



Discover what's new

2020-2021

INTERNATIONAL

niko



Dear Customer,

With our solutions, you can ensure that buildings work better. This means that users can live, work and do their daily work more comfortably and safely whilst also saving energy. With Niko Home Control, for example, you can make every type of home smart, regardless of the type of cabling in the building. It is an open system offering many solutions, to which a wide range of partner brands can be connected.

We're not only refreshing our products. We're also refreshing their technology. Our emphasis? It's on easy installation and programming. And naturally on quality and design.

Now, we are once again launching a range of new solutions. Some products will be phased out from the range. Want to find out more about the changes? You can discover them in this brochure.

More information?

Contact Niko sales at sales.be@niko.eu or +32 3 778 90 20.

Do you have a technical question? Our customer service department can be contacted at support.be@niko.eu or +32 3 778 90 80.

The Niko team

In this brochure

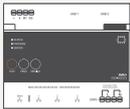
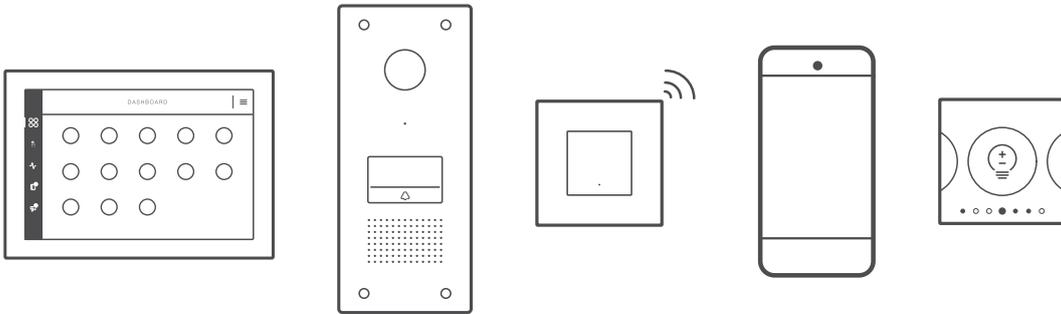
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Niko Home Control for bus wiring

Complete flexibility, endless possibilities

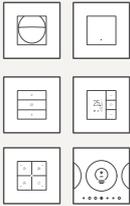
Niko Home Control for traditional wiring

Low barrier, standard functions work without programming



The connected controller

One main brain



Flexibility of operation

User-friendly design, fewer controls needed



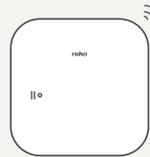
Heating – ventilation

Control of heating and ventilation



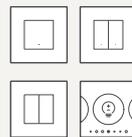
Digital / Analogue IN

Smoke detectors, CO₂ detection, water leaks, external alarm



The wireless smart hub for Niko Home Control

Connect the controls and sensors with the internet



Connected controls

Basic controls: switches, socket outlets, dimmers, roll-down shutter control, motion detectors



compatible with our partners

SONOS **BOSE** **VELUX** **REYNAERS**

DUCO **RENSON** **smappee**

Vaillant **Bulex** **Saunier Duval** **NIBE** **MITSUBISHI ELECTRIC** **DAIKIN**

compatible with our partners

SONOS **BOSE**

DUCO **RENSON** **smappee** **SMA**

Vaillant **Bulex** **Saunier Duval** **NIBE** **MITSUBISHI ELECTRIC** **DAIKIN**

Offer may vary by location. Please check with your local reseller for a complete list of compatible partner systems.

Niko Home Control for traditional wiring

Niko adds Zigbee® products to its Niko Home Control traditional wiring offer

The Niko Home Control traditional wiring portfolio will be extended with Zigbee® products. They have the same design, the same end-user functionalities and will be available at the same price. That means that Niko Home Control installations on traditional wiring can, as of now, be set up using either the Easywave# or the Zigbee® communication protocol. Both wireless technologies communicate with the wireless smart hub.

Easywave# and Zigbee®

Easywave#, is a proprietary wireless communication language protocol that Niko has been using for several years. It has proven its robustness over and over again and offers a reach of 30 meters for the communication from products to the wireless smart hub. The Zigbee® protocol establishes a meshing network for communication. This means that each 230 V connected Zigbee® product becomes a repeater, thereby offering point-to-point communication. The Zigbee® protocol ensures that Niko Home Control is open to communicate with other smart systems in the future, via 3rd party integrations.

Easywave# and Zigbee® work together

Both Niko Home Control protocols offer similar benefits for your customer and have the same method of installation and programming for you. We assured that both protocols communicate with the wireless smart hub. That is why it is easy to have both Easywave# and Zigbee® products working together in one Niko Home Control installation.

	Niko Home Control for traditional wiring, Easywave#	Niko Home Control for traditional wiring, Zigbee®
Connected single switch	ref. 551-721x1	ref. 552-721x1
Connected double switch	ref. 551-721x2	ref. 552-721x2
Connected dimmer	ref. 551-722x1	ref. 552-722x1
Connected motor control	ref. 551-723x1	ref. 552-723x1
Connected switching socket outlet		ref. 170-33505
Wireless motion detector		ref. 552-80401
Smart plug		ref. 552-80699
Wireless smart hub	ref. 552-00001	ref. 552-00001

In 2019, Niko has extended the Niko Home Control portfolio with a range of products that you can use to install Niko Home Control in any home. Even in homes with traditional wiring. This makes Niko Home Control suitable for any customer, whether they choose the flexibility of bus wiring or a renovation where the wiring needs to be left untouched. With Niko, you can offer a smart solution to suit every project and every budget.

You can easily program Niko Home Control for traditional wiring with the trusted and user-friendly programming software. Control your installation with the **existing and intuitive Niko Home app**.

What about our devices such as the touchscreen and the external video unit that you connect via Ethernet? These can be connected without any problems. In addition, for traditional wiring, Niko Home Control is **compatible with wireless systems from our partner brands**.



Wireless smart hub

With the wireless smart hub, you can synchronise all the controls in the home. Connected single and double switches, connected dimmers, Digital black, etc. Using the programming software, you can configure these easily. You connect the wireless smart hub to the home network using a network cable or the wifi network. Starting July 2020, Niko adds to every wireless smart hub an RJ12 cable.



Get the most out of solar panels

More and more countries and regions are introducing a **smart meter** to measure electricity, gas and water. With the new digital energy meter, it is highly beneficial to align the home's energy consumption to that of its solar panel's production. Niko Home Control helps to do exactly that.

Ideal for solar panel owners

Niko has a solution that helps use solar energy as efficiently as possible. By aligning the home's energy consumption and its solar production to each other, and by allowing the home owner to program his energy use and sending him alerts when something is out of the ordinary, he can significantly improve the self-consumption.

Niko offers a solution to use the home's own solar energy as efficiently as possible:

- align the energy consumption to the solar panel's production
- get insights in gas and electricity consumption and production
- get alerts when something is out of the ordinary

Get your energy flow under control

A number of home appliances use a great deal of energy: the boiler, the washing machine, the dryer, the dishwasher, even the heating, ventilation or air conditioning systems. It's why you'll want to use energy when it's available – and free!

Now you program these appliances to mainly work when the sun is shining. The advantage? The most sustainable and cheapest energy is the energy you are producing yourself with your own solar panels.

You stay in control

Your Niko Home Control system informs you when your solar panel produce energy - and reacts exactly the way you have programmed it to. Are you not happy with the current routines?

Just change them yourself, without an electrical installer. Is there no sunshine expected all week? You decide how your system should handle this: either postpone the action or use your provider's electricity.

Connecting Niko Home Control to the smart meter

To make sure the connection between the smart meter and the Niko Home Control traditional wiring system is easy, Niko adds to every wireless smart hub an RJ12 cable. This cable will be a part of every wireless smart hub product starting July 2020. At this moment Niko Home Control will be compatible with the digital meter in the Netherlands and Belgium.



Digital black, connected customisable control screen, 230 V

Do you want to see which functions or moods you can control with which switches? Would you like an additional control screen? Are you renovating a room and looking to add, group or replace controls?

The solution for this is the Digital black, an intuitive control screen the same size as a switch. In combination with the wireless smart hub (ref. 552-00001), you can control up to 12 different functions or devices in the Niko Home Control installation: lights on/off, dimming, motor control, ventilation control, music, moods, etc.

Do you have a connection to a smart heating installation from one of our partner brands? Then you can easily set the temperature using the Digital black. The Digital black is pure Niko design and integrates seamlessly into every home.

- With one press on the control screen, the user can switch the functions on and off.
- In the accompanying Niko Home app, they can change, add and organise functions, and choose how to navigate through them.
- Users configure the screen themselves and don't need an installer to modify the basic configuration.
- They can add new functions without having to change the wiring or the device. For example, users can choose which controls they want and where, even after the construction work is done and the electrical installation has been fitted.

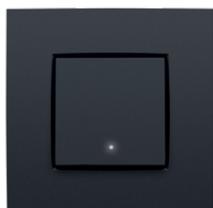
In the Digital black for traditional wiring, there is a relay. This means that in a three-wire installation, you replace a single switch. In an electrical circuit with multiple control points, it is sufficient to replace all intermediate and two-way switches with N.O. push buttons (ref. 170-000xx). Nothing else needs to be changed with the wiring. The user can **manually control the screen immediately after the installation, without additional configuration.**



Connected single or double switch

The connected single or double switches **can replace any switch in a 3-wire installation.** You can control them from several locations using push button extensions (ref. 170-000xx).

You can **manually control the switch immediately after the installation without additional configuration.** With the double switch, you can control two different light circuits. It has extensions for both circuits. Would you like to control functions such as moods and all-off? Then you only need to add a wireless smart hub (ref. 552-00001) to the installation.



Connected dimmer

The connected dimmer can replace any 2 or 3-wire switch. Using extensions for push buttons (ref. 170-000xx), you can control it from several locations. After installation, the user can **immediately control it manually:** just select the dimming profile and the minimum dimming level and they're ready to go! With the connected dimmer, you can not only dim lamps, but also switch them on and off. Would you like to control functions such as moods with the dimmer? That's possible, with a wireless smart hub (ref. 552-00001) which you add to the installation.



Connected motor control

The connected motor control directly controls 230 V motors (roll-down shutters, garage doors, sun blinds, etc.). In combination with the wireless smart hub, you immediately have the possibility to integrate functions such as moods.



Connected switching socket outlet

The connected socket outlet can be used in combination with the wireless smart hub (ref. 552-00001) and the Niko Home Control programming software. **Switch the socket outlet on and off with a smartphone** via the Niko Home app. In the app, you can also see the current and recent energy consumption of the devices that are powered by this connected switching socket outlet. Would you like more comfort and safety? In that case, you can connect the socket outlet to, for example, the all-off button, moods and calendar schedules, consumption notifications on the smartphone, etc.

The connected socket outlet contains a built-in switch. This means you can **manually control the socket outlet immediately after the installation, without additional configuration.**



Smart plug, Zigbee®

The smart plug can be used in combination with the wireless smart hub (ref. 552-00001) and the Niko Home Control programming software and Niko Home app. **Switch the smart plug on and off with a smartphone via the Niko Home app.** In the app, you can also see the current and recent energy consumption of the devices that are powered by this smart plug. Would you like more comfort and safety? In that case, you can connect the smart plug to, for example, the all-off button, moods and calendar schedules, consumption notifications on the smartphone, etc.



Wireless motion detector

The wireless motion detector controls one or more contacts or connected devices (switches, dimmers, etc.). Place it anywhere you like. It is powered by batteries and you use it in combination with the wireless smart hub (ref. 552-00001).



The Niko Home Control energy starter kit

The Niko Home Control Energy starter kit is a plug-and-play package that will make your home smarter and more efficient. This easy-to-install package will provide you with detailed insights into your electricity and gas consumption, as well as the production and consumption of energy from your solar panels. And thanks to the smart plugs' solar mode function, you'll also be able to use more of your own home-generated solar energy. If and when the system detects over production, the smart plugs will automatically turn themselves on.

What do you need to use the package and the functions?

The only thing you need is a smart meter*. Use the P1 cable supplied with the kit to connect the wireless smart hub to your smart meter. As soon as the connection has been established, you'll see that you can use all the various functions.

Insights into your energy consumption

The Niko Home app — which you can find in the app stores — will provide you with insights into the gas and electricity consumption of your home and your individual appliances. You'll be able to access up-to-date and real-time information about your consumption in the past hour, days, weeks, months or years. This should help you better understand which appliances are major consumers of power in your home, and so help you reduce your energy bill.



24/7 monitoring of your home and appliances

Smart energy alerts will automatically notify you in the event of any exceptionally high energy consumption moments, for example if you inadvertently left the door of your fridge or freezer open.

Increase the consumption of your home-generated energy

The cessation of the reverse counter now makes it more important than ever that you use as much of your home-generated solar energy as possible. You can set up smart energy alerts when you are injecting energy into the grid. If you are at home, you can switch on your appliances at that time, but if you are away, you can rely on the smart plugs' solar mode to automatically switch appliances on when energy is freely available. If you have a compatible heating system, you can also use the solar mode to boost your boiler temperature or increase your floor heating temperature when solar energy is available.

Measure your solar energy output and self-consumption

If you have a compatible SMA Sunny Boy or Sunny Tripower inverter (see compatibility list), then you can view your production and self-consumption via the same app. This will let you see how much energy your solar panels have generated and how much more you can increase your self-consumption.

Scare off burglars

Not only will your home be more energy efficient thanks to Niko Home Control, it will also be safer. With Niko Home Control's presence simulation, your lights connected to the smart plugs will turn on and off irregularly — and automatically — when you are not at home. This should scare off any would-be burglars and your home and possessions will be safe when you are not there.

Turn everything off with the push of a button

Do you sometimes leave electric appliances on when you leave home? You can easily turn them off with the push of a button on the Niko Home app, and make standby consumption a thing of the past.

Endlessly extensible

This Niko Home Control Energy starter kit is just the first step to a fully smart home. For alongside the smart plugs, you can also add Niko Home Control socket outlets, switches, dimmers, motor controls, displays and motion sensors. You'll also be happy to hear they all work through the same wireless smart hub as included in the starter kit.

Starter kit functions

- All-off: turn off all your appliances with the push of a button
- Presence simulation: scare off burglars by activating your lighting at irregular intervals when you are not at home
- Solar mode: activate your appliances automatically when your solar panels are producing more energy than your home is using
- Panic function: activate all your lights with the push of a button
- Scenes: create the right atmosphere at home at the push of a button
- Schedule: the smart plugs will turn on and off automatically at predefined times or at sunrise and sunset



What is included in the energy starter kit?

Niko Home Control energy starter kit with three smart plugs, side earthing, Zigbee® (ref. 552-99098):

- 1 x Niko Home Control wireless smart hub
- 3 x smart plug with side earthing, Zigbee®
- 1 x 5V micro USB power adapter
- 1 x Ethernet cable (2 metres)
- 1 x P1 cable (2 metres)



Niko Home Control energy starter kit with three smart plugs, pin earthing, Zigbee® (ref. 552-99099):

- 1 x Niko Home Control wireless smart hub
- 3 x smart plug with pin earthing, Zigbee®
- 1 x 5V micro USB power adapter
- 1 x Ethernet cable (2 metres)
- 1 x P1 cable (2 metres)

Compatibility

Niko's starter kit energy is compatible with a range of other equipment. You'll find a list of compatible partner brands per theme here below.

Solar inverters

SMA Sunny Boy

- SB1.5-1VL-40
- SB2.0-1VL-40
- SB2.5-1VL-40
- SB6.0-1AV-41
- SB6.0-1AV-40
- SB5.0-1AV-41
- SB5.0-1AV-40
- SB4.0-1AV-41
- SB4.0-1AV-40
- SB3.6-1AV-41
- SB3.6-1AV-40
- SB3.0-1AV-41
- SB3.0-1AV-40

SMA Sunny Tripower

- STP10.0-3AV-40
- STP8.0-3AV-40
- STP6.0-3AV-40
- STP5.0-3AV-40
- STP4.0-3AV-40
- STP3.0-3AV-40

Heating / cooling

Vaillant

- vSMART
- eRELAX

Bulex

- Migo thermostat

Saunier Duval

- Migo thermostat

NIBE

- Uplink

Mitsubishi Electric

- MELCloud

DAIKIN

- Daikin Altherma air to water heat pump
- Daikin residential air to air heat pump system (split/multi-split air conditioning system)
- Daikin Altherma gas boiler

Ventilation

Renson

- Healthbox 3

Duco

- Ducobox Eco
- Ducobox Silent Connect
- Ducobox Energy

NIBE

- Uplink

Voice control

Google Assistant

Amazon Alexa

Music

Sonos

- all Sonos models

Bose

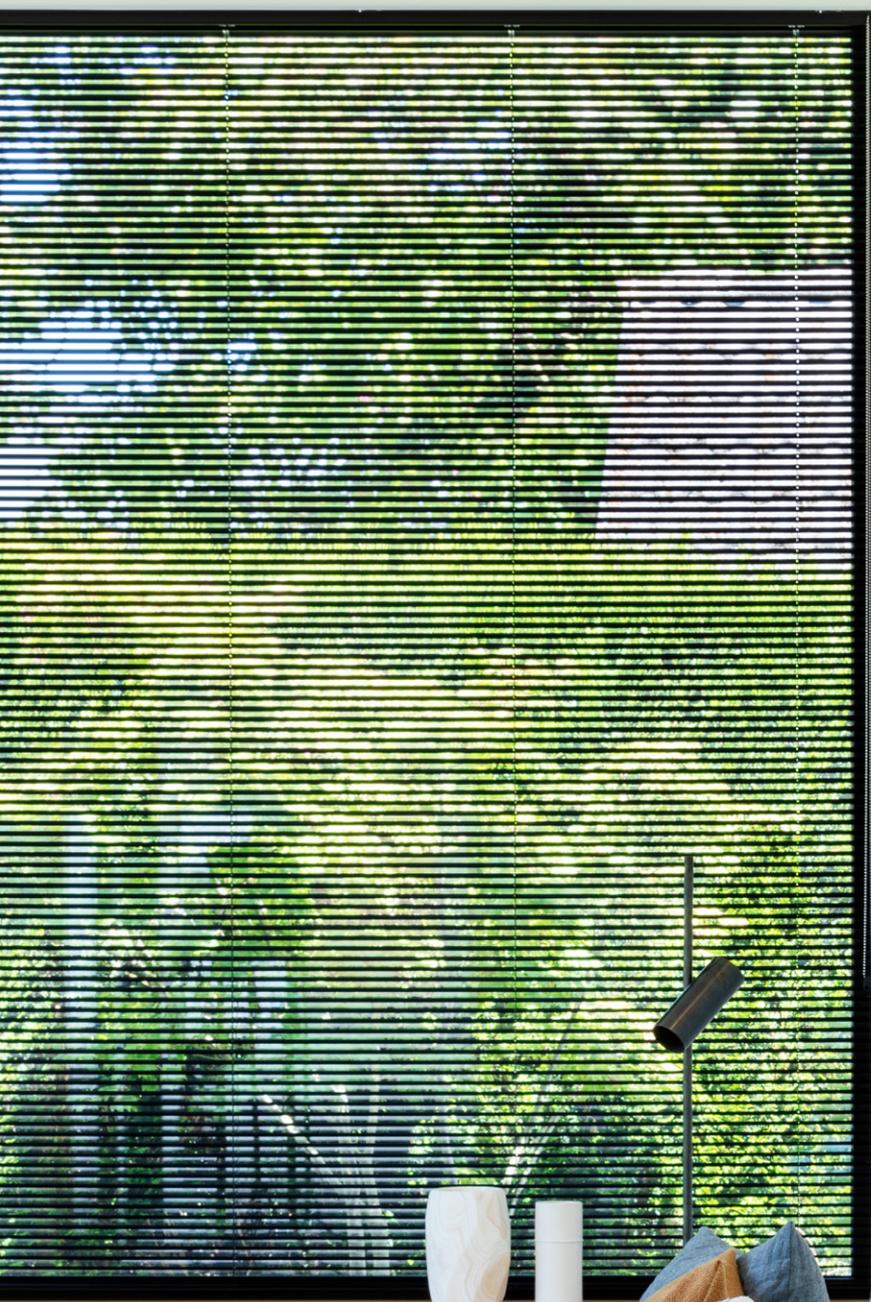
- Soundtouch

Check out the latest list of partner brands compatible with Niko Home Control at www.niko.eu/partners

Overview portfolio Niko Home Control for traditional wiring

Ref.	Description	Available as from
552-00001	Wireless smart hub for Niko Home Control with incl. RJ12 cable to connect to smart meter	juli 2019 juli 2020
551-18000	Digital black, connected customisable control screen, 230 V, claw fixing	July 2020
551-18001	Digital black, connected customisable control screen, 230 V, screw fixing	July 2020
551-72101	Connected single switch, 10 A, 60 x 71 mm, claw fixing	July 2019
551-72111	Connected single switch, 10 A, 71 x 71 mm, screw fixing	July 2019
551-72121	Connected single switch, 10 A, 60 x 71 mm, screw fixing	July 2019
551-72102	Connected double switch, 2 x 10 A (total max. 16 A), 60 x 71 mm, claw fixing	July 2019
551-72112	Connected double switch, 2 x 10 A (total max. 16 A), 71 x 71 mm, screw fixing	July 2019
551-72121	Connected double switch, 2 x 10 A (total max. 16 A), 60 x 71 mm, screw fixing	July 2019
551-72201	Connected dimmer, 3 - 200 W, 2-wire, 60 x 71 mm, claw fixing	July 2019
551-72212	Connected dimmer, 3 - 200 W, 2-wire, 71 x 71 mm, screw fixing	July 2019
551-72222	Connected dimmer, 3 - 200 W, 2-wire, 60 x 71 mm, screw fixing	July 2019
551-72301	Connected motor control, 2 x 3 A, 60 x 71 mm, claw fixing	July 2019
551-72311	Connected motor control, 2 x 3 A, 71 x 71 mm, screw fixing	July 2019
551-72321	Connected motor control, 2 x 3 A, 60 x 71 mm, screw fixing	July 2019
552-72101	Connected single switch, Zigbee®, 10 A, 60 x 71 mm, claw fixing	1st quarter 2022
552-72111	Connected single switch, Zigbee®, 10 A, 71 x 71 mm, screw fixing	1st quarter 2022
552-72121	Connected single switch, Zigbee®, 10 A, 60 x 71 mm, screw fixing	1st quarter 2022
552-72102	Connected double switch, Zigbee®, 2 x 10 A (total max. 16 A), 60 x 70 mm, claw fixing	1st quarter 2022
552-72112	Connected double switch, Zigbee®, 2 x 10 A (total max. 16 A), 71 x 71 mm, screw fixing	1st quarter 2022
552-72121	Connected double switch, Zigbee®, 2 x 10 A (total max. 16 A), 60 x 71 mm, screw fixing	1st quarter 2022
552-72201	Connected dimmer, Zigbee®, 3 - 200 W, 2-wire, 60 x 71 mm, claw fixing	1st quarter 2022
552-72212	Connected dimmer, Zigbee®, 3 - 200 W, 2-wire, 71 x 71 mm, screw fixing	1st quarter 2022
552-72222	Connected dimmer, Zigbee®, 3 - 200 W, 2-wire, 60 x 71 mm, screw fixing	1st quarter 2022
552-72301	Connected motor control, Zigbee®, 2 x 3 A, 60 x 71 mm, claw fixing	1st quarter 2022
552-72311	Connected motor control, Zigbee®, 2 x 3 A, 71 x 71 mm, screw fixing	1st quarter 2022
552-72321	Connected motor control, Zigbee®, 2 x 3 A, 60 x 71 mm, screw fixing	1st quarter 2022
xxx-31002	Finishing set for connected single switch or connected dimmer	July 2019
xxx-32002	Finishing set with lens for connected single switch or connected dimmer	July 2019
xxx-32902	Finishing set with lens for connected single switch, symbol "leave home"	April 2020

Ref.	Description	Available as from
xxx-31004	Finishing set for connected double switch	July 2019
xxx-32004	Finishing set with lens for connected double switch	July 2019
xxx-31006	Finishing set for connected motor control	July 2019
xxx-32006	Finishing set with lens for connected motor control	July 2019
552-80401	Wireless motion detector, Zigbee®	July 2019
170-33505	Connected switching socket outlet for Niko Home Control with pin earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 60 x 71 mm, claw fixing	July 2020
170-33605	Connected switching socket outlet for Niko Home Control with pin earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 60 x 71 mm, screw fixing	July 2020
xxx-66630	Finishing set for connected switching socket outlet with pin earthing and switching button	July 2020
170-34605	Connected switching socket outlet for Niko Home Control with side earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 71 x 71 mm, screw fixing	3rd quarter 2021
xxx-66930	Finishing set for connected switching socket outlet with side earthing and switching button	3rd quarter 2021
552-80698	Smart plug with side earthing, Zigbee®	November 2020
552-80699	Smart plug with pin earthing, Zigbee®	November 2020
552-99098	Niko Home Control energy starter kit with three smart plugs, side earthing, Zigbee®	May 2021
552-99099	Niko Home Control energy starter kit with three smart plugs, pin earthing, Zigbee®	May 2021



Niko Home Control for bus wiring



Digital black, connected customisable control screen, 24 V

Do you want to see which functions or moods you can control with which switches? Would you like an additional control screen? Then the Digital black is the solution. The Digital black is an intuitive control screen the size of a switch, which you can use to control up to 12 connected functions or devices in a Niko Home Control installation: lights on/off, dimming, motor control, ventilation control, music, moods, etc. As this Digital black 24 V variant is equipped with a temperature sensor and algorithm, it can be programmed as a zone-thermostat when linked to a Niko Home Control heating/cooling module (ref. 550-00150) or switching module (ref. 550-00103 or 550-00106) programmed for electrical heating. When the Digital black is used as a thermostat, you define the set points and week programs in the Niko Home app.

The switch is pure Niko design and integrates seamlessly into every home. Thanks to the proximity sensor, the screen automatically lights up when your hand gets close to the intuitive control screen. That way, control is even faster.

- With one press on the control screen, the user can switch the functions or moods on and off.
- Does the user want to modify the functions, rearrange the controls or even choose a different way of navigating? Then they can easily personalise the Digital black themselves with their smartphone via the Niko Home app, without having to modify the basic configuration and without having to call on your help.
- They can add new functions without having to change the wiring or the device. For example, users can choose which controls they want and where, even after the construction work is done and the electrical installation has been fitted.



USB RF interface

The USB RF interface makes it possible to use Niko wireless Easywave controls (with the exception of the remote control ref. 05-312) in the Niko Home Control installation for bus wiring. This allows wireless controls to be installed:

- on surfaces unsuited to wiring (e.g. glass or concrete partitions)
- for the renovation of heritage-listed buildings
- for expansions of existing installations where drilling or channelling work is not permitted
- in office areas with movable partition walls
- when complex wiring is to be avoided.

The interface is shaped like a USB stick and can be connected to the extension cable (3 m) provided, with the connected controller in the electrical cabinet. The end of the extension cable is fitted with an assembly ring allowing the antennae to be attached to the outside of the electrical cabinet for optimal reception.





DALI-2 modules for Niko Home Control

DALI-2 addressable module, 2 channels

The DALI-2 fully addressable 2-channel interface module allows up to 128 DALI endpoints to be connected to a Niko Home Control installation. Addressing and programming of the DALI devices is done from within the Niko Home Control programming software, and no prior DALI knowledge is required. Each of the DALI endpoints can be configured and controlled separately, without the need to use any other DALI software or interface. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.

- Sliding contact to connect the module to the following module on the DIN rail
- Input voltage: 230 Vac \pm 10 %, 50 Hz
- Wire capacity: 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm² per connection terminal
- Maximum standby consumption: 1,9 W
- DIN dimensions: DIN 4TE
- Dimensions (HxWxD): 90 x 70 x 67 mm



DALI-2 broadcast module, 2 channels

The DALI-2 2-channel broadcast interface module drives two DALI bus channels concurrently. The two channels are exposed as dimmable light sources in Niko Home Control without the need for any additional configuration or use of DALI programming software. All DALI endpoints will simultaneously react to a Niko Home Control command, meaning that up to 64 endpoints per channel will act as a single dimmable light circuit. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.

- Sliding contact to connect the module to the following module on the DIN rail
- Input voltage: 230 Vac \pm 10 %, 50 Hz
- Wire capacity: 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm² per connection terminal
- Maximum standby consumption: 1,9 W
- DIN dimensions: DIN 4TE
- Dimensions (HxWxD): 90 x 70 x 67 mm



Wall-mounted printed circuit boards for Niko Home Control

Simple wall-mounted printed circuit boards with base

The wall-mounted printed circuit board for Niko Home Control forms the connection between the control and the installation and is mounted on an existing flush-mounting box or on an uneven wall. Several wall-mounted printed circuit boards can be clicked together using their metal bridge and/or can be combined with any other Niko flush-mounting mechanism.



These products replace the simple wall-mounted printed circuit board with base for Niko Home Control circuit board (ref. 550-14115) that was only available with base, 60 x 71 mm, claw fixing. The product design was updated, but no technical changes have been made.





Overview new products

Ref.	Description	Available as from
550-18000	Digital black, connected customisable control screen, 24 V, claw fixing	June 2020
550-18001	Digital black, connected customisable control screen, 24 V, screw fixing	June 2020
410-00099	USB RF interface for Niko Home Control	May 2020
550-00370	DALI-2 addressable module, 2 channels	February 2021
550-00371	DALI-2 broadcast module, 2 channels	February 2021
550-14106	Simple wall-mounted printed circuit board for Niko Home Control with base, 60 x 71 mm, claw fixing	March 2021
550-14107	Simple wall-mounted printed circuit board for Niko Home Control with base, 71 x 71 mm, claw fixing	March 2021
550-14116	Simple wall-mounted printed circuit board for Niko Home Control with base, 60 x 71 mm, screw fixing	March 2021
550-14117	Simple wall-mounted printed circuit board for Niko Home Control with base, 71 x 71 mm, screw fixing	March 2021



Switching material and socket outlets



Connected switching socket outlet

You install the connected socket outlet in the same way as a traditional socket outlet. You can switch it on and off with a button. A light shows you if the socket outlet is on or off, and if it is receiving too much current (more than 16 A for longer than 7 seconds).



Double smart USB-A and USB-C charger

With its charging capacity of 3.5 A, the smart USB charger is the **most powerful USB charger for flush-mounting** on the market. There will soon be a variant with a type A and type C connection. This means you can charge **any mobile device** without an adaptor. Even with **2 at the same time**.

Available from June 2019:

- Smart USB charger with type A and type C connection (ref. 420-00512).
- Finishing set for smart USB charger with type A and type C connection (ref. xxx-68002), in all Niko colours.



Niko Intense matt black & Niko Pure liquid black

Black. A timeless and elegant trend. Discover our two new finishes **Niko Intense matt black** (ref. 130-xxxxx) and **Niko Pure liquid black** (ref. 242-xxxxx). Add these new finishes to your demo suitcase and inspire your customers with a design perfectly suited to their interior.



A matt black switch which is affordable without sacrificing style?

Niko Intense matt black (ref. 130-xxxxx) has a finish as dark as the night and is also the darkest shade within the product range. This design is characterised by a deep black colour and a stylish matt texture. Elegant and timeless, but chiefly versatile.

For the switch button or the interior workings of the socket outlet, Niko design recommends a finishing set in the colour **black coated** (ref. 161-xxxxx).

A contemporary switch for an innovatively designed home?

It's difficult not to get lost in the hypnotic **Niko Pure liquid black** finish (ref. 242-xxxxx). The endless deep black lustre of this contemporary switch with a cool look is at its best in a sleek home full of technological gadgets.

For the switch button or the interior workings of the socket outlet, Niko design recommends a finishing set in the colour **Bakelite®-look piano black coated** (ref. 200-xxxxx).

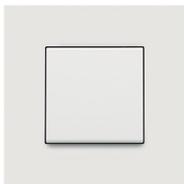


Double socket outlet

Double socket outlet with side earthing and shutters, vertical

The double socket outlet has always been a great solution to add two socket outlet to your installation when you have only one flush-mounting box available and drilling and channelling is out of the question. The new, upgraded design makes it now even more attractive to install this practical double socket outlet.

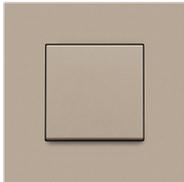
The package of this socket outlet includes the mechanism, an integrated central plate and the faceplate. Available in white (ref. 101-67865) and cream (ref. 100-67865).



Name change of steel faceplates

To ensure consistency in the naming of our finishings, these finishings will receive a new name:

- Niko Pure white steel (ref. 154-76xxx) becomes **Niko Pure steel white**
- Niko Pure champagne steel (ref. 157-76xxx) becomes **Niko Pure steel champagne**
- Niko Pure black steel (ref. 161-76xxx) becomes **Niko Pure steel black**



In the finishing sets, one change is done for length reasons:

- Bakelite®-look piano black coated (ref. 200-xxxxx) becomes **piano black coated**





Overview new products

Ref.	Description	Available as from
170-33505	Connected switching socket outlet for Niko Home Control with pin earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 60 x 71 mm, claw fixing	June 2020
170-33605	Connected switching socket outlet for Niko Home Control with pin earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 60 x 71 mm, screw fixing	June 2020
xxx-66630	Finishing set for connected switching socket outlet with pin earthing and switching button	June 2020
170-34605	Connected switching socket outlet for Niko Home Control with side earthing and safety shutters, Zigbee®, 16 A, plug-in terminals, 71 x 71 mm, screw fixing	2021*
xxx-66930	Finishing set for connected switching socket outlet with side earthing and switching button	2021*
130-76100	Single flush surround plate Niko Intense matt black	February 2020
130-76200	Double flush surround plate Niko Intense matt black, vertical, 60 mm centre-to-centre distance	February 2020
130-76800	Double flush surround plate Niko Intense matt black, horizontal, 71 mm centre-to-centre distance	February 2020
130-76300	Triple flush surround plate Niko Intense matt black, vertical, 60 mm centre-to-centre distance	February 2020
130-76700	Triple flush surround plate Niko Intense matt black, horizontal, 71 mm centre-to-centre distance	February 2020
130-76400	Quadruple flush surround plate Niko Intense matt black, horizontal, 71 mm centre-to-centre distance	February 2020
130-76005	Quintuple flush surround plate Niko Intense matt black, horizontal, 71 mm centre-to-centre distance	February 2020

* Available in 2021. This product is still in development. The technical specifications could be subject to change. Currently missing technical documents will be added to the product page on our website as soon as they are ready.

Ref.	Description	Available as from
242-76100	Single flush surround plate Niko Pure liquid black	June 2020
242-76200	Double flush surround plate Niko Pure liquid black, vertical, 60 mm centre-to-centre distance	June 2020
242-76800	Double flush surround plate Niko Pure liquid black, horizontal, 71 mm centre-to-centre distance	June 2020
242-76300	Triple flush surround plate Niko Pure liquid black, vertical, 60 mm centre-to-centre distance	June 2020
242-76700	Triple flush surround plate Niko Pure liquid black, horizontal, 71 mm centre-to-centre distance	June 2020
242-76400	Quadruple flush surround plate Niko Pure liquid black, horizontal, 71 mm centre-to-centre distance	June 2020
242-76005	Quintuple flush surround plate Niko Pure liquid black, horizontal, 71 mm centre-to-centre distance	June 2020
100-67865	Double socket outlet with side earthing and safety shutters, vertical, complete unit with plug-in terminals, for screw fixing, cream	December 2020
101-67865	Double socket outlet with side earthing and safety shutters, vertical, complete unit with plug-in terminals, for screw fixing, white	December 2020



Niko Hydro garden posts



Install up to 3 Niko Hydro functions anywhere you want

Niko's vast portfolio of waterproof switches and socket outlets is now extended with grey, black and white garden posts.

The new garden posts allow you to install every Niko Hydro function in the garden, even if you don't have a wall available. You attach the garden posts on soft surfaces (like grass or flower beds) with a pin in the ground. On hard surfaces (such as driveways or the patio) you attach the garden post using a base plate.



The Niko Hydro garden posts allow you to install up to three Niko Hydro functions anywhere you want. They are available in every Niko Hydro colour: grey, black and white.

Ref.	Description	Available as from
701-36810	Splashproof garden post with spike for a single Niko Hydro function, white	March 2021
761-36810	Splashproof garden post with spike for a single Niko Hydro function, black	March 2021
700-36810	Splashproof garden post with spike for a single Niko Hydro function, grey	March 2021
701-36910	Splashproof garden post with baseplate for a single Niko Hydro function, white	March 2021
761-36910	Splashproof garden post with baseplate for a single Niko Hydro function, black	March 2021
700-36910	Splashproof garden post with baseplate for a single Niko Hydro function, grey	March 2021
701-36815	Splashproof garden post with single socket outlet, side earthing and spike, white	March 2021
761-36815	Splashproof garden post with single socket outlet, side earthing and spike, black	March 2021
700-36815	Splashproof garden post with single socket outlet, side earthing and spike, grey	March 2021
701-36915	Splashproof garden post with single socket outlet, side earthing and baseplate, white	March 2021
761-36915	Splashproof garden post with single socket outlet, side earthing and baseplate, black	March 2021

Ref.	Description	Available as from
700-36915	Splashproof garden post with single socket outlet, side earthing and baseplate, grey	March 2021
701-36615	Splashproof garden post with single socket outlet, pin earthing and spike, white	March 2021
761-36615	Splashproof garden post with single socket outlet, pin earthing and spike, black	March 2021
700-36615	Splashproof garden post with single socket outlet, pin earthing and spike, grey	March 2021
701-36715	Splashproof garden post with single socket outlet, pin earthing and baseplate, white	March 2021
761-36715	Splashproof garden post with single socket outlet, pin earthing and baseplate, black	March 2021
700-36715	Splashproof garden post with single socket outlet, pin earthing and baseplate, grey	March 2021
701-36820	Splashproof garden post with spike for two Niko Hydro functions, white	March 2021
761-36820	Splashproof garden post with spike for two Niko Hydro functions, black	March 2021
700-36820	Splashproof garden post with spike for two Niko Hydro functions, grey	March 2021
701-36920	Splashproof garden post with baseplate for two Niko Hydro functions, white	March 2021
761-36920	Splashproof garden post with baseplate for two Niko Hydro functions, black	March 2021
700-36920	Splashproof garden post with baseplate for two Niko Hydro functions, grey	March 2021
701-36825	Splashproof garden post with double socket outlet, side earthing and spike, white	March 2021
761-36825	Splashproof garden post with double socket outlet, side earthing and spike, black	March 2021
700-36825	Splashproof garden post with double socket outlet, side earthing and spike, grey	March 2021
701-36925	Splashproof garden post with double socket outlet, side earthing and baseplate, white	March 2021

Ref.	Description	Available as from
761-36925	Splashproof garden post with double socket outlet, side earthing and baseplate, black	March 2021
700-36925	Splashproof garden post with double socket outlet, side earthing and baseplate, grey	March 2021
701-36625	Splashproof garden post with double socket outlet, pin earthing and spike, white	March 2021
761-36625	Splashproof garden post with double socket outlet, pin earthing and spike, black	March 2021
700-36625	Splashproof garden post with double socket outlet, pin earthing and spike, grey	March 2021
701-36725	Splashproof garden post with double socket outlet, pin earthing and baseplate, white	March 2021
761-36725	Splashproof garden post with double socket outlet, pin earthing and baseplate, black	March 2021
700-36725	Splashproof garden post with double socket outlet, pin earthing and baseplate, grey	March 2021
701-36830	Splashproof garden post with spike for three Niko Hydro functions, white	March 2021
761-36830	Splashproof garden post with spike for three Niko Hydro functions, black	March 2021
700-36830	Splashproof garden post with spike for three Niko Hydro functions, grey	March 2021
701-36930	Splashproof garden post with baseplate for three Niko Hydro functions, white	March 2021
761-36930	Splashproof garden post with baseplate for three Niko Hydro functions, black	March 2021
700-36930	Splashproof garden post with baseplate for three Niko Hydro functions, grey	March 2021
701-36835	Splashproof garden post with three-fold socket outlet, side earthing and spike, white	March 2021
761-36835	Splashproof garden post with three-fold socket outlet, side earthing and spike, black	March 2021
700-36835	Splashproof garden post with three-fold socket outlet, side earthing and spike, grey	March 2021

Ref.	Description	Available as from
701-36935	Splashproof garden post, with three-fold socket outlet, side earthing and baseplate, white	March 2021
761-36935	Splashproof garden post, with three-fold socket outlet, side earthing and baseplate, black	March 2021
700-36935	Splashproof garden post, with three-fold socket outlet, side earthing and baseplate, grey	March 2021
701-36635	Splashproof garden post with three-fold socket outlet, pin earthing and spike, white	March 2021
761-36635	Splashproof garden post with three-fold socket outlet, pin earthing and spike, black	March 2021
700-36635	Splashproof garden post with three-fold socket outlet, pin earthing and spike, grey	March 2021
701-36735	Splashproof garden post with three-fold socket outlet, pin earthing and baseplate, white	March 2021
761-36735	Splashproof garden post with three-fold socket outlet, pin earthing and baseplate, black	March 2021
700-36735	Splashproof garden post with three-fold socket outlet, pin earthing and baseplate, grey	March 2021



Waterproof functions for every situation



Waterjetproof key switches 10 A and 16 A

Does the user wish to control his **garage door, access doors, roll-down shutters, fences, screens or a socket outlet outdoors?** This is now possible thanks to the waterjetproof key switch 10 A (already available) or 16 A (new). With a simple twist, you turn the power supply on and off. Like all products in the Niko Hydro range, the key switch is available in **grey, black and white**.

The waterjetproof key switch 16 A is **available from April 2019**. Waterjetproof key switch, 16 A, with screw terminals, in grey (700-38800), white (701-38800) and black (761-38800).



Waterjetproof bicycle charging point 16 A

Electric bikes have been on the rise in recent years: more and more people use their bike to get to work. As such, Niko is launching the **Niko Hydro bicycle charging point** in 3 colours (grey, black and white). **Ideal for:**

- **Apartment buildings** where each flat has its own charging point, especially in combination with the waterjetproof key switch 16 A.
- **Office buildings** of companies who encourage their staff to come to work by electric bike.
- **Schools**, where we see more and more electric bikes and bike racks.
- **Public and commercial facilities** who want to offer their visitors or customers a charging point (stations, hotels, restaurants, supermarkets, etc.).

Thanks to the **green cover with a bicycle logo**, cyclists can quickly see where they can charge their bikes. The Niko Hydro bicycle charging point is high quality and easy to install. It is compatible with every Niko Hydro surface-mounting box and flush-mounting box, in any colour (**grey, black or white**).

Overview new products

Ref.	Description	Available as from
700-36870	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in grey	December 2018
761-36870	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in black	December 2018
701-36870	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in white	December 2018
700-36875	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in grey	December 2018
761-36875	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in black	December 2018
701-36875	Waterjetproof bicycle charging point 16 A/250V AC with side earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in white	December 2018
700-36670	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in grey	December 2018
761-36670	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in black	December 2018
701-36670	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and screw terminals, excl. surface-mounting box or flush-mounting frame, in white	December 2018
700-36675	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in grey	December 2018
761-36675	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in black	December 2018
701-36675	Waterjetproof bicycle charging point 16 A/250V AC with pin earthing and plug-in terminals, excl. surface-mounting box or flush-mounting frame, in white	December 2018



Lighting and lighting control

Wireless controls for Bluetooth®, EnOcean® or KNX® based lighting solutions



Niko dimmer switch, Bluetooth®

With this wireless and battery-free dimmer switch in Niko design (ref. 360-21001), you can remotely operate Bluetooth® low energy 2,4 GHz wireless receivers that are located in the same room. Examples are smart luminaires with integrated Bluetooth® technology, such as **Casambi®** enabled systems or **Xicato®** lighting solutions. No wall breaking or cable installation is needed.

Configure the dimmer switch buttons with the respective smart luminaire app or PC software (e.g. Casambi®, Xicato®, Sylsmart®,..). Up to four buttons can be configured.

The dimmer switch can be mounted into a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive strips (included). The finishing set (ref. xxx-00060) and the faceplate (ref. xxx-76xxx) are already available and must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.



Niko dimmer switch, EnOcean®

With this wireless and battery-free dimmer switch in Niko design (ref. 360-11001), you can remotely operate EnOcean® certified 868 MHz wireless receivers. Examples are **Niko DALI presence detectors** with an EnOcean® interface (ref. 350-41680, ref. 350-41780, ref. 350-41781) or **more than 5,000 products of the EnOcean® ecosystem**. No wall breaking or cable installation is needed.

Pairing with one or more EnOcean® receivers can be done via a special button combination on the dimmer switch, via the NFC interface or a QR code scan. The pairing procedure with a wireless receiver determines the function of each button. Up to four buttons can be configured. The onboarding process with the above mentioned Niko DALI detectors is done with the Niko detector tool app and the universal remote control for smartphone (ref. 350-41936).

The dimmer switch can be mounted into a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive tape (included). The finishing set (ref. xxx-00060) and the faceplate (ref. xxx-76xxx) are already available and must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.

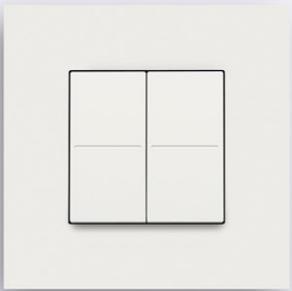


Niko dimmer switch, KNX®

This wireless and battery-free dimmer switch in Niko design (ref. 360-31001) can operate as a switch, a dimmer, a roller shutter control or a scene selector in a **KNX® system**. The Niko dimmer switch sends wireless telegrams into the air. These are captured by the KNX® wireless media coupler (ref. 360-33001) and converted to the KNX® bus. This allows you to easily extend your KNX® system without breaking walls or installing extra cables.

Configure the dimmer switch buttons with the ETS 5 software together with the **KNX® programming adapter** (ref. 360-39001). The following communication objects can be linked to the buttons: single channel, dimming and shutter control. The supported actions are: on, off, toggle, up, down, darker, brighter, scene number, send value in percentage, in angle, in 2 bits, in 8 bits. Up to six button combinations can be configured.

The dimmer switch can be mounted into a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive tape (included). The finishing set (ref. xxx-00060) and the faceplate (ref. xxx-76xxx) are already available and must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.





Always the right lighting with dimmers from Niko

Rotary dimmer for LEDs 4 - 200 W, 2-wire

People are increasingly opting for energy-efficient lighting. Niko's universal dimmers with PLC interference suppression are an ideal solution to control every type of dimmable lighting, but sometimes a simpler solution can also do the job.

Niko's new entry-level 2-wire LED dimmer is ideal for renovations and young families choosing the more energy-efficient LED lighting. It can handle a load of 4 to 200 W. Now while it doesn't have PLC interference suppression or short circuit protection, the boost function can dim lighting that needs extra power to start. And did you know it has our brilliant nursery function? Give your rotary a little flick to the right and your lights will turn on to their minimum level. It means you don't have to worry that you'll wake up the baby when you check on them.



LED compensator for 2-wire dimmers

The lighting market is increasingly transitioning towards LED lighting. Electrical installers have two major challenges when installing electrical installations with LED lighting and 2-wire dimmers:

- ghosting: even when the 2-wire dimmer is turned off, the LED lights are lighting up or are showing an afterglow
- flickering / blinking: when the dimmer is set to a particular dimming position, the LED lights start blinking

Niko has developed the LED compensator (ref. 310-05000) in order to solve these issues for the installers. The LED compensator removes both ghosting and flickering / blinking effects in 2-wire LED dimming situations. On the rare occasions when the new LED compensator does not solve these symptoms, we recommend the Niko filter (ref. 09-016-10).

Please note: the LED compensator cannot solve PLC issues. See our frequently asked questions section on our website for more information: www.niko.eu/faq.

Atmosphere and comfort in total simplicity with control of LED strips



Wireless LED control for LED strips

The RGB(W) controllers RF (ref. 340-00120) and RF + WiFi (ref. 340-00121) are replaced by a **new wireless controller RF**. You can connect several wireless wall controls to it. The existing wireless wall control for LED strips (ref. xxx-90001) will be replaced by a new **wireless wall control with 4 buttons** and clear icons:

- Switch on/off
- Memory function of favorite scenes
- Dimming
- Start colour loop

With one wireless 4-channel constant voltage controller, you can control LED strips up to 100 W (24 V) per channel. And you can connect up to 10 controllers via a wired master-secondary configuration for synchronised control of a larger number of LED strips.

Overview new products

Ref.	Description	Available as from
360-11001	Niko dimmer switch, EnOcean®	March 2021
360-21001	Niko dimmer switch, Bluetooth®	March 2021
360-31001	Niko dimmer switch, KNX®	March 2021
360-33001	Wireless media coupler, KNX®	March 2021
360-39001	Programming adapter, KNX®	March 2021
310-04900	Rotary dimmer for LEDs 4 - 200 W, 2-wire, with claw fixing	May 2019
410-00121	4-channel constant voltage controller, wireless in accordance with the Easywave protocol (RF)	March 2019
410-00002	As control the existing wireless switch with 4 control buttons in accordance with the Easywave protocol can be used. This one is finished with the new finishing set for LED control (ref. xxx-90002), available in all Niko colours.	March 2019





Access control



Two-wire external video unit

A standard doorbell can be replaced with the new digital external video unit, without major work, thanks to the connection possibilities to existing two-wire cabling. With the IP connection, you can install the system in no time at all. The camera has a high **resolution of 720p**. The **sleek and elegant design** of the metal construction fits in seamlessly with any home. The **user-friendly app** also allows you to keep control over your front door **outside the home**.

The advantages of two-wire access control:

- It can be **installed in every existing home** without major renovations, to replace a conventional doorbell.
- Up to 2 external video units and up to 5 internal video units can be connected to 1 controller.
- The compatible internal video unit offers a **razor-sharp digital image, without analogue interference or conversion**.
- With the corresponding controller, the system can easily be connected to the internet, and the video images are also available in real-time on a smartphone.
- The **user-friendly app** is available for iOS and Android.
- If the external unit is damaged or unplugged, the device starts recording images via the camera for **security purposes**.
- The **wiring of the door lock** can be connected to the **module in the cabinet** to prevent the door from being opened by external manipulation.



Internal video unit

Slim internal video unit for surface-mounting, with colour screen and buttons

This slim, surface-mounting, internal video unit with colour screen is standardly equipped with the following functions: allow a conversation with a visitor, produce a different tone for a call at an apartment door, an internal call and main door calls from two different external video units, switch lights on and off, open doors, adjust the volume, switch off the ringtone, indicate a busy signal and call signal with LEDs, transmit a control function, allow a parallel call, make an internal call, etc. The controls consist of clear, intuitive touch buttons. The communication with the visitor is hands-free. The device can be entirely programmed using the Niko configuration software for access control.

- power supply voltage: 24V DC
- input current (in standby): 0.13 mA, I(P) = 3.18 mA
- max. input current: I(Pmax) = 147 mA
- TFT screen with 8.9 cm (3.5") diagonal screen size
- screen resolution: 320 x 240 pixels, RGB
- menu languages: Dutch, French, German, English, Slovak
- configurable with the Niko configuration software for access control
- weight: 227 g
- wiring technique: 6-wire technology required
- protection degree: IP30
- finishing colour: white
- dimensions (HxWxD): 194 x 94 x 21 mm





Mr. & Mrs. Niko



Overview new products

Ref.	Description	Available as from
510-31001	Two-wire external video unit for surface-mounting with 1 bell push button	March 2019
510-50000	Compatible internal video unit	March 2019
510-21400	DIN-rail controller with integrated power supply	March 2019
510-01501	A kit with external unit, internal unit and controller	March 2019
510-01001	A kit with external unit and controller	March 2019
510-81001	Want to change the nameplate? Order the nameplate kit	March 2019
10-577	Slim internal video unit for surface-mounting, with colour screen and buttons	February 2021

Niko designs electr(on)ic solutions to enhance buildings to better suit the needs of the people who live and work in them. By using less energy, by improving light comfort and safety and by making sure all applications work together seamlessly. Buildings with Niko are more efficient, are controllable from a distance and interact within bigger ecosystems. Niko is a Belgian family business from Sint-Niklaas with 700 employees and 10 European branches.

At Niko, there is one question that keeps us busy every day: “How can we enhance buildings to better suit your needs?”

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