequency 868 MHz
- 1 control channel for 1 shutter roller motor with electronic or mechanical limit switches built into the motor
- Possible installation in a flush-mounting box behind a roller shutter switch
- 3 cables supplied for connection with the blind switch locally
- Local control wires can be extended up to 10 meters (cumulative length)
- Compatible with the mesh function
- Operating temperature: -10° to +40°C
- Up to 16 transmitters can be associated
- 2 Raise/Lower powered contact outputs for max 1A motor (or +/- 30Nm)
- Dimensions : H 41 x W 36 x D 14,5 mm

#### TYXIA 5630

- 2 Raise/Lower powered contact outputs for max 1 A motor (or +/- 30Nm)

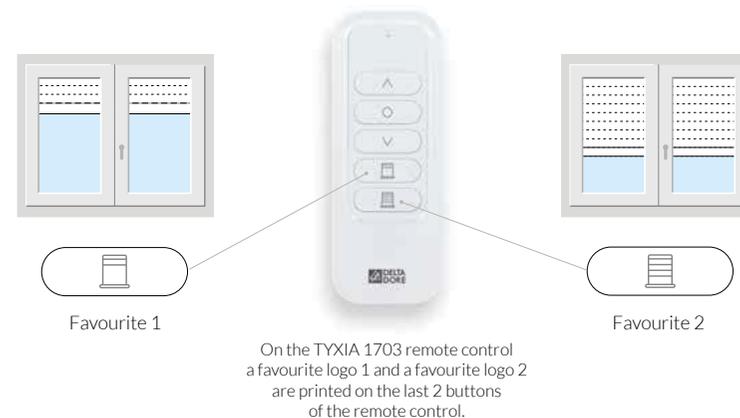
#### TYXIA 5730

- 2 Raise/Lower powered contact outputs for max 2 A motor (or +/- 80Nm)



### Favourite position functions

- Controls 2 intermediate positions for a roller shutter
- The positions can be different depending on the roller shutter or common to several roller shutters



Name	Reference
TYXIA 5630	6351401
TYXIA 5730	6351402

# Receiver for controlling blackout blind, awning & indoor venetian blinds

## TYXIA 5731

### FUNCTIONS

- Controls a blackout blind, awning or indoor venetian blind with raise/stop/lower functions from the TYXIA 1705 remote control
- Controls the angle of slat towards interior/exterior depending on type of blind
- The receiver adapts to different types of blind, thanks to mode selectors
- Connected to a wind sensor, the receiver automatically selects the position of the blind based on the strength of the wind



### + USER

- Improved comfort, while avoiding risks of breaking with optional wind sensor
- Remote control of angle of slats using a remote control or the TYDOM application

### + INSTALLER

- Controls all blackout blinds or shutters in a home, by adding receivers
- Allows the control of 230 V motors (electric motor consult us)
- Fast configuration

### TECHNICAL FEATURES

- Power supply: 230 V
- 2 raise/lower powered contact connected outputs supplied for 80 Nm or 2 A max. motor
- Radio frequency 868 MHz
- Compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 14.5 mm

Name	Reference
TYXIA 5731	6351412

# Wind Sensor

## CV

### FUNCTIONS

- Adjusts home's awning to suit wind levels
- In high winds (6 wind threshold settings):
  - canopy/parasol is automatically rolled up
  - Then:
    - Local or radio controls are deactivated for a few minutes
    - Works with the TYXIA 5731 receiver



### + USER

- Protects blinds from wind

### + INSTALLER

- Easy to install, no wiring
- Easy to define thresholds with Test button

### TECHNICAL FEATURES

- Radio frequency 868MHz
- Battery life: 10 years
- Protection index: IP x4
- Dimensions: H 260 x W 104 x D 130 mm
- Possibility of associating up to 9 TYXIA 5731 receivers

Name	Reference
CV	6351393

## SELV pulse function dry contact receiver



### TYXIA 4620

#### FUNCTIONS

- Controls the closing/opening of a control system with pulse contact such as garage door or motorised gate via one or more mobile or stationary wireless transmitters
- A new door bell button can be added at the entrance of the property on an existing hard-wired chime, with a TYXIA 2620 transmitter connected to a water-tight push button
- Push button controls can be added to a lighting system with remote switch



#### + USER

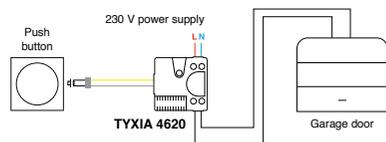
- Enables the replacement or addition of remote controls on an existing motor or electric lock
- Compatible with all garage door motor, gate or electric lock brands

#### + INSTALLER

- Recommended for controlling 12, 24 V DC or 230 V AC circuits
- Configurable SELV NO or NC output
- Small size for easy integration into the controlled product

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 SELV or 230V output control channel
- 230V power supply with live and neutral
- 2 pre-wired wires for connection with the local switch
- Possibility of extending the local control by 10 meters
- 1 floating pulse dry contact output
- Pulse duration 250 ms or 4 seconds
- Possibility of associating up to 16 transmitters
- Outdoor installation in an airtight box
- Interrupting capacity of the controlled circuit:
  - 230 V AC: 0.5 A max
  - 12 V DC (SELV): 1 A max
  - 24 V DC (SELV): 0.5 A max
- Operating temperature: -5° to 40°C
- Dimensions: H 45 x W 38 x D 23 mm
- Compatible with the mesh network function



Name	Reference
TYXIA 4620	6351104

## Surface mounted continuous function or pulse receiver for outdoor use



### TYXIA 6410

#### FUNCTIONS

- Controls the activation/deactivation of a control system with a pulse contact such as a garage door or motorised gate, from one or several wireless mobile or stationary transmitters
- In association with TYXAL+ alarm
  - Visual indication in the event that the sirens go off
  - Continuous or brief visual indication of the alarm system status



#### + USER

- Allows for the replacement or addition of remote controls on an existing motor or electric lock

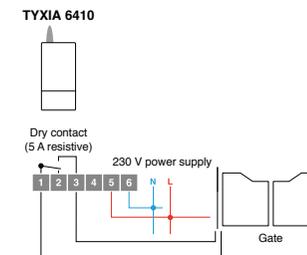
#### + INSTALLER

- For outdoor or indoor use
- Perfect for increasing the number of push button controls on a lighting system with remote switch

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1 control channel
- Degree of protection: IPX4-IPK04
- Tropicalised electronic card
- Surface mounted
- Operating range: -5° to +40°C
- Dimensions: H 120 x W 54 x D 25 mm (without antenna)
- 230V power supply with live and neutral
- 1 change-over continuous function or pulse dry contact output 5 A max.
- Pulse time selection 250 ms or 4 seconds
- Compatible with the mesh network function
- Contact output selection between NO or NC when idle
- Possibility of associating up to 16 transmitters
- Install in a watertight box if there is a risk of splashing

TYXIA 6410 with gate



Name	Reference
TYXIA 6410	6351180

# Multifunction 2 channel X3D battery transmitter

## TYXIA 2600

NEW

### FUNCTIONS

- Controls:
  - 1 or 2 channel On/Off control with single or double two-way switch
  - 1 or 2 channel lighting dimming control using single retractive or double retractive
  - 1 roller shutter channel with switch or push button
  - 1 or 2 scenario channels with on/off switch or retractive
- Example: general control of lighting, activation of an ambient scenario
- With the scenario feature, control groups of receivers in a defined position
  - On/Off mode for lighting receivers
  - Raise/Lower position for shutter receivers



### + USER

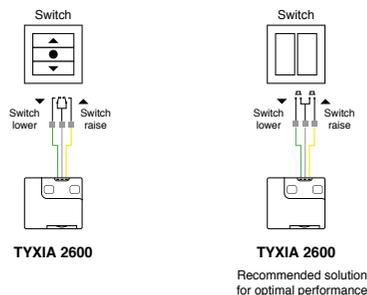
- Simple addition of a new switch, without any damage to the decoration
- Ideal for the activation of a scenario with a simple push button (cinema, dinner with friends, nightlight, etc.)
- User friendly thanks to its 8 year battery life

### + INSTALLER

- Installation without having to lay extra cables or create chasing
- Compatible with all types of standard appliances of all brands
- The only recommended SELV transmitters for electrical protection standards in bathrooms
- Multi-function transmitter: lighting, lighting dimmer, roller blind, control systems

### TECHNICAL FEATURES

- CR 2032 lithium battery power supply (included)
- 8-year battery life (5-year battery life for window and door configuration)
- Radio frequency 868 MHz
- 1 or 2 control channels depending on product
- Three pre-wired cables for connection to the switch with local switch, push button, Raise/Lower
- Unlimited number of associated receivers
- Not compatible with the mesh network function
- Dimensions: H 41 x W 36 x D 8 mm



Name	Reference
TYXIA 2600	6351399

# 230V transmitter Multifunction control



## TYXIA 2700

### FUNCTIONS

- Controls:
  - 2 lighting channels via a double switch or double push button
  - 1 lighting dimming channel via a double retractive
  - 2 scenario channels via double push button
  - 1 roller shutter channel via a shutter switch
- Hard-wired control input on live input from a detector (e.g.: modify a hard-wired outdoor motion into a wireless transmitter detector)
- With the scenario function, control of a group of receivers in a set position:
  - On/Off mode for lighting receivers
  - Raise/Lower position for shutter receivers



### + USER

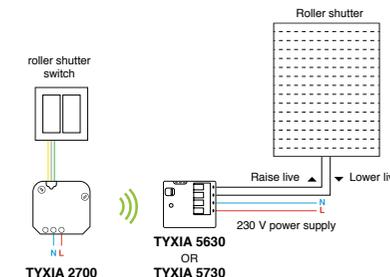
- Multifunction transmitter: lighting, light dimmer, roller shutters, control systems or scenarios
- The scenario function offers 2 ambiances in the home

### + INSTALLER

- Multi-function transmitter: lighting, lighting dimmer, roller blind, control systems
- Compatible with all types of standard appliances of all brands
- Creation of automation with phase input

### TECHNICAL FEATURES

- Radio frequency 868 MHz
- 1-2 control channels depending on the function
- 1 channel 1x16 receivers in mesh networking
- 2 channels: 2x16 receivers in mesh networking
- 3 pre-wired wires for the connection of local switches (push button, change-over or Raise/Stop/Lower switch)
- 1 hard-wired live input with detector or switch
- Unrestricted direct registration or 16 receivers in mesh network
- Operating temperature: -5° to 40°C
- Dimensions: H 50 x L 47 x D 23 mm
- 230V power supply with live and neutral
- Compatible with the mesh network function



Name	Reference
TYXIA 2700	6351096

# 1 channel remote controls for roller shutter or blind



## TYXIA 1703/1705

NEW

### FUNCTIONS

- Configuration of 2 favourite positions of roller shutters (heights specified)

#### TYXIA 1703

- Controls a shutter or a group of roller shutter, blinds

#### TYXIA 1705

- Controls a blackout blind, or a group of blackout blinds, venetian blinds



TYXIA 1703

TYXIA 1705

### + USER

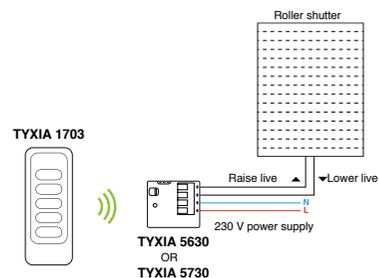
- Centralises blind control in a room (bedroom, living room, etc.)
- 2 favourite blind positions can be saved individually or for an entire group

### + INSTALLER

- The individual selection function enables the individual setting of blinds while leaving them activated

### TECHNICAL FEATURES

- CR 2430 lithium battery power supply (included)
- Radio frequency 868 MHz
- Battery life: 10 years
- Compatible with receivers of the TYXIA that are suited to their use
- Supplied with a mount to place on furniture or attach to a wall
- Not compatible with the mesh network function
- Dimensions: H 121 x W 46 x D 10.7 mm



Name	Reference
TYXIA 1703	6351404
TYXIA 1705	6351405

# Group remote controls



## TYXIA 1700/1712

NEW

### FUNCTIONS

#### TYXIA 1700

- Centralises control of 5 comfort devices: lighting On/Off or dimming mode, roller shutters, blackout blinds, motorised projector screen (e.g. home cinema), etc.

#### TYXIA 1712

- Controls lighting in On/Off mode and roller shutters in Raise/Stop/Lower position
- Centralises control of 16 On/Off lighting receivers and 16 configurable roller shutter receivers + 1 central control per group
- Feedback



TYXIA 1700

TYXIA 1712

### + USER

- Centralise the control of comfort devices in a room (bedroom, living room, etc.), or all the rooms in a home

### + INSTALLER

#### TYXIA 1712

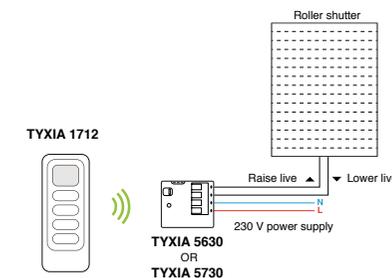
- Receivers installed in separate groups are controlled with the mesh network function

### TECHNICAL FEATURES

- CR 2430 lithium battery power supply (included)
- Radio frequency 868 MHz
- Battery life: 10 years
- Supplied with a mount to place on furniture or attach to a wall
- Dimensions: H 121 x W 46 x D 10.7 mm

#### TYXIA 1712

- Compatible with the mesh network function
- Number of receivers that can be connected to mesh network: 2 groups of 16 max.



Name	Reference
TYXIA 1700	6351403
TYXIA 1712	6351406

## Key ring remote controls



### TYXIA 1400/1410

#### FUNCTIONS

- Bidirectional remote control: visual feedback on the command sent

#### TYXIA 1400

- Controls 2 lighting channels in On/Off mode + dimming or 2 roller shutter channels in Raise/Lower mode

#### TYXIA 1410

- 4 channel control for control systems Opening/Closing for gate, garage door, electric lock, On/Off lighting, sprinkler pump, etc.



TYXIA 1400



TYXIA 1410

#### + USER

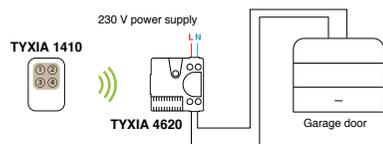
- Easy to carry around thanks to its pocket size and its key ring fastener
- Centralised control of outdoor control systems and lighting
- Impact resistant for daily use

#### + INSTALLER

- Unrestricted number of associated receivers

#### TECHNICAL FEATURES

- Lithium battery included: 3 V CR 2430
- Battery life: 10 years
- Radio bi-frequency: 868 MHz
- Radio range: 100 to 300 meters
- 1 to 4 control channels depending on the product
- Degree of protection: IP 32
- Dimensions: H 74 x W 37 x D 14 mm
- Weight (with batteries): 25 g
- Delivered with a key ring
- Unrestricted number of associated receivers
- Compatible with the mesh network function



Name	Reference
TYXIA 1400	6351388
TYXIA 1410	6351389

## Transmitter switches



### TYXIA 2310/2330

#### FUNCTIONS

#### TYXIA 2310

- 3-in-1 lighting switch
- Controls 1 or 2 lighting or control system channels in On/Off mode
- Controls 2 scenario channels (On/Off for lighting receivers or On/Off and dimming for lighting dimmer receivers)
- Controls 1 light dimming channel

#### TYXIA 2330

- Controls one roller shutter channel in Raise/Stop/Lower position
- Visual confirmation that the command has been sent
- Enables the adjustment of the roller shutter stops
- Feedback



TYXIA 2310



TYXIA 2330

#### + USER

- Outstanding battery life: 10 years
- Wall-mounted switches that can be mounted or affixed to any surface: wall, furniture, glass, ceramic, wood, etc.

#### + INSTALLER

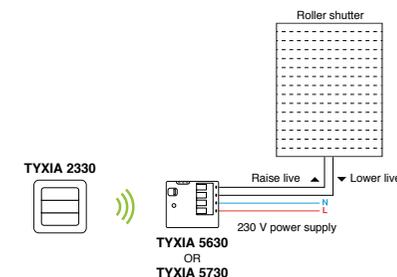
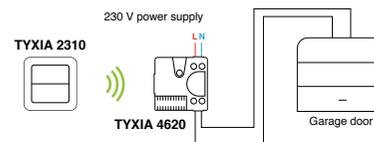
- Easy and quick installation, without any specific work required
- Perfect for creating a two way switch without an existing switch
- The only recommended SELV switch for electrical protection standards in bathrooms

#### TECHNICAL FEATURES

- Radio frequency 868 MHz
- CR 2430 lithium battery power supply (included)
- Battery life 10 years
- Dimensions: H 80 x W 80 x D 11 mm
- Degree of protection: IP 40- IK04

#### TYXIA 2330

- Compatible with the mesh network function
- Up to 16 associated receivers max. in mesh network



Name	Reference
TYXIA 2310	6351380
TYXIA 2330	6351379

# Tymooov

New range of  
variable-speed  
tubular motors

&

the new remotes



SILENT

Slow starting and approach



REASSURING

Integral element of a Tyxal+  
alarm system: intrusion  
protection or fire start



ECONOMIC

50% gain in energy  
consumption compared  
to a conventional motor



CONNECTED

Fits perfectly in the connected  
home by Delta Dore,  
because of its compatibility  
with Tydom



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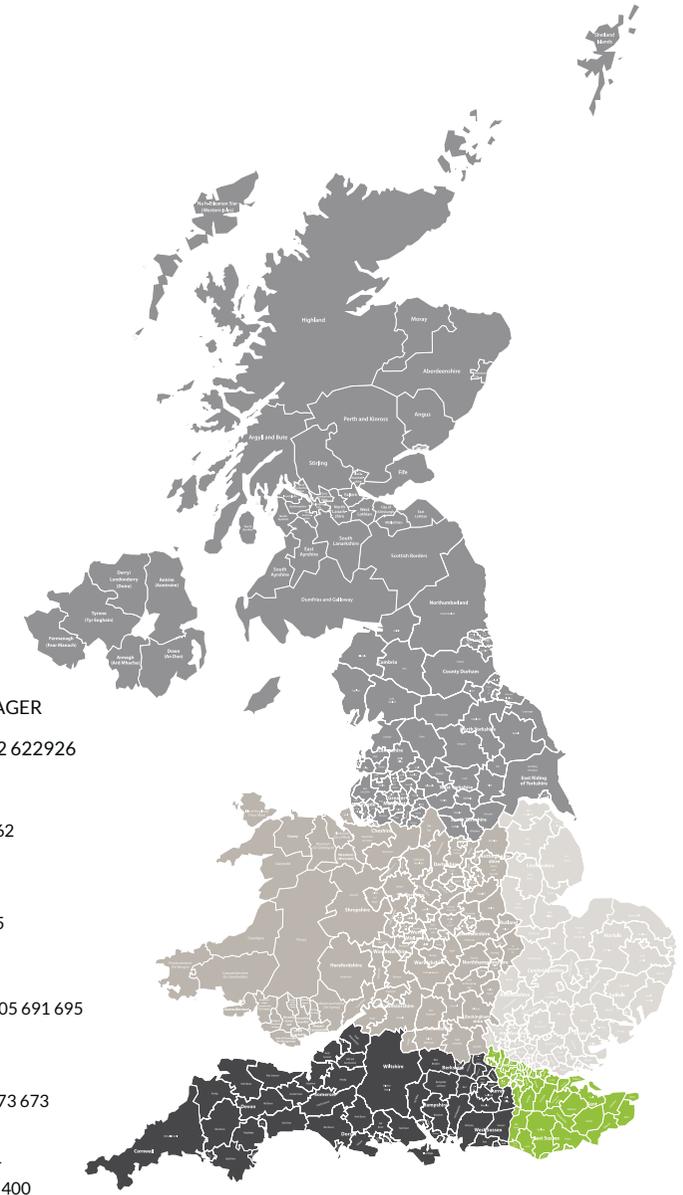
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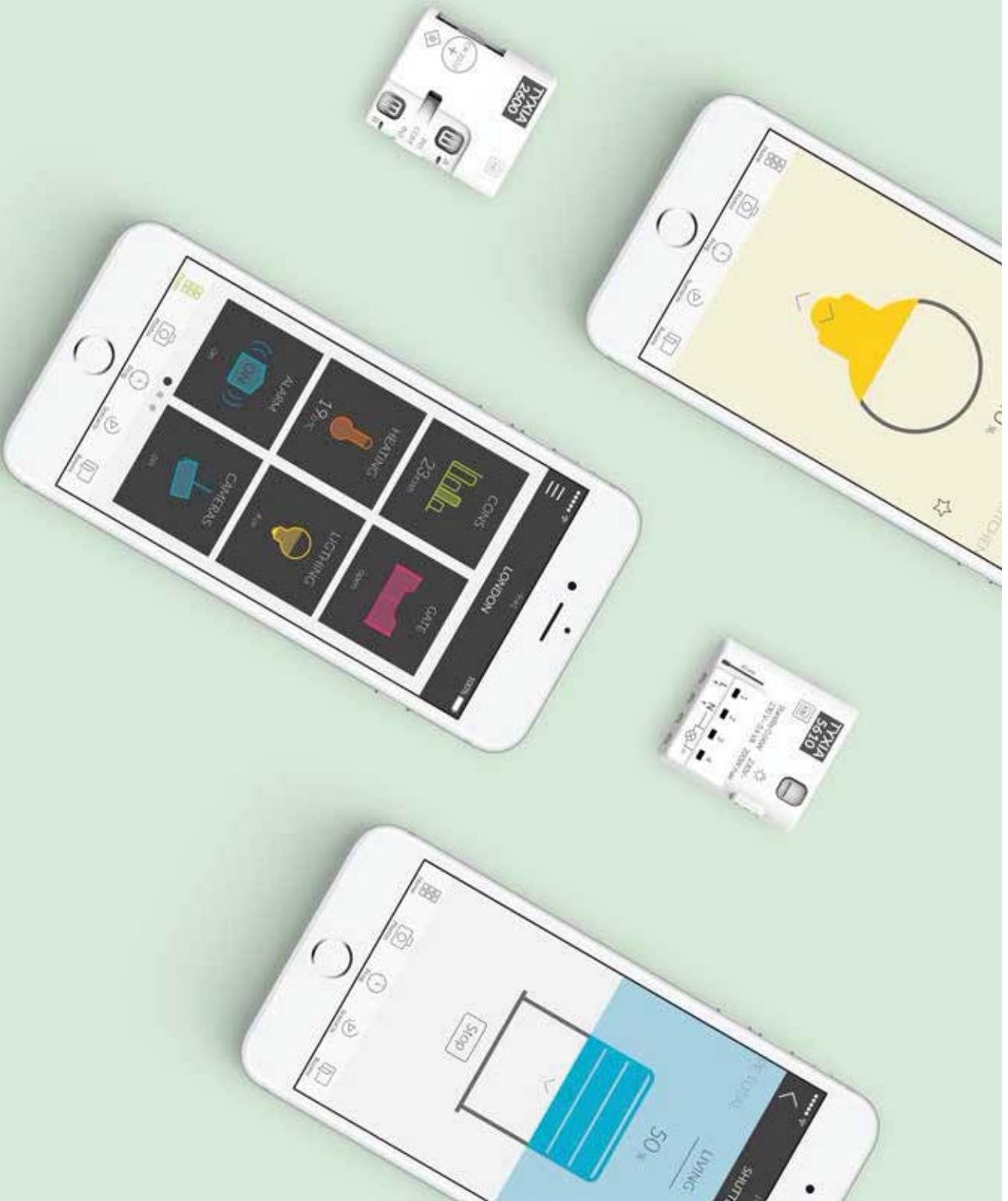
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# MINI MODULES

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