

# Wireless battery-powered switch, twofold, Zigbee®, excluding base

552-72012

4 year warranty

This twofold wireless battery-powered Zigbee® switch allows you to remotely control wireless Zigbee® devices. It can either be used in your Niko Home Control installation or connected to a third-party Zigbee® network as a standard dimmer switch via Find&Bind pairing. Moreover, the switch can be paired with up to eight Zigbee® receivers for stand-alone use via Touchlink. It is battery-powered with a lifetime of at least five years, based on twenty short-press actuations a day. The wireless Zigbee® switch must be mounted on a metal base (552-720X0), making it possible to install the switch on a flush-mounting box. If you want to install the twofold wireless battery-powered Zigbee® on a flat wall, order the variant with a plastic base instead (552-72002). The double key, faceplate and metal base must be ordered separately. This twofold wireless battery-powered Zigbee® switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice. For best performance, follow the installation and radio planning guidelines. The wireless battery-powered switch can be connected wirelessly to the wireless smart hub for Niko Home Control (552-00001). This device can also be used in a bus wiring installation in combination with the wireless bridge for Niko Home Control (550-00640).



## Technical data

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- Mounting method: flush-mounting box
- Maximum range (from switch to smart hub): 10 m
- Power supply: via battery 3 V DC, CR2450
- Battery lifespan: 5 years at 20 actuations/day
- Antenna: integrated antenna
- Humidity: 0 – 95 % relative humidity, non-condensing
- Maximum per installation:
  - max. 50 connected Zigbee® devices per Niko Home Control installation
  - stand-alone: max. 8 Zigbee® receivers (ON/OFF/dimming) per switch
- Ambient temperature operation: 5 °C – 30 °C
- Ambient temperature storage: 0 °C – 40 °C
- Compatible with the wireless bridge
- Number of control buttons: 2 control buttons
- Communication protocol: Zigbee® 3.0
- Maximum radio frequency power: 8 dBm
- Operating frequency: 2.4 GHz
- System compatibility: talks with Homey (Zigbee®)
- Protection degree: IP20
- Required type of flush-mounting box
  - depth: min. 40 mm (cabling space included)
  - claw/screw fixing: 60 mm

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- inner diameter box: 60 mm
- multiple boxes centre distance horizontal: 71 mm
- multiple boxes centre distance vertical: 71 mm
- multiple boxes centre distance vertical: 60 mm for Belgium and France
- Dimensions (HxWxD): 45 x 47 x 9 mm
- Weight: 17 g
- Certification marks: Zigbee Certified Product
- Marking: CE



#### Dimensions

