coviva
The smart home at your fingertips

Wireless retrofit technology made easy

:hager

Come and join us in the wireless revolution

If you're considering retrofitting, modernizing or upgrading a house, you're probably tempted by the benefits of a smart home. But the cost and time of hard-wiring systems may make you think twice.

Fortunately, there's a simple solution. With coviva, you can transform existing electrical installations into a smart home without any construction work or cable routing.

Simply combine coviva's micromodules with a smartbox and the coviva app to create a smart home that's easy to install, monitor and control.

Micromodules:
the foundation of home automation

When it comes to home retrofitting, less is more.
Less cabling through the walls and less rebuilding work means more convenience for you. And it's all possible thanks to coviva micromodules.

Micromodules are the first step towards a smart home.
Once installed behind existing switches or connection boxes, they communicate wirelessly to automate multiple functions throughout the home, including lights and blinds.

Quick installation. Easy implementation

Once the micromodules are connected, they're ready to go.
In an instant, they can control dimming settings, on/off switches and raise/lower functions.*

Universal controls

Each micromodule can be linked to a button, which is fast and easy to program.

Superior wireless reach

The micromodules are designed to deliver exceptional wireless reach. Indoors, they can cross through 2 concrete slabs and still transmit up to 30 meters. Outdoors, their range extends as far as 100 meters in an open field.

* Fully compatible with South African flush wall boxes.

Functions

Switch on / off

Dimming

Raise / lower

Timing

Control

Lights

Blinds or motorized curtains

Program

Scenarios

to manage a combination of different functions. For example, a "leave the house" scenario could be programed to simultaneously close the shutters and switch off the lights.

Group controls

to manage several applications of the same function. For example, switching off all the lights at once.

And also

Ceiling fans

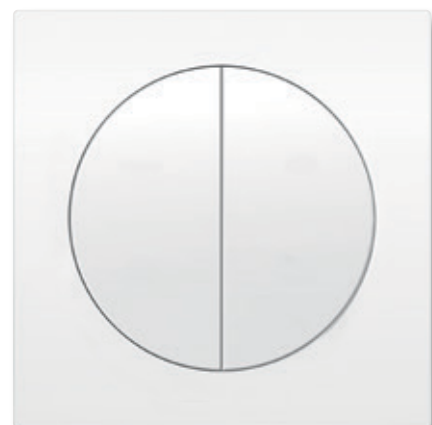**Garage doors**

Gates

Automatic sprinkler

Air conditioning*

Expansion

Berker quicklink electronic switches

Want to automate a home with brand new switches? With our Berker quicklink electronic range, you'll benefit from cutting-edge technology and timeless design. And thanks to the KNX wireless standard, you'll have built-in flexibility.

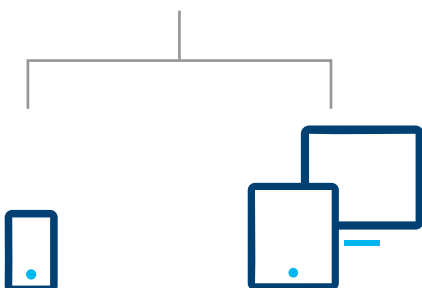*switch on / off function available complied with the micromodule TRM694G

coviva
explore our complete solution for the smart home

Nowadays, houses are called smart for a reason:
they increase your convenience, comfort, and time saving
through automated functions that can be controlled on-the-go.

By combining micromodules with the coviva smartbox and
coviva app, your house goes beyond automation to become
a fully-fledged smart home.

01

Micromodules or Berker quicklink electronic switches

It thanks to these devices that functions such as lighting and blinds can be automated and controlled.

02

coviva smartbox

The coviva smartbox is responsible for centralizing the different automated functions, offering you a central hub where everything can be controlled.

03

coviva app

Using the app, you can access all data from the smartbox on any mobile device – allowing you to manage your smart home on the go. And by creating "covigrams", you can pre-program the app to control multiple functions simultaneously.

Smartphone   **Tablet and computer**

coviva is open to new ideas

With coviva, you can connect to a whole range of devices! As well as the micromodules, coviva is a hub for managing heating systems, the Sepio security system, and other connected objects such as the Netatmo Weather Station®.

Thanks to its modular design, new components can be added seamlessly to suit your changing needs.

Sepio Alarm System

Unique on the market thanks to its voice-assisted installation and operation, sepio alarm system is easy to install and provides serenity to you

Heating System

Control works for electric or hot-water radiators. With coviva, you can control heating locally and remotely, and manage the temperature by radiator or by room.

Wireless micromodules

Our micromodules transform existing electrical installations into an automated home without any construction work.

Connected objects (IoT)

Such as Netatmo Weather Station®

Android or Apple
On smartphone, tablet or computer – the coviva app is available for all mobile devices using Android or Apple operating systems.

coviva
For smart homes that are fast, easy and safe to monitor and control.

Take your smart home with you, wherever you go

With the coviva app, you can control your lights, blinds and other home systems anywhere, any time. Plus, you can create your own personalized scenarios and rules to perfectly suit your needs.

covigrams in harmony with your lifestyle

Want to unwind after a long day? Programme a covigram scenario to turn up the heating, dimm down the lights and close the blinds before you get home.

Morning jog? Not if it's raining!

The coviva smartbox interacts with connected objects such as the Netatmo Weather Station® to make your life more comfortable. For example, why not create a covigram that wakes you up for a jog by gradually turning on the lights and raising the blinds – but only if it's dry outside?

Complete data security

All data is stored on the local smartbox and can only be accessed by users. Remote access is possible through an encrypted service. Electricians and administrators require a personalised MyHager account to access any features directly.

A day in life
with coviva

Experience the benefits of a smart home that's connected to your needs every moment of the day.

7.00 am
Good morning !

9.00 am
Leaving for work ?
Stay in control and
save energy

2.00 pm
Check your home

Use the sun as your alarm clock
Wake up gently in the morning by programming your blinds to open at a specific time.

Get going gradually
Program your lights to follow you on your morning routine: from the bedroom, through the hall and into the kitchen.

Step into a warm bathroom
Configure the bathroom heating to be at just the right temperature when you enter.

Windows open, heat down
With coviva you can control your heating functions on the go – for the entire home or individual rooms. And our smart heating actuators help you make energy savings by automatically turning down the heating if they detect an open window.

Perfect protection from break-ins
You can program coviva functions to simulate movements to make it look like you are home – a very effective measure to deter buglars, according to authorities.

Early warning
If the smoke detector goes off, coviva will automatically open the blinds, turn on the lights and send a notification to your mobile.

5.00 pm
Ready for a cozy evening

11.00 pm
It's bedtime

Just the right temperature...
Use the coviva app to set the heating to just the right temperature when you arrive.

...And the right lighting...
Adjust your blinds on the way home

... To unwind in the evening
Fancy an evening in front of the TV?
Lying down with a good book?
An evening with friends? Or some cooking? Whatever your mood, you can create the right atmosphere with coviva.

One click in the coviva app:
With just one touch of the coviva app, you can activate the sepio alarm system, switch off the lights, and lower the blinds. Sweet dreams!

Fancy testing coviva?
Just follow these steps:

1. Open this link in your browser:
https://www.hager.com/coviva-experience

2. Use your smartphone to scan the QR code below

3. Control the virtual smart home from your phone

Easy to use.
Simple to install.

Nowadays, we all want our needs answered instantly. That's why coviva has been designed to be easy to use and fast to install.
Just follow a few simple steps to install the quicklink micromodules.
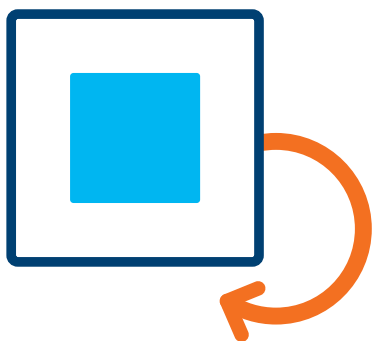
01

Remove existing switches
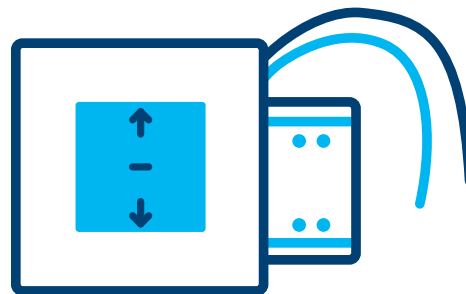
02

Install wireless micromodules

Simply fit Hager's compact wireless flush-mounted micromodules to the back of your existing switches.
For dimming functions and blinds, conventional switches should be replaced with push buttons.
And if you'd like to change your switches, why not try our Berker quicklink electronic range?

quicklink

03

Push button activation

All quicklink wireless micromodules can be configured at the touch of a button. No tools are required. Each transmitter has a configuration button (cfg) and each receiver has a configuration and a function button (cfg + fct). All functions are indicated with coloured status LEDs and are confirmed by pressing the function button.
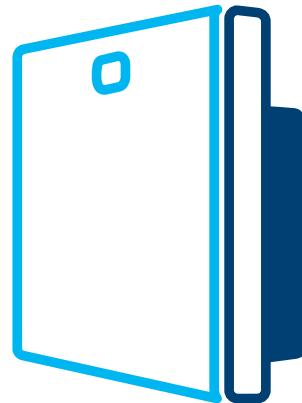
04

Connect the coviva smartbox

You'll find detailed information on configuring the coviva smartbox on the next page.

Smart configuration.
Connect. Register.
Done!

Thanks to our quicklink wireless solution, coviva can be installed without any of the routing required by a hard-wired solution. And configuring the coviva smartbox couldn't be easier.
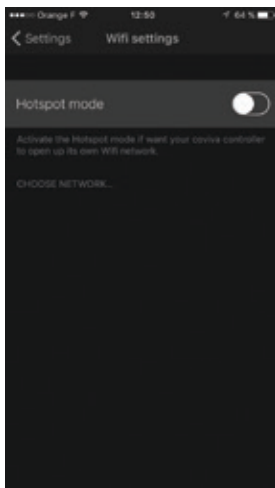
01

Connect to the router

Connect the coviva smartbox to the Internet router with a cable or by using the coviva USB stick.
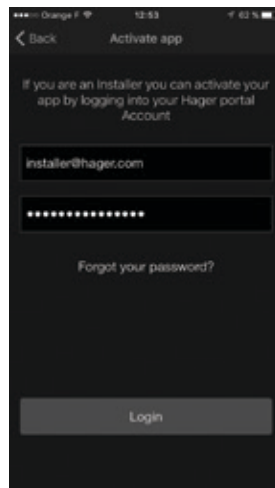
02

Activate the smartbox

Register at africa.hager.com to create a MyHager account and activate your coviva smartbox.
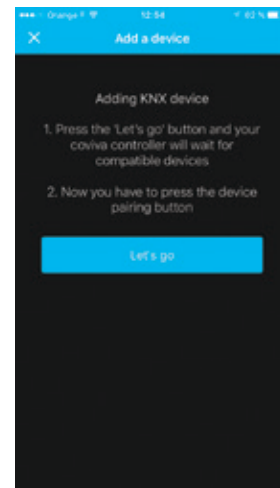
03

Link the devices

Register your wireless receivers on the coviva smartbox.
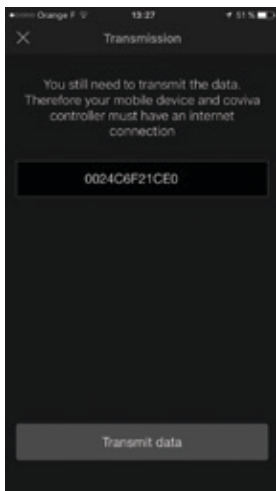
04

Transfer to the customer

Transfer the configured system to your customer with a simple touch of a button.
Your customer will then receive an e-mail notification.

Good to know

If necessary, your customers can grant you access to their smartbox any time in the future. That way, you can register new devices or expand their smart home.
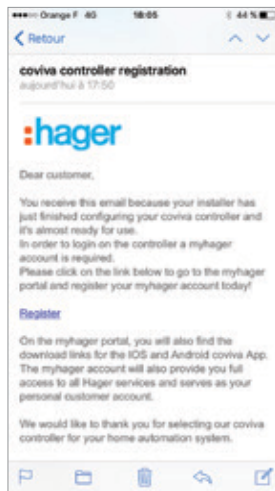
05

Customer activates their account

Your customer will use a link in the email to register at MyHager and activate the box in their name.
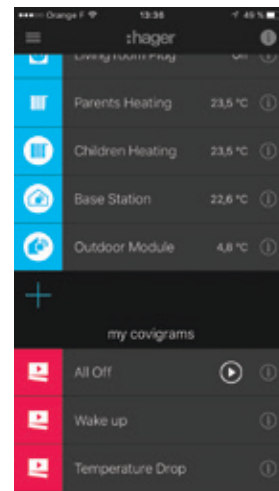
06

Control via app

All functions will be displayed on the coviva app - and can now be controlled from any device.

Update as desired with KNX standard.

Some providers of smart home solutions use closed proprietary systems. Hager uses the internationally-recognized KNX standard, which is compatible with more than 300 brands. Which means you can guarantee your customers a high-quality system well into the future.

quicklink
The perfect retrofit solution, quicklink is our wireless alternative to Intelligent Building System technologies. There's no need to lay costly control lines. And, with no programming tools required, system launch couldn't be easier.

easy
Designed for new constructions and extensive renovations, easy offers a simple solution for configuring a KNX system quickly and intuitively. All you need is an easy configuration server, a tablet and the easy app. And if you want to expand your easy configuration in the future, just add a quicklink wireless solution.

KNX ETS
ETS is the standard software used in building automation. The bus system, its actuators and its sensors are used for a wide range of applications – to control lights and blinds, regulate the temperature in individual rooms and much more.

Hager offers a complete
range of KNX systems
and a variety of applications

system (ETS)
High-end solutions for residential, commercial and administrative buildings

easy
Complete home solutions

quicklink wireless module
For individual rooms and retrofitting

quicklink

easy

system

Technical information.
FAQ.

To help you with your decision we have answered some of the most frequently asked questions about coviva.

What are the minimum requirements for coviva?

To use coviva in your home, you need a compatible smartphone or tablet (Apple iOS version 8 or later, Android version 4 or later), a stable Internet connection and a free LAN port on your Internet router.

What is coviva's wireless range?

The wireless reach is around 30 metres indoors or 100 metres outdoors for a standard home. This may vary depending on local conditions. Please make sure you place your coviva smartbox in the most central location in your home. If you find that structural features are causing problems with the wireless connections, mains-supplied quicklink repeaters can boost the signal.

How does coviva protect your data?

Your personal data is stored on the coviva smartbox. Your data is encrypted when you send commands outside of your WLAN via smartphone or if you access support services. In both cases, your permission will be requested.

Can I use coviva offline?

You can use the system on a private WLAN without an Internet connection as long as you are inside the house. During the installation of your coviva smartbox, the electrician only needs an Internet connection when registering the device.

Are the wireless signals dangerous?

No. Firstly, the devices only transmit when performing actions, e.g. turning on lights or closing blinds. Secondly, our components only transmit at approximately 10mW. By comparison, a mobile phone with poor reception typically transmits at 2W, i.e.: 200 times more.

What are covigrams?

Covigrams enable you to control multiple smart home devices simultaneously. You can use the coviva app to create new scenarios whenever you like and customize a whole series of devices to suit your needs at the touch of a screen.

coviva smartbox

Operating voltage:	5 V=
Power consumption:	< 3 W
Transmission frequency:	868…870/433…434 MHz
Receiver category:	2
Transmitter duty cycle:	0.1…10%
Wireless range (open air):	300 m
Network connection --> LAN:	at least Cat. 5e-shielded
Network connection WLAN (optional):	802.11 b/g/n
USB port (only suitable for TKH180):	5 V=/250 mA
	in each case
Protection class, protection type:	II, IP30/IK04
Operating temp. / storage temp.:	0…40 °C / -25...70 °C
Relative humidity without condensation:	93% at 40 °C
Dimensions (W x H x D):	178.5 x 156 x 48.4 mm

Delivery scope:
- coviva smartbox, adapter plate for optional wall mounting, RJ45 connection cable Cat.5e, power supply unit 230 V AC/5 V DC
- for visualising and controlling quicklink installations via an app.
- for Apple and Android smartphones
- coviva smartbox can only be commissioned with a myHager account as a registered electrician
- with 3 LEDs on the rear side (operation, WLAN and online) and one status RGB LED in the upper recess

Design	Order no.	PU
coviva smartbox	**TKP100A**	1

USB stick for coviva

Operating voltage:	5 V=
Current consumption:	max. 250 mA

- USB stick can be inserted to the side or rear of the coviva smartbox, depending on the installation
- WLAN connection of the coviva smartbox is only possible with the USB stick TKH180

Design	Order no.	PU
WIFI USB stick for coviva smartbox	**TKH180**	1

Robust and reliable, Hager's micromodules are compatible with all devices on the market. They enable lighting and powered opening/closing systems to be controlled remotely with the addition of wireless control points, so there will be no works or damage to your interior decoration.

((RF))

2 YEAR Guarantee

Linked to coviva, TRM702A they ensure remote and local control by smartphone or tablet. **quick**link designates the set-up mode without any tools by using the buttons found on the products.

:hager

Lighting functions
- On/Off (switch)
- On
- Off
- On/Off (switch)
- On/Off dimming
- ON dimming '+'
– OFF, dimming '-'
- Timer
- Scene setting

quicklink

TRM693G
This module is particularly appropriate for any type of lighting control, including CFL and LED.

Rolling shutter functions
- Raise
- Lower
- Scene setting
- Raise / lower (switch)
- Force raise
- Force lower

- Repetition

Automatic recognition of the type of command
(switch or push button) Paired On/Off switch inputs benefit from this function.

Repeater function
All products powered by mains are repetears, boosting the signal.

Micromodule 2 battery inputs
- lithium battery powered CR 2430 3 V
- LED powered
- dimensions (H × L × D): 41 × 39.5 × 11 mm

2 inputs for potential-free contacts
All types of command

- raise / lower
- start / stop
- scene setting
- etc.

Design	Order no.	PU
light grey	**TRM702A**	1

Micromodules for controlling lighting
On / Off ☼
without neutral (2 wires)
- dimensions (H × L × D): 40 × 40 × 18 mm

1 × 200 W 230 V output without neutral (incandescent, halogen BT, halogen TBT, dimmable LED) and 2 inputs for potential-free contacts

Design	Order no.	PU
light grey	**TRM690G**	1

On / Off dimming
without neutral (2 wires)
- dimensions (H × L × D): 40 × 40 × 18 mm

1 × 200 W output without neutral (incandescent, halogen BT, halogen TBT, dimmable LED) and 2 inputs for potential-free contacts

Design	Order no.	PU
light grey	**TRM691E**	1

On / Off ☼
with neutral (3 wires)
- dimensions (H × L × D): 40 × 40 × 20 mm

1 × 3 A 230 V output with neutral with zero crossing switch, 2 inputs for potential-free contacts. Suitable for all kinds of lamps.

Design	Order no.	PU
light grey	**TRM693G**	1

Micromodule for controlling rolling shutters / awnings rolling shutters 4 wires
(↑, ↓, Ph, N)
- dimensions (H × L × D): 40 × 40 × 18 mm

1 × 3 A 230 V output for 1 230 V motor
2 inputs for potential-free contacts
TRM692G inputs are pre-configured ↑ / ↓
for switches to be linked

Design	Order no.	PU
light grey	**TRM692G**	1

Micromodule multifunction
for controlling:
- garage doors, gates
- automatic pulse control
- door release
- SELV output
- dimensions (H × L × D): 40 × 40 × 20 mm

1 × 4 A potential-free output
2 inputs for potential-free contacts

Design	Order no.	PU
light grey	**TRM694G**	1

Wireless transmitters enable control points to be easily added increased without any wiring or creating any mess. The TU444 remote control enables a Tebis and/or wireless/mixed system to be controlled.

((RF))   2 YEAR Guarantee

quicklink designates the configuration mode without any tools by using the buttons on the products.

Characteristics:
unidirectional transmitters in use and bidirectional in configuration
- frequency: 868.3 MHz wireless KNX
- low battery indication
- average battery lifetime: 5 years
- range: 100 m minimum in open field and through 2 concrete slabs

Take care with unused inputs; do not cut the wires and do not remove the insulation sleeves.

* according to the installation/assembly conditions

Micromodule for remote controlled switches and timers
Enables a wireless control point to be added to an existing remote controlled or timer switch circuit.
- dimensions (H × L × D): 40 × 40 × 18 mm

Generates a pulse contact lasting 200 minutes
Connects behind a push-button in the existing circuit.

Design	Order no.	PU
white	**TRM600**	1

Remote controls wireless KNX
1equipped with CR 2430
- 3 V battery

Design	Order no.	PU
2 buttons	**TU402**	1
4 buttons	**TU444**	1
6 buttons	**TU406**	1
6 buttons - 18 channels	**TU418**	1

Wireless magnetic opening contact sensor
- 2 × LR03 batteries supplied

Design	Order no.	PU
white	**TRC301B**	1

Wireless magnetic opening contact sensor
To be connected with TRC301B NC contact (magnetic)

Design	Order no.	PU
surface-mounted terminal block - white	**D8924**	1
universally protected - 1 m cable - white	**D8931**	1

Wireless light sensor with suction
For controlling shutters (sun protection, light-sensitive switch function)
- suction cell

- fibre-optic
- 1.5 m cable

Design	Order no.	PU
white	**TRC321B**	1

:hager

KNX wireless wall-transmitter 1 or 2 gang flat quicklink
For wireless remote control of all assigned KNX wireless receivers.

Operating voltage	3 V=
Battery service life	≈ 5 years
Wireless transmission frequency	868.3 MHz
Wireless protocol Transmitter duty	KNX Wireless
cycle Receiver category	1 %
Number channels Number	2 - 4
quicklink links Wireless transmission	20
power Wireless transmission range	10 mW
(free field)	max. 100 m
Wireless transmission range	
Operating temperature Assembling	-5 ... +45 °C
height	14 mm

KNX Functions available

- reset functions
- Functions : Swithching , Dimming , Blinds, 2 scenes, Time switching, NO contact push button
- Integration in KNX wireless/TP gateway ,
- surface mounted
- ETS additional functions
- With led configuration
- with push button configuration
- tooless configuration
- delivered with battery 3V type CR 2430

KNX wireless wall transmitter 1 gang flat solar quicklink

Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8565 51 82**	1
polar white glossy	**8565 51 89**	1
polar white matt	**8565 51 88**	1
anthracite matt	**8565 51 85**	1
aluminium, matt, lacquered	**8565 51 83**	1

Berker R.1/R.3

Design	Order no.	PU
polar white glossy	**8565 51 39**	1
Black glossy	**8565 51 31**	1

KNX wireless wall transmitter 2 gang solar quicklink

Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8565 61 82**	1
polar white glossy	**8565 61 89**	1
polar white matt	**8565 61 88**	1
anthracite matt	**8565 61 85**	1
aluminium, matt, lacquered	**8565 61 83**	1

Berker R.1/R.3

Design	Order no.	PU
polar white glossy	**8565 61 39**	1
Black glossy	**8565 61 31**	1

Wireless wall sensor

Can be affixed in an area 'sans secteur' and controlled by a 230 V wireless receptor with resistive 10 A dry contact.

Characteristics:
- available in battery or solar version
- detection angle: 220°
- IP55 / IK04
- unidirectional transmitters in use and bidirectional in configuration
- frequency: 868.3 MHz wireless KNX
- range: 100 m in open field
- equipped with 3 × 1.5 V batteries

Wireless KNX receivers act as power interfaces for controlling electronic receivers.

Characteristics:
- bi-directional receivers
- frequency: 868.3 MHz wireless KNX

Lighting functions:
- ON/OFF (switch)
- ON
- OFF
- ON/OFF (switch)
- timer
- forced mode ON
- forced mode OFF

Rolling shutter functions:
- raise
- lower
- scene setting
- raise / lower (switch)
- force raise
- force lower

Wireless wallmounted KNX infra-red movement sensors

battery transmitter pack + 1 10 A contact receiver

Design	Order no.	PU
white	**TRE700**	1

battery transmitter

Design	Order no.	PU
white	**TRE500**	1
anthracite	**TRE501**	1

solar transmitter

Design	Order no.	PU
white	**TRE510**	1
anthracite	**TRE511**	1

Wireless KNX IP55 switches

Possibility of connecting disconnected potential-free contacts

Design	Order no.	PU
1 button 1 input	**TRE301**	1
2 buttons 2 inputs	**TRE302**	1

ON/OFF receiver, to be flush-mounted, wireless KNX

- 1 ON/OFF output 16 A / 230 V AC1

Design	Order no.	PU
light grey	**TRB201**	1

LED projector with movement sensor

60 W LED lamp (300 W halogen equivalent)   ≤ 5700 K
- 220 / 360° detection angle   - 3400 lumen
- energy class A

Design	Order no.	PU
white	**TRE600**	1

ON/OFF wireless KNX projected IP55 receivers

Dimensions 150 × 85 × 35 mm

Design	Order no.	PU
1 × 10 A / 230 V AC1 output (potential-free)	**TRE201**	1
2 × 10 A / 230 V AC1 outputs (potential-free)	**TRE202**	1

IP55 wireless projected KNX rolling shutter/blind receiver

Dimensions 150 × 85 × 35 mm   4 wires (↑, ↓, Ph, N)
- 1 output voltage / blind raising / lowering   10 A / 230 V AC1

Design	Order no.	PU
white	**TRE221**	1

1 input + 1 output IP55 projected wireless KNX receiver

- 1 input 1 potential-free contact   - 1 × 10 A / 230 V AC1 output (potential-free)

Design	Order no.	PU
white	**TRE400**	1

KNX wireless System Platform

Hager KNX wireless is a very versatile system. This is because its electronic platform masters both conventional applications and wireless solutions, in a very simple way. As it is a bidirectional wireless system, even existing KNX systemscan be extended simply. Also, it is just as easy to install and assign functions and components via quicklink.

Common features

230 V, 50/60 Hz, +10/-15 % Low power consumption:
< 0.1 W or < 0.3 W
New PEIS AM/PM interface : better isolation and guiding
SW and HW coding PM/AM recognition
Claws (isolated) with larger opening Anti-theft-solution for all AMs (not for Berker R.x)
Screw terminals with harder screws
Uniform, high-value metal ring Mostly slim models (22 mm)

KNX wireless Dimmer

Replace the switch, insert the dimmer: Never before has it been this easy to combine increased lighting comfort with low energy consumption. As the first dimmer of its kind, the KNX wireless universal touch dimmer can control almost all dimmable light sources, from LED and energy-saving lamps through incandescent lamps through to halogen lighting, both reliably and without flickering.

Relay insert

230 V retrofit LED lamps	440W	- parallel compensated	1000W
Dimmable energy saving lamps	440W	- in Duo circuit	1000W
Fluorescent lamps:		- with electronical ballast (EB)	1000W
- uncompensated	1100 VA		

Design	Order no.	PU
light grey	**8512 12 00**	1

Switch insert 1 gang

230 V incandescent lamps and halogen lamps	25..400W	Dimmable conventional trans formers	25..400VA
Dimmable 230 V retrofit LED lamps	5..70W	Electronic transformers and dual mode transformers	25..400W
Dimmable energy saving lamps	13..80W		

Design	Order no.	PU
light grey	**8512 11 00**	1

Switch insert 2 gang

230 V incandescent lamps and halogen lamps	35..300W	Dimmable conventional trans formers	35..300VA
Dimmable 230 V retrofit LED lamps	12..54W	Electronic transformers and dualmode transformers	35..300W
Dimmable energysaving lamps	15..54W		

Design	Order no.	PU
light grey	**8512 22 00**	1

Touch dimmer (R, L)

230 V incandescent lamps and halogen lamps	25..400W	Number of universal capacity enhancers	max.2
Dimmable conventional trans formers	35..300VA		

Design	Order no.	PU
light grey	**8542 11 00**	1

Universal touch dimmer 1 gang

230 V incandescent lamps and halogen lamps	25..400W	Dimmable conventional trans formers	25..400VA
Dimmable 230 V retrofit LED lamps	5..70W	Electronic transformers and dual mode transformers	25..400W
Dimmable energy saving lamps	13..80W		

Design	Order no.	PU
light grey	**8542 12 00**	1

Universal touch dimmer 2 gang

230 V incandescent lamps and halogen lamps	35..300W	Dimmable conventional trans formers	35..300VA
Dimmable 230 V retrofit LED lamps	12..40W	Electronic transformers and dualmode transformers	35..300W
Dimmable energysaving lamps	15..54W		

Design	Order no.	PU
light grey	**8542 12 00**	1

Characteristics:

Wireless transmission/reception frequency	868.3MHz
Wireless protocol:	KNX protocol
Wireless transmission range (free field)	1 00 m
Wireless transmission range (building)	30 m
Operating temperature	-5 ... +45 Celcius degree.

Quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact pushbutton, memory

Wireless button 1 gang quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8514 51 82**	1
polar white glossy	**8514 51 89**	1
polar white matt	**8514 51 88**	1
anthracite matt	**8514 51 85**	1
aluminium, matt, lacquered	**8514 51 83**	1

Berker R.1/R.3

Suitable for	Order no.	Page
Relay insert	8512 12 00	27
Switch insert 1gang	8512 11 00	27
Touch dimmer (R, L)	8542 11 00	27
Universal touch dimmer 1gang	8512 12 00	27
Mains insert for KNX radio application module	8502 01 00	-

Design	Order no.	PU
polar white glossy	**8514 51 39**	1
Black glossy	**8514 51 31**	1

Wireless button 2 gang quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8514 61 82**	1
polar white glossy	**8514 61 89**	1
polar white matt	**8514 61 88**	1
anthracite matt	**8514 61 85**	1
aluminium, matt, lacquered	**8514 61 83**	1

Berker R.1/R.3

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	27
Universal touch dimmer 2gang	8542 21 00	27
Mains insert for KNX radio application module	8502 01 00	-

Design	Order no.	PU
polar white glossy	**8514 61 39**	1
Black glossy	**8514 61 31**	1

Wireless button 4 gang quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8564 81 82**	1
polar white glossy	**8564 81 89**	1
polar white matt	**8564 81 88**	1
anthracite matt	**8564 81 85**	1
aluminium, matt, lacquered	**8564 81 83**	1

Berker R.1/R.3

Design	Order no.	PU
polar white glossy	**8514 61 39**	1
Black glossy	**8514 61 31**	1

Suitable for	Order no.	Page
Switch insert		27
Dimmer insert		27
Mains insert for KNX radio application module	8502 01 00	-

KNX wireless timer quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8574 52 82**	1
polar white glossy	**8574 52 89**	1
polar white matt	**8574 52 88**	1
anthracite matt	**8574 52 85**	1
aluminium, matt, lacquered	**8574 52 83**	1

Berker R.1/R.3

Suitable for	Order no.	Page
Relay insert	8574 12 00	27
Mains insert for KNX radio application module	8502 01 00	-

Design	Order no.	PU
polar white glossy	**8574 52 39**	1
Black glossy	**8574 52 31**	1

KNX wireless motion detector comfort 1.1m Quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8534 51 82**	1
polar white glossy	**8534 51 89**	1
polar white matt	**8534 51 88**	1
anthracite matt	**8534 51 85**	1
aluminium, matt, lacquered	**8534 51 83**	1

Berker R.1/R.3

Suitable for	Order no.	Page
Relay insert	8574 12 00	27
Mains insert for KNX radio application module	8502 01 00	-

Design	Order no.	PU
polar white glossy	**8534 51 39**	1
Black glossy	**8534 51 31**	1

KNX wireless motion detector comfort 2.2m Quicklink
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8534 61 82**	1
polar white glossy	**8534 61 89**	1
polar white matt	**8534 61 88**	1
anthracite matt	**8534 61 85**	1
aluminium, matt, lacquered	**8534 61 83**	1

Berker R.1/R.3

Suitable for	Order no.	Page
Relay insert	8574 12 00	27
Mains insert for KNX radio application module	8502 01 00	-

Design	Order no.	PU
polar white glossy	**8534 61 39**	1
Black glossy	**8534 61 31**	1

Blind insert Comfort

Design	Order no.	PU
light grey	**8522 11 00**	1
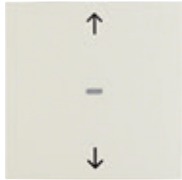
Blind insert comfort
Berker S.1/B.3/B.7

Design	Order no.	PU
white glossy	**8524 51 82**	1
polar white glossy	**8524 51 89**	1
polar white matt	**8524 51 88**	1
anthracite matt	**8524 51 85**	1
aluminium, matt, lacquered	**8524 51 83**	1

Design	Order no.	PU
polar white glossy	**8574 52 39**	1
Black glossy	**8574 52 31**	1

Berker S.1/B.3/B.7

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	31
Mains insert for KNX radio application module	8502 01 00	-
Optional	**Order no.**	**Page**
KNX radio brightness sensor	TR321A	-

Micromodules or Berker quicklink electronic switches
Simple configuration in 3 steps

01 Once the switch is connected to the emitter, start the configuration by pressing `cfg` button and then the button on the switch.

02 Select the function on the output (1 function = 1 color pattern). Validate by a long press > 2s until the LED blinks.

03 Exit configuration mode by a short press on `cfg` button on the emitter.

The same installation process can be equally used for Berker quicklink electronic switches.

1 color pattern = 1 function

LED colour	On/Off Receivers		Dimmers		Shutters/Blinds	
		Function		Function		Function
	on off	On/Off (Toggle Switch)		On/Off Dimming +/-		Up/Stop (TRM692G only)
	on	ON	+	ON (Dimming +)		Up, Stop
	off	OFF	−	OFF (Dimming -)		Down, Stop
	1	Scenario 1	1	Scenario 1	1	Scenario 1
	2	Scenario 2	2	Scenario 2	2	Scenario 2
	⧖	Timer	⧖	Timer		Down, Stop
		On/Off (Switch)		On/Off (Switch)		Shutter Control (Switch)
	on ⚬	Priority ON *				Priority UP
	off ⚬	Priority OFF *				Priority DOWN
	⊗	Clear	⊗	Clear	⊗	Clear

*functions only available on TRMxxx

The sepio wireless intrusion alarm is designed for retrofitting of residential buildings and small business premises. More than just a basic alarm, sepio range offers you a user-friendly and interactive system that can be managed through the coviva app. You can monitor what is happening at home on-demand.

Control panel

Wireless alarm control panel LS, 4 groups

Power supply	• RXU05X power pack (4.5V /14 Ah) • RXU01X 200-240 V AC
Battery life	5 years in normal conditions of use
Average current consumed	235µA
Operating temperature	-10°C to 55°C
Degree of mechanical protection	IP30 / IK06
Siren acoustic power	100 (±2) dB(A) at 1m
Dimensions	232 x 232 x 67.7mm
Weight	1200g

Central siren with integrated command keypad allowing to parameter and use sepio alarm system.

- control panels manage: intrusion protection, protection of individuals, fire alarm and household protection
- adapted for residential and small tertiary premises
- can control up to 4 separate protection groups
- speech synthesis (6 languages)
- 4 customizable command keys and 12 programming keys
- status change signal light
- vocal personalisation of the detectors (max. 40)
- log of the last 500 dates and time-stamped events
- 4-step progressive deterrence, with outdoor detector and outdoor siren emitting strobe flashes
- control can be operated from: remote, keypad with or without badge reader and with or without display, with or without voice synthesis, smartphone

Design	Order no.	PU
white	**RLC304F**	1

Wireless alarm pack, 4 groups

- 1 wireless alarm control panel 4 groups RLC304F
- 2 remote controls, 4 functions info feedback RLF444X
- 2 volumetric motion detectors S161-22F

Design	Order no.	PU
pack	**RLP304F**	1

Commands

4 inputs wireless remote control

- 4 programmable keys wireless / hybrid alarm
- 4 programmable keys alarm / quicklink
- supply: 2 x batteries 3 V type CR2430 (included)

Design	Order no.	PU
blue	**TU444**	1

Alarm pendant

2 programmable commands
- slider ("alert" command)
- button ("alert" or "comfort" command, 10 years autonomy (1 call per day) and delivered with cord and clip)

Design	Order no.	PU
white	**RLF001X**	1

Command keypad

Power supply	4.5V / 2.7Ah battery pack
Battery life	3 years in normal conditions of use
Average current consumed	90µA
Operating temperature	-10°C to 55°C
Degree of mechanical protection	IP30
Dimensions	194 x 95 x 19mm
Weight	270g (with power pack)

The command and information keypad can be used to operate an intrusion protection system from inside the home.

Each command is confirmed with an audible signal and a visual signal (LED) issued by the keypad. The keypad also indicates the system status and any faults or open doors or windows.
- 4 personnalisable keys
- code-based access to keypad commands
- alarm command functions
- 3-colour LED to support use and programming

Design	Order no.	PU
white	**RLF620X**	1

Screen vocal keypad with tag

Power supply	4.5V / 2.7Ah battery pack
Battery life	5 years in normal conditions of use
Average current consumed	45µA
Operating temperature	-10°C to 55°C
Degree of mechanical protection	IP30
Dimensions	194 x 95 x 19mm
Weight	220g (with power pack)

The vocal keypad with tag reader and screen can be used to operate an intrusion protection system from inside the home.

- access codes
- tag reader (identification of up to 32 tags)
- 4 keys (2 pre-programmed, and 2 menu keys whose functions depend on what is displayed on the screen)
- touch screen zone for display navigation
- speech synthesis and OLED screen

Design	Order no.	PU
white	**RLF660X**	1

4-function remote control with information feedback

Power supply	lithium battery 3V / 270mA/h CR2430
Battery life	5 years in normal conditions of use
Average current consumed	45µA
Operating temperature	-10°C to 55°C
Degree of mechanical protection	IP30
Dimensions	194 x 95 x 19mm
Weight	220g

- access codes
- tag reader (identification of up to 32 tags)
- 4 keys (2 pre-programmed, and 2 menu keys whose functions depend on what is displayed on the screen)
- touch screen zone for display navigation
- speech synthesis and OLED screen

Design	Order no.	PU
white	**RLF444X**	1

Tag for access management

- to be used with keypad RLF660X

Design	Order no.	PU
orange	**RLF101X**	1
orange	**RLF110X**	10

Intrusion detection

Volumetric motion detector

Power supply	lithium battery pack 3V / 2.4Ah
Detection angle	90°
Detection range	12m
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP31
Dimensions	58 x 102 x 57mm
Weight	115g

- for indoor application

Design	Order no.	PU
white	**S161-22F**	1

Corridor detector

Power supply	lithium battery pack 3V / 2.4Ah
Detection angle	12°
Detection range	22m
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP31
Dimensions	58 x 102 x 57mm
Weight	115g

- for indoor application

Design	Order no.	PU
white	**S162-22X**	1

Curtain detector

Power supply	lithium battery pack 3V / 2.4Ah
Detection angle	8°
Detection range	12m
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP31
Dimensions	58 x 102 x 57mm
Weight	115g

- for indoor application

Design	Order no.	PU
white	**S163-22X**	1

Expert pet tolerant motion detector

Power supply	lithium battery pack 3V / 2.4Ah
Detection angle	85°
Detection range	12m
Operating temperature	-10°C to +40°C
Degree of mechanical protection	IP31
Dimensions	58 x 102 x 57mm
Weight	115g

- for indoor application

Design	Order no.	PU
white	**S165-22X**	1

:hager

Pet-tolerant IR detector-camera with sending pictures

Power supply	lithium battery 4.5V / 3Ah
Detection angle	90°
Detection range	12m
Operating temperature	0°C to +55°C
Degree of mechanical protection	IP31
Dimensions	125 x 85 x 67mm
Weight	205g

Fitted with a specific lens and able to record image sequences using its built-in camera, the PIR motion detector with image transmission detects intrusion in rooms at risk in the home and is able to distinguish between the presence of a human being and that of a pet (cat, dog).

Following infrared detection, the motion detector triggers the alerts and deterrents and records a sequence of images. These can then be:
• Stored on the microSD card (supplied)
• Remotely transmitted via a dialler/transmission module GSM/GPRS(MMS)

Design	Order no.	PU
white	**RLA176X**	1

Outdoor anti-masking detector

Power supply	lithium battery 3.6V / 4Ah
Detection angle	180°
Detection range	5 setting levels from 2.5 to 12m
Operating temperature	-20°C to +60°C
Degree of mechanical protection	IP55
Dimensions	71 x 186 x 106mm
Weight	540g

- detects intrusion before break-in
- anti-masking protection: detects any fraudulent masking of the front face 24/24
- 6 ready-to-use area mask sets supplied to adapt detection area

Design	Order no.	PU
white	**RLA144X**	1

Outdoor motion detector 2 x 12m

Power supply	lithium battery 3.6V / 4Ah
Detection range	12m
Operating temperature	-20°C to +50°C
Degree of mechanical protection	IP55
Dimensions	56 x 128 x 235mm
Weight	596g

- for indoor / outdoor use

Design	Order no.	PU
white	**S145-22X**	1

Wireless dual technology motion detector

Power supply	lithium battery 2 x (3.6V / 2Ah)
Detection angle	90°
Detection range	12m
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP31
Dimensions	125 x 75 x 65mm
Weight	208g

- dual technology: infrared and hyperfrequency

Design	Order no.	PU
white	**S121-22X**	1

Wireless door and window detector

Power supply	lithium battery 3V / 1Ah	- for indoor use
Operating temperature	-10°C to +55°C	
Degree of mechanical protection	IP31	
Dimensions	108 x 26 x 30mm	
Weight	60g	

The contact detector is used to protect openings such as doors & windows. It is fitted with a built-in magnetic contact (reed switch).

Design	Order no.	PU
white	**S261-22F**	1
brown	**S262-22F**	1

Multicontact detector

Power supply	lithium battery 3.6V / 1Ah	- for indoor use
Operating temperature	-10°C to +55°C	
Degree of mechanical protection	IP31	
Dimensions	138 x 26 x 30mm	
Weight	70g	

Design	Order no.	PU
white	**S271-22F**	1
brown	**S272-22F**	1

External universal transmitter

Power supply	lithium battery 2 x (3.6V / 2Ah)	- for outdoor use
Operating temperature	-25°C to +70°C	
Degree of mechanical protection	IP55	
Dimensions	130 x 80 x 35mm	
Weight	200g	

Design	Order no.	PU
white	**S230-22X**	1

Household protection

Detector for roller blinds

Power supply	lithium battery 3.6V / 1Ah	- for indoor application
Operating temperature	-10°C to +55°C	
Degree of mechanical protection	IP31	
Dimensions	138 x 26 x 30mm	
Weight	70g	

Design	Order no.	PU
white	**S231-22X**	1
brown	**S236-22X**	1

Glassbreak detector

Power supply	lithium battery 2 x (3.6V / 2Ah)	- for indoor application
Operating temperature	-10°C to +55°C	
Degree of mechanical protection	IP31	
Dimensions	138 x 40 x 30mm	
Weight	90g	

Design	Order no.	PU
white	**S280-22X**	1

Freezer breakdown detector

Power supply	lithium battery 2 x (3.6V / 2Ah)

Design	Order no.	PU
white	**S232-22X**	1

Loss of mains supply detector

Power supply	lithium battery 2 x (3.6V / 2Ah)

Design	Order no.	PU
white	**S233-22X**	1

Frost detector

Power supply	lithium battery 2 x (3.6V / 2Ah)

Design	Order no.	PU
white	**S234-22X**	1

Flood detector

Power supply	lithium battery 2 x (3.6V / 2Ah)

Design	Order no.	PU
white	**S235-22X**	1

Technical probes

Design	Order no.	PU
freezer breakdown	**SONPC**	1
mains power failure	**SONCS**	1
freezing	**SONHG**	1
flooding	**SONIN**	1

Fire protection

Smoke detector

Power supply	sealed lithium battery 2x3V	- for indoor application
Battery life	10 years	
Detection signal	85dB at 3m	
Operating temperature	-10°C to +65°C	
Degree of mechanical protection	IP22	
Dimensions	Ø116 x 49mm	
Weight	255g	

Design	Order no.	PU
white	**S155-22X**	1

Heat detector

Power supply	sealed lithium battery 2x3V	- for indoor application
Battery life	10 years	
Detection signal	85dB at 3m	
Operating temperature	-10°C to +65°C	
Degree of mechanical protection	IP22	
Dimensions	Ø116 x 49mm	
Weight	255g	

Design	Order no.	PU
white	**S157-22X**	1

Receivers

External receiver

Operating temperature	-20°C to +70°C	- for indoor or outdoor application
Degree of mechanical protection	IP55	
Dimensions	150 x 85 x 35mm	
Weight	224g	

Possible applications: on/off, time lag, presence simulation (when associated to keypad), remote control, impulse mode, system status reporting, activation in case of intrusion.

Design	Order no.	PU
230V	**S781-22X**	1
12 - 24V	**S791-22X**	1

Alarm interface

Power supply	30V DC via KNX bus	- for indoor application
Operating temperature	0°C to +45°C	
Degree of mechanical protection	IP30	
Dimensions	203 x 77 x 26.5mm	
Weight	140g	

The TRC120 interface is used to enable Hager intrusion alarm system to communicate with the KNX world. On the alarm side, the interface communicates with the alarm central unit by wireless and by TP bus on the KNX side.

Design	Order no.	PU
white	**TRC120**	1

Wireless command receiver

Power supply	battery MPU01X	- for indoor or outdoor (in sheltered location) application
Operating temperature	-25°C to +70°C	
Degree of mechanical protection	IP54	
Dimensions	245 x 215 x 120mm	
Weight	880g	

The receiver makes it possible to:
• interface a hardwired alarm product or any other low voltage automatic pulsed control device with the alarm system,
• operate additional deterrence devices (smoke generator, lighting, etc.) and other electrical devices (low voltage or power)

Design	Order no.	PU
white	**RLE700X**	1

Transmitters

PSTN + GSM/GPRS stand-alone transmitter

Power supply	battery
Battery life	5 years in normal conditions of use
Average current consumed	235µA
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP30
Dimensions	216 x 237 x 67mm
Weight	1070g

Power supply:

- (4.5 V, 14 Ah) RXU05X power pack - low voltage threshold standard Type C - low threshold 3.65 V
- or (4.5 V, 14 Ah) RXU05X power pack backed up by (3.7 V 1.3 Ah) RXU03X Li-Ion buffer battery
- or (200-240 VAC 50-60 Hz / 4.5 V DC 2.2 A) RXU01X internal mains power module backed up by (3.7 V/1.3 V) RXU03X Li-Ion buffer battery - Low voltage threshold Type A - 3.6V - recharge time 20 hours to 80% - Duration with back-up: 36 h.

The RLD464F dialler operates with the Hager Twinband® alarm system.

It is suitable for specific configurations when a plug-in module cannot be directly added to the control panel.

The RLD464F/T dialler is recommended for complete extended and redundant transmission in voice mode (analogical) via PSTN with GSM back-up.

Design	Order no.	PU
white	**RLD464F**	1

PSTN + GSM / GPRS plug-in module

Power supply	battery
Battery life	5 years in normal conditions of use
Average current consumed	235µA
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP30
Dimensions	165 x 63 x 35mm
Weight	114g

Power supply:

- (4.5 V, 14 Ah) RXU05X power pack - low voltage threshold standard Type C - low threshold 3.65 V
- or (4.5 V, 14 Ah) RXU05X power pack backed up by (3.7 V 1.3 Ah) RXU03X Li-Ion buffer battery
- or (200-240 VAC 50-60 Hz / 4.5 VDC 2.2 A) RXU01X internal mains power module backed up by (3.7 V / 1.3 V) RXU03X Li-Ion buffer battery - Low voltage threshold Type A - 3.6 V - recharge time 20 hours to 80% - Duration with back-up: 36 h.

The RLD454F plug-in module operates with the Hager Twinband® alarm system.

It can be fitted to the control panel as an optional device.

The RLD454F module is recommended for complete extended and redundant transmission in voice mode (analogical) via PSTN with GSM back-up.

Design	Order no.	PU
white	**RLD454F**	1

Sirens

Indoor siren with vocal notification

Power supply	lithium battery 2 x (3.6V / 13Ah)
Battery life	5 years in normal conditions of use
Acoustic level	93 (± 2) dB
Operating temperature	-10°C to +55°C
Degree of mechanical protection	IP31
Dimensions	178 x 191 x 61mm
Weight	900g

The indoor siren provides audible information and ensures intruder deterrence when an alarm is triggered.

It sounds loudly in the event of intrusion, fire, audible warnings or household faults and issues vocal notifications about the system status.

It can be used as a door chime.

Design	Order no.	PU
white	**RLD414X**	1

Outdoor siren with orange flash

Power supply	battery 6V / 14 Ah RXU06X
Battery life	5 years in normal conditions of use
Acoustic level	103 (± 2) dB
Operating temperature	-25°C to +70°C
Degree of mechanical protection	IP54
Dimensions	235 x 256 x 90mm
Weight	2500g

- for outdoor application

In addition to the protection provided by the control panel with built-in siren and keypad, the outdoor siren deters intruders.

In the event of intrusion, the siren is immediately triggered and sounds loudly for 90 seconds.

If a fire is detected, the siren is triggered in fire sounding mode for 5 min.

If somebody attempts to pull the siren off the wall, it sounds and then triggers all the alerts and deterrents via the control panel.

Thanks to its built-in transmitter, the siren notifies the control panel of battery faults, the radio link status and the tamper pin status.

Design	Order no.	PU
white	**RLD405F**	1

Outdoor vocal siren with orange flash

Power supply	battery 6V / 14 Ah RXU06X
Battery life	5 years in normal conditions of use
Acoustic level	103 (± 2) dB
Operating temperature	-25°C to +70°C
Degree of mechanical protection	IP54
Dimensions	235 x 256 x 90mm
Weight	2500g

- for outdoor application
- speech synthesis in 6 languages

In addition to the protection provided by the control panel with built-in siren and keypad, the outdoor siren deters intruders.

In the event of intrusion, the siren is immediately triggered and sounds loudly for 90 seconds.

If a fire is detected, the siren is triggered in loud sounding mode for 15 s alternated with "fire alarm" message.

If somebody attempts to pull the siren off the wall, it sounds and then triggers all the alerts and deterrents via the control panel.

Thanks to its built-in transmitter, the siren notifies the control panel of battery faults, the radio link status and the tamper pin status.

The speech synthesis system helps with alarm system use.

Design	Order no.	PU
white	**RLD415F**	1

Accessories

Replacement belt clip

Design	Order no.	PU
transparent	**RXA02X**	1

Memory card multilingual

- for RLC304F
- 6 languages
- configuration, parameters and voice messages backup
- allows control panel change without reprogramming
- transfer of voice messages to a separated transmitter
- groups and transmission module backup

Design	Order no.	PU
memory card	**RLH001X**	1

Multi socket RJ11 / RJ45-RJ45

Design	Order no.	PU
white	**856-99X**	1

ADSL master filter

Design	Order no.	PU
ADSL master filter	**900-99X**	1

GSM antenna

- adhesive
- external antenna for RLD464F or RLD454F

Design	Order no.	PU
black	**RXA03X**	1

MicroSD memory card

- for RLA176X

Design	Order no.	PU
microSD	**RXE00X**	1

Smoke detector tester

Design	Order no.	PU
spray can	**TESTFUM**	1

Glass break detector test unit

- supply unit included

Design	Order no.	PU
white	**TV260**	1

Mains power supply module

- mains power supply: 200-240V AC - 50/60Hz / 4.5V DC 2.2A
- for RLC304F and RLD464F
- compatible with RXU03X

Design	Order no.	PU
power supply module	**RXU01X**	1

1 wired input / 2 relay outputs module

- for control panel RLC304F

Allows to connect the following components to the control panel:
- auto-powered wired siren
- alarm system (flash, voice module,...)
- recording system (recording controller, video recorder)

Design	Order no.	PU
white	**RLH002X**	1

Connecting socket with relay (230V)

- for smoke detector S155-22X
- for heat detector S157-22X
- 1NO/1NC contact 230V (AC or DC)

Design	Order no.	PU
white	**RXA05X**	1

Batteries

Battery packs

Design	Order no.	PU
battery pack, 4.5V / 2.7Ah for RLF620X and RLF660X	**RXU04X**	1
secondary battery Li-Ion, 3.7V / Ah	**RXU03X**	1
battery pack, 4.5V / 15Ah for RLC304F and RLD464F	**RXU05X**	1
battery pack, 6V / 15Ah for RLD450F and RLD415F	**RXU06X**	1

Lithium batteries

Design	Order no.	PU
lithium battery, 3.6V / 4Ah for RLA144X and S145-22X	**BATLi05**	1
lithium battery, 3V type 2430 for RLF444X	**BATLi08**	1
lithium battery, 7.2V / 13Ah for RLD414X and RLE700X	**BATLi22**	1
lithium battery, 3.6V / 3Ah for RLA176X	**BATLi30**	1

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