

Niko connected switch
Effortlessly smarter

niko
Illuminating ideas.





Everything is connected

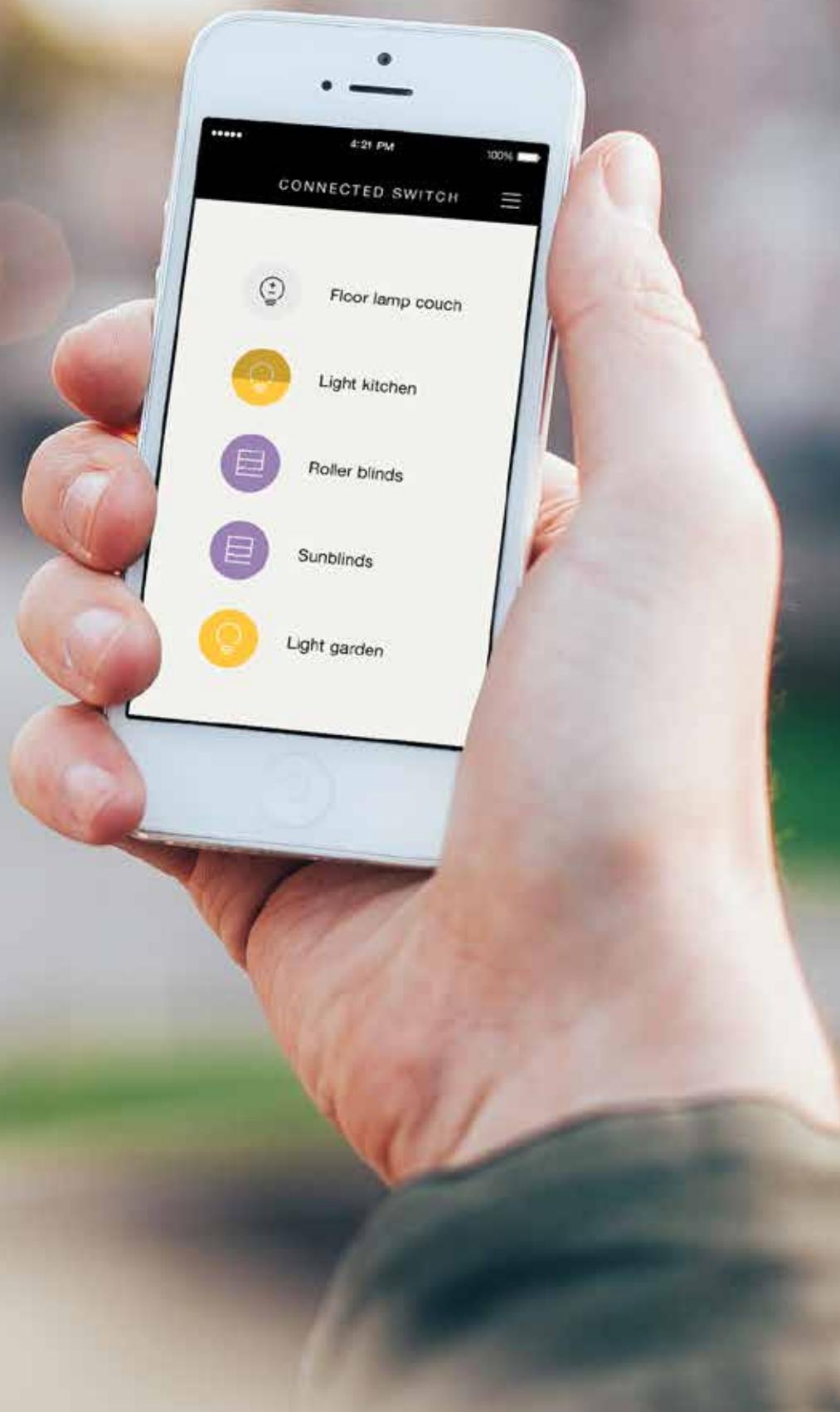
Stay in control, wherever you are

Nowadays, we are connected to everything and everyone. Customers expect more and more from their devices. They respond to smart, connected solutions.

The wireless switches of Niko (according to the Easywave protocol) can now be controlled via smartphone. This makes every home effortlessly smarter. Do your clients wish to control one roll-down shutter? Or all lights, sun blinds and socket outlets? Niko connected switch is modular and expandable.

Without drilling or channelling you can create a uniform look-and-feel, fully in line with your socket outlets, switches and TV connections as all functions are available in the attractive Niko finishings.

The wireless Niko solutions are ideal for renovating clients looking for a simple, yet robust smart solution. And ideal for you, because they are so easy to install.



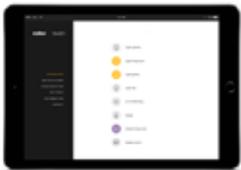
CONNECTED SWITCH

-  Floor lamp couch
-  Light kitchen
-  Roller blinds
-  Sunblinds
-  Light garden

Niko connected switch

A list of all the components:

The connected switch app: the switch in your pocket



The connected switch app converts your smartphone into a remote control. You can operate all connected light sources with a wireless switch – wherever you happen to be. You can use them to turn on the lighting in your living room with your smartphone while you're still enjoying your dinner at a restaurant. This will make it seem like you're at home. Or switch on the garden lighting with your smartwatch while you're on the road.



Open and close roll-down shutters and sun blinds, switch a socket outlet on or off - that can also be done with the connected switch app. The possibilities are endless. That is why the user-friendly interface provides a convenient status overview. The app is very easy to use. As easy as switching the light on and off.

The app can be downloaded for free in your app store. It is compatible with all iPhone and Android devices, whether your clients use a smartphone, tablet or smartwatch.

The gateway: the essential link



The gateway is the essential link between the wireless switches and the connected switch app. It is connected to the network using a UTP cable, which then makes a secure connection with the internet (4G, 3G, GPRS or a WiFi hotspot). This means that the smartphone application is always up-to-date and ready for use.

The gateway is compatible with the Easywave protocol. This allows you to add further wireless switches and receivers later.

The gateway is impressive. The stylish high-tech device can stand freely in the home or be mounted on the wall. Little LED lamps provide handy visual feedback.

Wireless switches: stick them to a wall and they're ready



Expanding traditional electrical cabling, means destructive masonry work. Anyone familiar with Niko's wireless switches, knows it can be done differently. You can stick, screw or place them anywhere. Even as a replacement of existing switches, e.g. that one light behind the closet.

Wireless really means: without cables. All you need is a battery, which has to be replaced every three to five years.



Wireless switches put safety first. They don't only have a 868.3 MHz frequency, they are immune to interference and can also be safely controlled in the bathtub or shower.

Moreover, these solutions are available in any Niko finish. This means they fit in beautifully with your other switching material.

Wireless receivers: many variants



The wireless receivers controlling devices or lamps are the last link within the Niko connected switch chain. They switch your lights on and off, open and close roll-down shutters and switch your socket outlets on and off.

One transmitter can operate an unlimited number of receivers. One receiver can be controlled by a maximum of 32 transmitters. Thanks to the indoor transmitting and reception range of 30 metres, the possibilities of these wireless products are endless.



There are models for flush-mounting, for the electrical cabinet, for outdoor applications and for in the socket outlet.



The web portal: all is effortlessly linked



To programme buttons using the gateway, go to the web page myconnectedswitch.niko.eu. Create an account using your client's name. Do this using the MAC address and serial number of the gateway.

This can be found on the back of the gateway. The user will receive a confirmation e-mail. This e-mail includes all information on modifying the log-in and password after configuration. Very user-friendly, and everything can be set to your client's needs.

The starter kit (410-10000)

And you're all set

To help you along, we have composed a starter kit. This convenient box contains a gateway and a free wireless switch. These contents can be further personalized as much as you'd like.

If your client would like an extra switch above the bed, in the kitchen or next to the couch, you can simply add extra wireless switches to the starter kit. The package has to be expanded by the desired number of wireless receivers. Depending on the needs of the client, the gateway can be combined with a receiver for the roll-down shutters, the sun blinds, the lighting ...

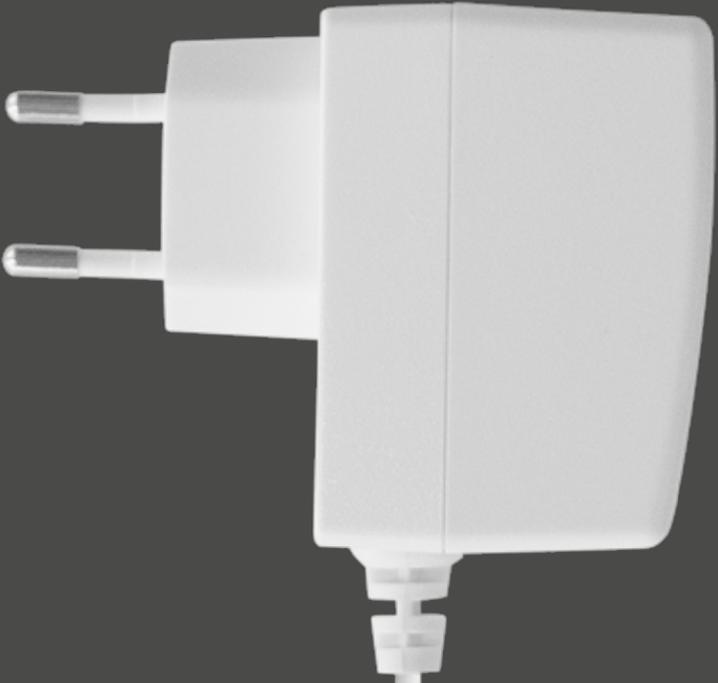
And your client can always change his mind. If at a later moment an extra switch or receiver is necessary, it can be added without a hitch. This way, you are sure of a customized result.



FREE



ONLY
€199
GROSS
EXCL.BTW





Inspiring examples

This is how Niko solves it

Curious to find out how you can increase your client's home comfort with a few simple changes, making use of the wireless solutions of Niko? We offer you five inspiring examples.

Living room lighting

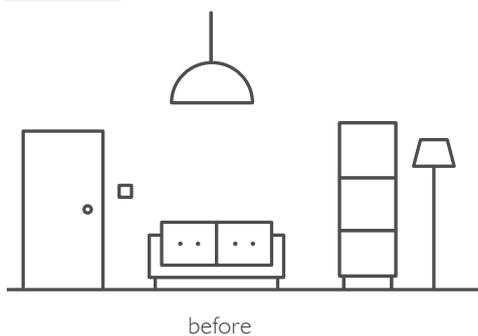


You want to go to bed but there is still a light on in the living room (standard lamp, glass cabinet, ...) You need to cross the entire living room to turn it off. Sounds familiar? Using Niko's wireless solutions you can turn it all off at the door. Or from your bed, with the super convenient app.

Also, when going on holiday, you can double check that you have turned everything off from inside the car. You can also programme the wireless switches to switch on and off at fixed times, to make it look like you are home. Even when you have already left.

Solution

- Niko connected switch starter kit with wireless switch (replaces the switch of the main lighting) 410-10000
- Dimmable receiver for the main lighting 05-360
- Extra double switch for reading lamp and glass cabinet 410-00002 + xxx-00007 + xxx-76100
- 2 plug-through sockets for reading lamp and glass cabinet 05-34x



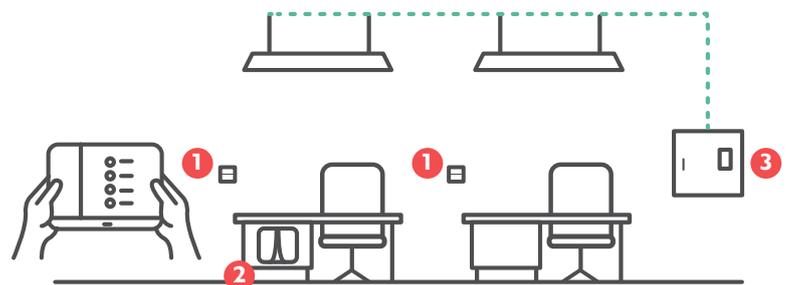
Office lighting



As a business owner you will want to ensure that your colleagues switch off the lights before going home. If you make it possible to operate your lighting with Niko's wireless switches, then you can control them from a distance. Or programme them in such a way, that they switch on every working day at 8 AM and off at 8 PM. Want to double check? Check the lighting via the app and switch them off remotely.

Solution

- Niko connected switch starter kit with wireless switch 410-10000
- Extra wireless switches 410-00001 + xxx-00001
- 1 modular wireless 2-channel receiver per 2 light circuits 05-352



Sun blinds and shutters

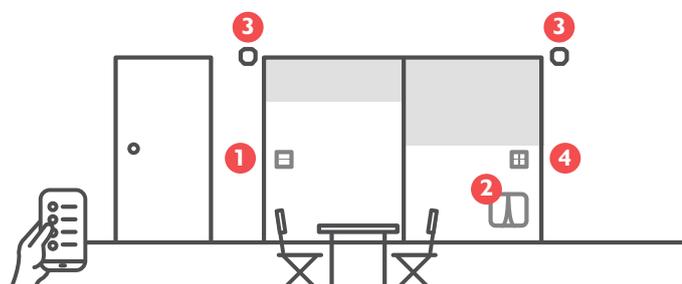


Photo: © Renson

The day got off to a good start and you are already at work. However, you forgot to lower the sun blinds so your house will soon become too warm. This is easily resolved using the handy app. Are the summer thunder clouds gathering? Operate your sun blinds and shutters from a distance to prevent any damage.

Solution

- Niko connected switch starter kit with wireless controls (for the sun blinds) 410-10000
- 1 double wireless control for the roll-down shutters 410-00002 + xxx-00007 + xxx-76100
- 2 wireless receivers for motor control, for flush-mounting 05-333



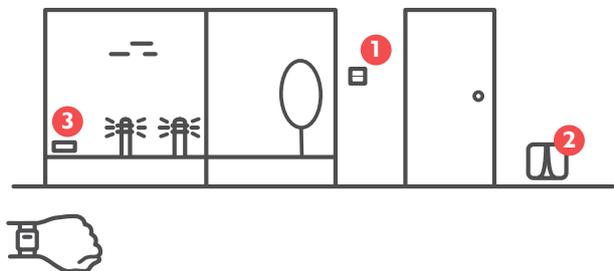
Garden lighting



It's really handy to be able to switch garden lighting on or off when you are not at home. Using Niko's wireless solutions you can operate garden lighting remotely with the app, or from your back door with a wireless switch. Or, easier still, programme the lights to come on every evening at 7 PM until midnight. You will never forget to switch off the light again. It's not only practical, it's also very safe.

Solution

- Niko connected switch starter kit with wireless controls 410-10000
- Wireless 2-channel receiver, IP66, for surface-mounting 05-336



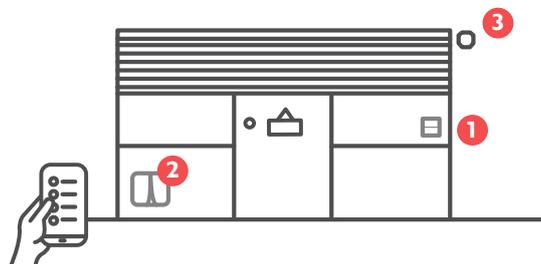
Roller shutter in your shop window



Open the roller shutter at your shop window while you are still at home enjoying a cup of coffee? Or use the app to close the roller shutter in the evening when you are already home? Everything is possible with the super handy Niko connected switch app.

Solution

- Niko connected switch starter kit with wireless controls 410-10000
- Wireless receiver for motor control, for flush-mounting 05-333



The installer

Create added value for your clients

The traditional electrician no longer exists. To provide added value for your clients nowadays, you have to be an all-rounder who is able to link modern technology with user-friendly electrical solutions. Because in the future everything will be connected - of that Niko is convinced. That is why we provide all the tools for you to easily and effortlessly install the wireless technology. This ensures that you can give your clients top service, and make their homes effortlessly smarter.

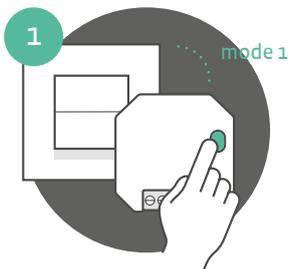
For your clients, a smooth functioning of all switches and their connected devices – including the handy app - is most important. As an installer, you ensure a controlled and safe system providing all comforts. And we want to help you do this. You start with the Niko connected switch starter kit. It contains a wireless switch and a gateway, which you can immediately get started with. Via the gateway, connect the switches and its wireless receivers with the app for smartphone or tablet, according to a convenient step-by-step plan. Ease of installation is guaranteed.

If you choose Niko, you are ensured of pure Belgian quality. We are constantly investing in innovation to further improve our products. Therefore we give you a four-year warranty, two years more than the legally required warranty. Need help or extra information? Contact our customer service, see www.niko.eu



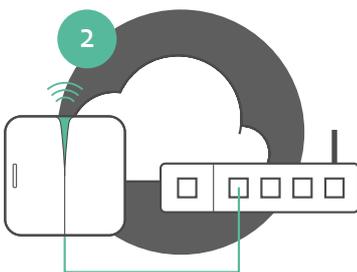
Effortlessly smarter in 4 steps

How to install the connected switch?



1. Programme the wireless switches on the receivers

First, programme the switches in dual-button mode (mode 1), so that the switch's top button switches on the light, and pressing the bottom button turns it off again. Programme all switches in this manner, to guarantee the app will function properly. Please note: the switches, receivers and gateway can be no more than 30 m away from each other. Put the gateway in a central location of the installation for optimal range.



2. Connect the gateway to the network

Use the included ethernet cable to connect the gateway to the internet modem or router. Connect the mains lead to the gateway and insert the plug into the socket outlet. Is the green LED on the gateway flashing? It is starting up. As soon as the green LED stops flashing, the gateway is connected to the internet.

3. Create an account and adopt the switches

Go to the Niko connected switch web page and create an account. The confirmation email includes all information on modifying the log-in and password after configuration. Follow the steps indicated by the configuration wizard. The controls must be adopted first, after which the functions can be linked to the controls.



4. Download the app

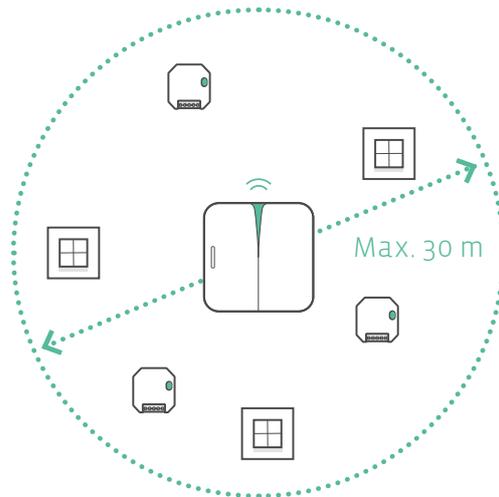
As the final step, download the Niko connected switch app in the App Store or on Google Play. Open the app and connect it to the account you created for your client. The app requires iOS 9 or Android 4.1 (Jelly Bean) or later.





Positioning

Inside a building the switches, receivers and gateway can be no more than 30 m away from each other. Put the gateway in a central location of the installation for optimal range.



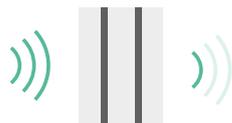
Transmission range

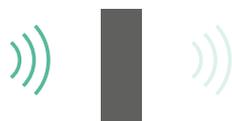
The indoor range is ± 30 m, and 100 m in open space.

The transmission range depends on the materials used in the residence.

 Gypsum or wood walls:
loss of 5 to 20%

 Brick and concrete:
loss of 20 to 40%

 Reinforced concrete:
loss of 40 to 90%

 Confined metal space:
loss of 90 to 100%

Design and finishing

There is something for everyone

Niko Pure

Do you love an **ultra sleek design** in timeless materials? Then you will love the refined look of Niko Pure. A series made from special materials full of character and emotion such as bamboo, stainless steel, Bakelite and Plexiglass. Your guarantee of an elegant and sustainable finish. Top design, made affordable.



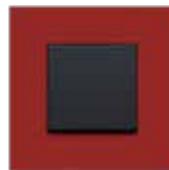
stainless steel on anthracite



stainless steel on white



natural soft grey



natural soft red



bamboo



white steel



black steel



champagne steel



Bakelite® piano black



Bakelite® chocolate



fluent champagne



fluent anthracite



liquid jade



liquid snow white



weathered steel



skin sensation cinnamon



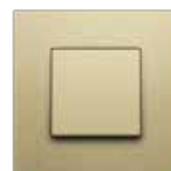
alu grey



alu black



alu steel grey



alu gold



bronze



concrete

Niko Intense

A series that you have to feel. Niko Intense is all about touch. The **sleek shape** and **soft lines** radiate intensity. Choosing these switches is choosing a remarkably warm character.



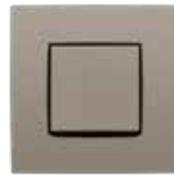
white



sterling



anthracite



bronze



dark brown

Niko Original

Are you attracted to **soft lines** and **mild colours**? Then Niko Original is just what you are looking for. You choose a finish that is discreetly present at any location.



cream



white



light grey



greige

Connected switch starter kit with gateway and wireless switch

This starter kit contains one gateway and one wireless switch with 2 push buttons in the colour Niko Intense White.

Thanks to this gateway, it is possible to control all the wireless switches in an installation with an app for **smartphone, tablet** or **smartwatch**, or via a web page. In this way, the customer can securely control the installation via a mobile network such as 4G, 3G, GPRS or a WiFi hotspot.

The starter kit can be extended, according to your needs, with other Niko wireless switches and receivers that function according to the Easywave protocol. Thanks to these receivers, it is possible to **switch lights on/off** and **dim lights, control shutters** and **sun blinds**, or **switch on devices connected with a socket outlet**. The switches, receivers and gateway can be up to 30 m away from each other.

Installation in just 4 steps:

1. Programme the wireless switches on the receiver in dual-button mode (Mode 1)
2. Connect the gateway to the network's router
3. Create an account at myconnectedswitch.niko.eu and follow the wizard to adopt the buttons
4. Download the Niko connected switch app in the App Store or Google Play and link it to the new account.

- Communication protocol: Easywave – 868.3 MHz
- Transmission range max. 30 m indoors
- Programming of the buttons with receivers in dual-button mode (Mode 1)
- Registration and configuration via myconnectedswitch.niko.eu
- Wireless button with supplied battery (type CR2430) consists of ref. 410-00001 + 101-00001 + 120-76100
- App: iOS 9 or higher, Android 4.1 (Jelly Bean) or higher
- Not compatible with mini handheld transmitter 05-311 & wireless window or door contact 05-363
- Gateway:
 - Can be positioned horizontally, or mounted vertically on the wall
 - Fitted with a green LED indicating the correct functioning of the device
 - Dimensions (HxWxD): 173 x 173 x 35 mm
 - Maximum consumption: 2.5 W
 - Input voltage 5 V via power adapter
 - RJ45 port, 100 Mbit WAN port
 - Ethernet cable supplied
 - Ambient temperature: 0 - 45 °C
 - Protection degree: IP20

Complete device

410-10000 Items: 1 Starter kit



Wireless switch with 2 buttons

This wireless switch with two buttons is used as one dual-button control (up=on, down=off), or as two one-button controls (toggle on/off or pulse). In combination with the gateway, only dual-button control is used.

- power supply: battery (supplied), type CR2439
- transmission range: ± 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box



Base



410-00001 items: 6 Switch with plastic mounting frame and battery

Accessories



450-00067 items: 20 Claw set

Base for mounting on the flush-mounting box



410-00021 items: 1 For claw fixing (transmission range +/- 25 m indoors)



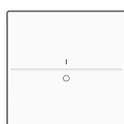
410-00022 items: 1 For screw fixing (transmission range +/- 25 m indoors)

Single button



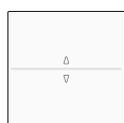
 100-00001 Items: 10	 101-00001 Items: 10	 102-00001 Items: 10
 104-00001 Items: 10	 121-00001 Items: 10	 122-00001 Items: 10
 123-00001 Items: 10	 124-00001 Items: 10	 154-00001 Items: 10
 157-00001 Items: 10	 161-00001 Items: 10	 200-00001 Items: 10
 201-00001 Items: 10	 220-00001 Items: 10	 221-00001 Items: 10

Single button with I and 0



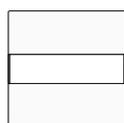
 100-00002 Items: 10	 101-00002 Items: 10	 102-00002 Items: 10
 104-00002 Items: 10	 121-00002 Items: 10	 122-00002 Items: 10
 123-00002 Items: 10	 124-00002 Items: 10	 154-00002 Items: 10
 157-00002 Items: 10	 161-00002 Items: 10	

Single button with 'up' and 'down'

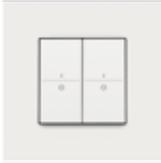


 100-00004 Items: 10	 101-00004 Items: 10	 102-00004 Items: 10
 104-00004 Items: 10	 121-00004 Items: 10	 122-00004 Items: 10
 123-00004 Items: 10	 124-00004 Items: 10	 154-00004 Items: 10
 157-00004 Items: 10	 161-00004 Items: 10	

Single button with description field



 100-00006 Items: 10	 101-00006 Items: 10	 102-00006 Items: 10
 104-00006 Items: 10	 121-00006 Items: 10	 122-00006 Items: 10
 123-00006 Items: 10	 124-00006 Items: 10	 154-00006 Items: 10
 157-00006 Items: 10	 161-00006 Items: 10	



Wireless switch with 4 buttons

This wireless switch with four buttons is used as two dual-button controls (up=on, down=off), or as four one-button controls (toggle on/off or pulse). In combination with the gateway only dual-button control is used.

- power supply: battery (supplied), type CR2439
- transmission range: ± 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box

Base



410-00002 items: 6 Switch with plastic mounting frame and battery

Accessories



450-00067 items: 6 Claw set

Base for mounting on the flush-mounting box

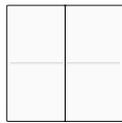


410-00021 items: 1 For claw fixing (transmission range +- 25 m indoors)



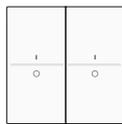
410-00022 items: 1 For screw fixing (transmission range +- 25 m indoors)

Double button



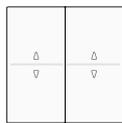
	100-00007	Items: 10		101-00007	Items: 10		102-00007	Items: 10
	104-00007	Items: 10		121-00007	Items: 10		122-00007	Items: 10
	123-00007	Items: 10		124-00007	Items: 10		154-00007	Items: 10
	157-00007	Items: 10		161-00007	Items: 10		200-00007	Items: 10
	201-00007	Items: 10		220-00007	Items: 10		221-00007	Items: 10

Double button with I and 0



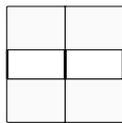
	100-00008	Items: 10		101-00007	Items: 10		102-00008	Items: 10
	104-00008	Items: 10		121-00008	Items: 10		122-00008	Items: 10
	123-00008	Items: 10		124-00007	Items: 10		154-00008	Items: 10
	157-00008	Items: 10		161-00008	Items: 10			

Double button with 'up' and 'down'



	100-00010	Items: 10		101-00010	Items: 10		102-00010	Items: 10
	104-00010	Items: 10		121-00010	Items: 10		122-00010	Items: 10
	123-00010	Items: 10		124-00010	Items: 10		154-00010	Items: 10
	157-00010	Items: 10		161-00010	Items: 10			

Double button with description field



	100-00012	Items: 10		101-00012	Items: 10		102-00012	Items: 10
	104-00012	Items: 10		121-00012	Items: 10		122-00012	Items: 10
	123-00012	Items: 10		124-00012	Items: 10		154-00012	Items: 10
	157-00012	Items: 10		161-00012	Items: 10			

Wireless mini hand-held transmitter with 1 channel and 4 control buttons

This hand-held transmitter has four independent control buttons and can be used in combination with every Niko receiver. A different function can be assigned to each control button. Visual check of the control via a LED. Mounting bracket and battery included. In combination with the gateway, only dual-button control is used.

- transmission range: \pm 30 m indoors, 100 m in open spaces
- dimensions: 62 x 37 x 11 mm (HxWxD)
- weight: \pm 28 g (including battery)



Complete device

05-317 Items: 10 Complete device

Wireless mini hand-held transmitter with 4 channels and 13 control buttons

With this hand-held transmitter, you control a maximum of 52 circuits, independent of one another, but dependent on the receiver settings. You use the hand-held transmitter for 1-key, 2-key and 4-key functions. The operation status and channel selection is indicated with LEDs. In combination with the gateway, only dual-button control is used.

- power supply voltage: 2x 3V DC battery (supplied);
- transmission range: approximately 30 metres indoors, 100 metres in open spaces;
- dimensions: 61 x 151 x 21 mm (HxWxD)



Complete device

05-312 Items: 1 Complete device

Wireless mini hand-held transmitter with 5 channels and 3 control buttons

With this hand-held transmitter, you control a maximum of 15 circuits, independent of one another (but dependent on the receiver settings) and it can be used for single, dual- or 4-button functions. Visual check of the channel selection and the control via LEDs. In combination with the gateway, only dual-button control is used.

- dimensions: 108 x 38 x 14 mm (HxWxD)
- power supply: battery (supplied)



Complete device

05-318 Items: 1 Complete device

Wireless mini transmitter interface

The wireless transmitter interface for push buttons or switches, transforms the push button or switching contacts into a wireless telegram:

- If a maximum of four push buttons are connected: the wireless telegram is sent as long as the push button is held down (max. 10 s).
- If a maximum of two switches are connected: the wireless telegram is sent as soon as the contact is closed. Once the contact is opened, a new telegram is sent. Any programming can be assigned when the contact is closed or opened.
- In combination with the gateway, only dual-button control is used.

- power supply: 3V battery, type CR2032 (supplied)
- dimensions: 30 x 28 x 9 mm (HxWxD)



Complete device

05-315 Items: 10 Complete device



Wireless three-channel transmitter

The wireless three-channel transmitter is suitable for flush mounting and may only be used to control wireless receivers. By using this three-channel transmitter, you can expand the switching functions of existing switches or push buttons via a receiver. The three-channel transmitter checks whether a switch/push button is live and transmits the corresponding Easywave code (A, B, C or D) to the wireless receiver, which in turn switches the consumer. In combination with the gateway only dual-button control is used.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- weight: 32 g
- frequency: 868.3 MHz
- power supply voltage: 230 Vac, 50 Hz
- maximum power consumption: 0.7 W
- transmission range: \pm 30 m indoors, 100 m in open spaces
- protection degree: IP20
- operating temperature: -20 – +60°C

Complete device

05-362 Items: 1 Complete device

Modular wireless single channel receiver

The single channel receiver suitable for mounting on DIN rail is equipped with one potential-free changeover relay (10 A/230 V) and a connector for the external antenna (05-309). The receiver may be connected to only one phase. The changeover relay may not be used for circuits with safety extra-low voltage (SELV). The modular dimmers 05-703, 05-704, 05-715 and 05-728 can be controlled. All dimmers must receive their power from the same phase. In combination with the gateway, only dual-button control is used.

- five modes for the on-off function
- single- or dual-button control
- switching time: 0 - 3 s
- switch-off delay: 0 s – 120 min
- dimensions: DIN 4E
- weight: 261 g

Complete device

05-351 Items: 6 Complete device



Modular wireless dual-channel receiver

The single channel receiver suitable for mounting on DIN rail is equipped with two (to be programmed independently) potential-free changeover relays (10 A/230 V) and a connector for the external antenna (05-309). If the receiver is used to control roll-down shutters or ventilation, five specific modes are available to set the roll-down shutter functions (open, stop and close) or the different ventilation speeds. The receiver may be connected to only one phase. The changeover relays may not be used for circuits with safety extra-low voltage (SELV). The modular dimmers 05-715 and 05-728 can be controlled. All dimmers must receive their power from the same phase. In combination with the gateway only dual-button control is used.

- five modes for the on-off function
- single-, dual- or four-button control (depending on the mode)
- switching time: 0 - 3 s
- switch-off delay: 0 s – 120 min
- dimensions: DIN 4E
- weight: 343 g

Complete device

05-352 Items: 6 Complete device



Modular wireless dim receiver

The dim receiver suitable for mounting on DIN rail is equipped with two channels and a connector for the external antenna (05-309). Each channel consists of a NO-contact (4 A/230 V) and a 1-10V-control output (45 mA). Electronic ballasts or dimmers (05-715, 65-410) can be controlled directly using a 1-10V current signal, in accordance with the EN60929 standard. Besides the traditional 0-100% dimming, a preset dimming level or mood can be retrieved. In combination with the gateway only dual-button control is used.

- nine programming modes
- single-, dual- or four-button control (depending on the mode)
- switching time: 0 - 3 s
- switch-off delay: 0 s – 120 min
- dimensions: DIN 4E
- weight: 282 g

Complete device

05-350 Items: 6 Complete device



Wireless dimmer receiver 1-10 V, for surface-mounting

This ceiling receiver is equipped with two channels and a connector for the external antenna (05-309). Each channel consists of a NO-contact (4 A/230 V) and a 1-10V-control output (45 mA). Electronic ballasts or dimmers (330-00701, 05-715, 65-410) can be controlled directly using a 1-10V current signal, in accordance with the EN60929 standard. Besides the traditional 0-100% dimming, a preset dimming level or mood can be retrieved. In combination with the gateway only dual-button control is used.

- nine programming modes
- single-, dual- or four-button control (depending on the mode)
- switching time: 0 - 3 s
- switch-off delay: 0 s – 120 min
- dimensions: 232 x 54 x 34 mm (HxWxD)
- weight: 343 g

Complete device

05-338 Items: 1 Complete device





Modular wireless dimmer, 750 VA

This wireless dimmer for DIN-rail mounting is suitable for a selection of dimmable LED lamps, 230V incandescent lamps, 230V halogen lamps and all types of low-voltage halogen lamps. Automatic selection of the dimming principle. Control occurs using a push button or a remote control unit. Up to 30 controls. Used with or without the memory function. Additional memory to save a mood. Indication LEDs for the operation status and error diagnoses. In compliance with the European directives for EMC and safety EN60669-2-1. In combination with the gateway the push-button inputs cannot be used and only dual-button control is used.

- five control modes
- single- or dual-button control
- switching time: 0 - 3 s
- switch-off delay: 0 s – 3 min
- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- overload protection with automatic reset function
- PLC filter for interference via the mains
- dimensions (2 DIN rail modules): 90 x 35 x 66 mm (HxWxD)
- weight: \pm 144 g
- ambient temperature: 35°C
- ferromagnetic & toroidal core transformer: 60-750 VA
- electronic transformer: 60-750 VA
- incandescent lamps & halogen lamps: 60-750 W
- compatible dimmable LED lamps:
 - Sylvania ToLEDo GLS DIM
 - V3 1521LM 827 E27 SL 10W (min 2, max 8)
 - V2 806LM 827 E27 SL 9.5W (max 10)
 - 1055LM 827 B22 SL 12.5W (max 10)
 - Philips MASTER LEDspotLV
 - D 7-35W 840 MR16 24D (max 8)

Complete device

05-353 Items: 10 Complete device



Wireless 2-channel receiver, IP66, for surface-mounting

The 2-channel receiver for surface-mounting is equipped with two switching contacts (10 A/230 V) (changeover relay and single-pole contact) and two push-button inputs. The receiver can be controlled either wirelessly or via local push buttons. If the receiver is used to control roll-down shutters or ventilation, five specific modes are available to set the roll-down shutter functions (open, stop and close) or the different ventilation speeds. If used as motor control, both controls are used for one motor. The receiver may be connected to only one phase. The switching contacts may not be used for circuits with safety extra-low voltage (SELV).

In combination with the gateway the push-button inputs cannot be used and only dual-button control is used.

- five modes for the on-off function (set separately per output)
- switching time: 0 - 3 s
- switch-off delay: 0 s – 120 min
- dimensions: 56 x 94 x 180 mm (HxWxD)
- weight: 645 g
- protection degree: IP66 (protected against dust and water jets)

Complete device

05-336 Items: 1 Complete device



Wireless 2-channel receiver, 12-24 VAC or VDC for surface-mounting

The 2-channel receiver for surface-mounting has four operation modes. Per channel, an external pulse push button can be connected. The receiver may only be used for switching low-voltage loads. Possible applications: dual-button control (on-off functions), push button functions (as long as the push button is held down), pulse function (1 s) or dual-button control (roller blinds/shutters). The roller blind-shutter function may only be supplied with direct current (DC). In combination with the gateway the push-button inputs cannot be used and only dual-button control is used.

- dimensions: 35 x 63 x 70 mm (HxWxD) (without antenna)
- power supply voltage: 12 - 24 VAC or VDC
- maximum contact load:
 - AC: 24 V, 1 A (24 VA)
 - DC: 30 V, 1 A (30 W)

Complete device

05-335 Items: 6 Complete device

Wireless single channel receiver, single-pole, for flush-mounting



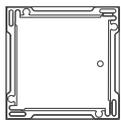
This mini receiver with single-pole switching contact (10 A/230 Vac) is used to control lighting. The receiver operates with both partition and hand-held transmitters in single- or dual-button mode. Thanks to its limited dimensions, it is easily flush mounted. In combination with the gateway only dual-button control is used.

- three modes for the on-off function
- dimensions: 29 x 49 x 70 mm (HxWxD)
- weight: 53 g

Base

05-331 items: 10 Base

Finishing set



	100-77001	Items: 10		101-77001	Items: 10		102-77001	Items: 10
	104-77001	Items: 10		121-77001	Items: 10		122-77001	Items: 10
	123-77001	Items: 10		124-77001	Items: 10		154-77001	Items: 10
	157-77001	Items: 10		161-77001	Items: 10			

Wireless single channel receiver, single-pole and potential-free, for flush-mounting



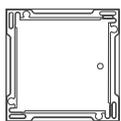
This mini receiver is equipped with a single-pole, potential-free switching contact (6 A) and has a specific pulse mode to control a bell, dimmer, motor, etc. Thanks to its limited dimensions, it is easily flush mounted. In combination with the gateway only dual-button control is used.

- three modes for the on-off function
- dimensions: 29 x 49 x 70 mm (HxWxD)
- weight: 53 g

Base

05-332 items: 10 Base

Finishing set



	100-77001	Items: 10		101-77001	Items: 10		102-77001	Items: 10
	104-77001	Items: 10		121-77001	Items: 10		122-77001	Items: 10
	123-77001	Items: 10		124-77001	Items: 10		154-77001	Items: 10
	157-77001	Items: 10		161-77001	Items: 10			

Wireless receiver for motor control, for flush-mounting



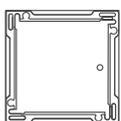
This mini receiver with switching contact (4 A/230 Vac) is used to control roll-down shutters. The receiver can be operated by both partition and hand-held transmitters in a dual-button mode for the roll-down shutter functions (open, stop and close). The operating time is 150 s. Thanks to its limited dimensions, it is easily flush mounted. In combination with the gateway only dual-button control is used.

- dimensions: 70 x 49 x 29 mm (HxWxD)
- weight: 76 g

Base

05-333 items: 10 Base

Finishing set



	100-77001	Items: 10		101-77001	Items: 10		102-77001	Items: 10
	104-77001	Items: 10		121-77001	Items: 10		122-77001	Items: 10
	123-77001	Items: 10		124-77001	Items: 10		154-77001	Items: 10
	157-77001	Items: 10		161-77001	Items: 10			



Universal wireless single-channel dimmer, single-pole, for flush-mounting

The universal wireless single channel dimmer (single-pole) is suitable for flush mounting and may only be used to wirelessly switch and dim lights up to a maximum of 250 W. You can also directly connect a fixed N.O. push button to this dimmer. With a wireless push button or a hand-held transmitter (one- or two-button control) connected to the dimmer, the lighting is always gradually switched on and off and dimmed up and down. To locally switch on and off or dim the lighting, a fixed NO push button can be connected to the dimmer. The integrated, electronic short-circuit, overload and overheating protection guarantees maximum safety during use. The dimmer may not be used to switch or to dim electric motors. In combination with the gateway the push-button input cannot be used and only dual-button control is used.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- weight: 35 g
- frequency: 868.3 MHz
- power supply voltage: 230 Vac, 50 Hz
- standby consumption: 0.7 W
- incandescent lamps: 7 – 250 W
- 230V halogen lamps: 7 – 250 W
- dimmable economy lamps: 7 – 100 W
- dimmable LED lamps: 7 – 100 W
- ferromagnetic transformer: 20 – 250 VA
- toroidal core transformer: 20 – 250 VA
- electronic transformer: 7 – 250 W
- minimum load: 7 W
- maximum load: 250 W
- protection degree: IP20
- operating temperature: -20 – +60°C

Complete device

05-360 Items: 1 Complete device



Wireless single channel receiver, for flush-mounting

The wireless receiver with 230 V switching contact (one-channel) is suitable for flush mounting and may only be used as a wireless control in combination with small consumers. With this receiver, small consumers can be switched in three working modes (two modes for the on-off function and pulse mode).

You can operate the receiver using either push buttons or hand-held transmitters. In combination with the gateway only dual-button control is used, and the relay contact is used as a single-pole switch function.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- frequency: 868.3 MHz
- power supply voltage: 230 Vac, 50 Hz
- standby consumption: ± 0.8 W
- output: potential-free relay contact (two-way switch)
- protection degree: IP20
- operating temperature: -20 – +60°C
- certification: CE marked in compliance with EN 60669-2-1

Complete device

05-361 Items: 1 Complete device



Plug-through socket with wireless receiver

This plug-through socket with single-pole switching contact (10 A) has three different modes: conventional switch function (on/off), teleruptor and delayed power cut (7 min, time not adjustable). In combination with the gateway only dual-button control is used.

Complete device

05-340 Items: 5 Complete device with pin earthing

05-341 Items: 5 Complete device with side earthing

External antenna

The external antenna is suitable for use with all modular wireless Niko receivers (868.3 Mhz) and makes it possible to receive wireless signals in a metal electrical cabinet. The antenna is equipped with a connection cable (3 m) and a connector.



Accessories

05-309 Items: 5 External antenna with connector

Diagnostics device

In complex or expansive installations, the diagnostics device (9V block battery not included) allows you to determine in advance whether the wireless applications can be used. The device determines the wireless signal strength in any environment and recognises all 868.3 Mhz signals. Nine LEDs on the device will indicate the quality of the signals received or the strength of any interrupting signals. This allows you to determine whether or not the signal range of the hand-held transmitter will meet your needs.



Accessories

05-370 Items: 6 Diagnostics device

Wireless repeater

The repeater is used in installations with insufficient range and has two operating modes: broadcast mode and defined mode. In the broadcast mode, all received commands are sent, in the defined mode a maximum of 16 control points can be programmed. An indication LED flashes when a command is received or sent. The repeater is not suitable for motor control or dimmers.



- dimensions: 26 x 49 x 70 mm (HxWxD) (without antenna)
- weight: \pm 40 g (with antenna)
- power supply voltage: 230 Vac or 12 – 24 Vdc
- frequency: 868.3 MHz
- transmission range: \pm 30 m indoors, 100 m in open spaces
- operating temperature: -20 – +60°C

Accessories

05-535 Items: 10 Base

Niko is the market leader in Belgium and produces solutions for switching material, access control, lighting control and home automation from its headquarters in Sint-Niklaas (Belgium).

Niko invests heavily in research and development as part of its ongoing commitment to focus on well-considered design and to produce the highest quality products in an environmentally-friendly manner. Niko's design philosophy is to consistently create the most innovative, aesthetically pleasing and user-friendly products on the market today.

Niko is a company in full expansion. It employs over 630 people and has an annual turnover of more than 125 million euros. Niko currently has offices across Europe in Belgium, France, the Netherlands, Slovakia and Denmark.

Niko nv

Industriepark West 40

BE-9100 Sint-Niklaas

sales@niko.be

Tel +32 3 778 90 00

Fax +32 3 777 71 20

www.niko.eu

a member of  niko group

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