



**niko**  
*Illuminating ideas.*

# Checklist

What Will You Need  
In Your New Smarthome?



HAVE  
a  
Wonderful  
DAY



# Checklist for an optimal electrical installation

How many socket outlets and switches do you need? Where should they be installed? Do you want to control curtains, roll-down shutters, sun blinds, ventilation etc. electrically? And from where? These are things you need to think through carefully before you build or renovate. Switches and socket outlets, dimmers and LED strips, USB chargers, thermostats and roll-down shutter control: Niko has everything you need to equip your home.

## **Finishes for every style, including yours.**

Niko offers you switching material in 3 ranges of finishings: Niko Pure, Niko Intense and Niko Original. Each design is timeless and made from durable materials. The colours of the flush surround plates and functions can be combined to your liking. Do you want a different finish/colour in your bathroom and living room? Everything is possible. You can go for striking, subtle or even a special material.

## **Award winning Belgian quality**

For generations, Belgian brand Niko has stood for quality, offering products that are user-friendly, innovative and well designed. We are always on the look-out for intelligent solutions offering improved comfort and which are easier to use. Our product design has won several international awards. This proves that innovation, ease of use and design go together perfectly.

## **4-year warranty**

Niko stands for **top quality** - every Niko product undergoes a thorough check at each production step. That's why we offer a **4-year warranty**. On every product.

\* Products that only work with Niko Home Control are marked with an asterisk.

In this checklist we give you an idea of the number of socket outlets, switches, connections and functions you need per room. Run through this list with your architect or electrician. Or consider room per room which connections or controls you need.

## At the front door

<b>Connections</b>	<b>Number</b>
External unit intercom or videophone	
Doorbell	
Access gate	
Other	
<b>Comfort, safety and energy</b>	<b>Number</b>
Motion detector	
Other	

# Entrance hall

Socket outlets	Number
Vacuum cleaner	
Lamp	
Christmas decorations front door	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
Connections	Number
Internal unit intercom or videophone	
Doorbell	
Alarm installation	
Other	

Switches	Number
Lighting entrance hall 2 to 3 switches for a hall with 1 light circuit (e.g., 1 at the front door, 1 at the living room door, 1 at the kitchen door)	
Outdoor lighting 1 switch at the front door or motion detector	
Lighting staircase 2 switches (upstairs and downstairs) for 1 light circuit or orientation lighting	
LED lighting staircase 2 LED controls (upstairs and downstairs)	
Other	
Comfort, safety and energy	Number
Orientation lighting	
LED strips	
Motion detector	
All-off button*	
Eco display* with all-off button and presence simulation	
Touchswitch* with all-off function, presence simulation, control lighting, etc.	
Other	

# Living room

Socket outlets	Number
Media corner	
Television	
Stereo installation	
DVD player	
Gaming console	
Surround system	
Set-top box for digital television	
Wireless Internet	
Lamp	
Other	
recommended number of socket outlets (normal or connected*): 4 to 6	
Desk	<b>Number</b>
Tablet-PC	
Telephone	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
Dining table	<b>Number</b>
Equipment for festive table (fondue, grill, etc.)	
Other	
recommended number of socket outlets (normal or connected*): 2	

Sitting area	Number
Mood lighting	
Reading lamp	
Laptop	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
General	<b>Number</b>
Vacuum cleaner	
Mood lighting	
Computer	
Christmas lighting	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	

Connections	Number
Telephone	
Internal unit intercom or videophone	
Internet	
Television (HDMI or combination RJ45 UTP with coax)	
Satellite television	
Speaker	
Set-top box digital television (HDMI or combination RJ45 UTP with coax)	
Gaming console (HDMI)	
Computer (HDMI)	
Smoke detector	
Other	
Switches	Number
Lighting dining table 2 to 3 switches/dimmers for 1 or 2 light circuits	
Indirect mood lighting dining room 1 to 2 switches/dimmers for 1 light circuit	
LED lighting dining room 1 LED control	
Lighting sitting room 2 to 3 switches/dimmers for 1 or 2 light circuits	
Indirect lighting sitting room 1 to 2 switches/dimmers for 1 light circuit	
Lighting sitting room 1 LED control	
Electrically controlled roll-down shutters, blinds or sun awnings 1 or 2 switches	
Garden lighting	
Other	

Comfort, safety and energy	Number
Touchswitch*	
Touchscreen*	
Mood control*	
LED strips	
Dimmer	
Roll-down shutter control	
USB charger	
RGB mood lighting	
Thermostat	
Ventilation	
Other	

# Kitchen

Socket outlets	Number
Built-in appliances	
Cooker	
Refrigerator	
Cooker hood	
Freezer	
Dishwasher	
Oven	
Steam oven	
Other	
recommended number of socket outlets (normal or connected*): 6 to 8	
Work top	Number
Microwave oven	
Coffee machine	
Food processor	
Toasted sandwich machine	
Electric kettle	
Mixer	
Deep fryer	
Juicer	
Other	
recommended number of socket outlets (normal or connected*): 6 to 8	

Kitchen table or island	Number
Bread toaster	
Fondue or grill	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
General	Number
Vacuum cleaner	
Television	
Lamp	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
<b>Connections</b>	<b>Number</b>
Internal unit intercom or videophone	
Speaker	
Television (RJ45, coax or HDMI)	
Other	



## Storage or utility room

Switches	Number
Lighting dining table 2 switches for 1 or 2 light circuits	
Lighting work top 1 or 2 switches for 1 or 2 light circuits	
LED lighting work top 1 LED control	
Electrically controlled roll-down shutters 1 switch	
Switching off socket outlets	
Garden lighting	
Other	
Comfort, safety and energy	Number
Touchscreen*	
Mood control*	
LED strips	
Dimmers	
Roll-down shutter control	
USB charger	
Thermostat	
Other	

Socket outlets	Number
Built-in appliances	
Washing machine	
Clothes dryer	
Extra refrigerator and/or freezer	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
General	Number
Vacuum cleaner	
Iron	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
Switches	Number
Lighting storage/utility room 1 to 2 switches or a motion detector	
Outdoor lighting	
Other	
Comfort, safety and energy	Number
Motion detector	
Other	

# Garage

Socket outlets	Number
Tools	
Drill	
Saw	
Battery charger	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
Media	Number
Modem	
Switch/router	
Distribution modules	
Other	
recommended number of socket outlets (normal or connected*): 2 to 4	
General	Number
Vacuum cleaner	
Extension cord	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	

Connections	Number
central DIN rail modules media network (RJ45 and coax) number of modules is equal to the number of RJ45 connections throughout the house + the number of coax connections throughout the house	
Central distribution modules TV/ telephone/ Ethernet	
<b>Switches</b>	Number
Lighting garage 2 to 3 switches for 1 light circuit (1 next to the inside door, 1 next to each garage door)	
Lighting above work bench 1 lighting point with 1 switch	
Electric garage door 1 switch per door	
Roll-down shutters	
Garden lighting	
Other	
<b>Comfort, safety and energy</b>	Number
All on/off*	
Motion detector	
Eco display with all-off button and presence simulation	
Other	

# Office

Socket outlets	Number
Computer and peripheral equipment	
Computer	
Monitor	
Laptop power supply	
Printer	
Scanner	
Other	
recommended number of socket outlets (normal or connected*): 4 to 6	
Office	Number
Camera	
Tablet-pc	
Telephone	
Desk lamp	
recommended number of socket outlets (normal or connected*): 2 to 4	
General	Number
Mood lighting	
Vacuum cleaner	
Radio	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	

Connections	Number
Internal unit intercom or videophone	
Telephone	
Television (HDMI or combination RJ45 UTP with coax)	
Computer (HDMI)	
Screen (HDMI)	
Speaker	
Other	
Switches	Number
Lighting office 1 switch for 1 light circuit	
Library or wall cabinet lighting 1 switch for 1 light circuit	
Electrically controlled roll-down shutters, blinds or curtains 1 switch	
Other	
Comfort, safety and energy	Number
Thermostat	
Other	

## Bedroom landing

Socket outlets	Number
Vacuum cleaner	
Bedside lamp	
Other	
recommended number of socket outlets (normal or connected*): 2	
Connections	Number
Internal unit intercom or videophone	
Smoke detector	
Other	
Switches	Number
Lighting staircase 2 switches (upstairs and downstairs) for 1 light circuit or orientation lighting	
LED lighting staircase 2 controls (upstairs and downstairs)	
Lighting upstairs landing 2 to 3 switches (next to every door and next to the stairs) for 1 light circuit or with motion detector	
Stair lifts	
Other	
Comfort, safety and energy	Number
Touchswitch*	
Orientation lighting	
LED strips	
Motion detector	
Other	

## WC

Switches	Number
1 switch	
Other	
Comfort, safety and energy	Number
Motion detector	
Ventilation	
Other	

# Bathroom

Socket outlets	Number
Above the wash basin	
Hair dryer	
Electric shaver	
Electric toothbrush	
Radio	
recommended number of socket outlets (normal or connected*): 3 to 4	
General	Number
Electric auxiliary heater	
Mood lighting	
Vacuum cleaner	
Other	
recommended number of socket outlets (normal or connected*): 2 to 3	
Connections	Number
Speaker	
Other	

Switches	Number
Lighting bathroom 1 switch for 1 light circuit	
LED lighting bathroom 1 LED control	
Lighting above wash basins 1 or 2 switches for 1 light circuit	
LED lighting above wash basins 1 LED control	
Electrically controlled roll-down shutters, blinds or sun awnings 1 switch	
Other	
Comfort, safety and energy	Number
Motion detector	
Ventilation	
Dimmer	
Thermostat	
Other	

# Large bedroom

Socket outlets	Number
Around the bed	
Clock radio	
2 bedside lamps	
Mobile phone charging point	
Baby phone	
Electric blanket	
recommended number of socket outlets (normal or connected*): 3 to 5	
Media corner	Number
Television	
Set-top box for digital television	
DVD player	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	
General	Number
Mood lighting	
Vacuum cleaner	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	

Connections	Number
Telephone	
Television (HDMI or combination RJ45 UTP with coax)	
Set-top box digital television (HDMI or combination RJ45 UTP with coax)	
Speaker	
Internet	
Other	
Switches	Number
Lighting bedroom 1 or 2 switches/dimmers for 1 light circuit (1 by the door, 2 by the head of the bed)	
LED lighting bedroom 1 LED control	
Lighting wardrobes 1 switch for 1 light circuit	
LED lighting wardrobes 1 LED control	
Panic button by the bed*	
electrically controlled roll-down shutters, blinds or sun awnings 1 switch	
Garden lighting with indicator lamp	
Other	

## Dressing room

Comfort, safety and energy	Number
Touchswitch*	
Panic button*	
USB charger	
Mood control*	
LED strips	
All on/off*	
Dimmers	
Thermostat	
Other	

Socket outlets	Number
Vacuum cleaner	
Wardrobe lighting	
recommended number of socket outlets (normal or connected*); 2	
Switches	Number
Lighting dressing room 1 switch	
Other	
Comfort, safety and energy	Number
Motion detector	
Other	

# Small bedroom

Socket outlets	Number
Around the bed	
Clock radio	
Baby phone	
Bedside lamp	
Mobile phone charging point	
recommended number of socket outlets (normal or connected*): 3 to 4	
<b>Office</b>	<b>Number</b>
Computer	
Monitor	
Desk lamp	
Printer	
Other	
recommended number of socket outlets (normal or connected*): 3 to 5	
<b>Relaxation</b>	<b>Number</b>
Stereo installation	
Gaming console	
Television	
mp3 player	
Other	
recommended number of socket outlets (normal or connected*): 2 to 4	

General	Number
Vacuum cleaner	
Mood lighting	
recommended number of socket outlets (normal or connected*): 2	
<b>Connections</b>	<b>Number</b>
Telephone	
Television (HDMI or combination RJ45 UTP with coax)	
Gaming console (HDMI)	
Computer (HDMI)	
Screen (HDMI)	
Speaker	
Internet	
Thermostat	
Other	



Switches	Number
Lighting children's room 1 or 2 switches for 1 light circuit (1 by the door, 2 by the head of the bed)	
LED lighting children's room 1 LED control	
Electrically controlled roll-down shutters, blinds or sun awnings 1 switch	
Other	
Comfort, safety and energy	Number
Orientation lighting	
LED strips	
USB charger	
All on/off	
Dimmers	
Thermostat	
Other	

## Attic

Socket outlets	Number
Ventilation	
Television	
Computer	
Vacuum cleaner	
Other	
recommended number of socket outlets (normal or connected*): 3 to 4	
Connections	Number
Television (HDMI or combination RJ45 UTP with coax)	
Computer (HDMI)	
Telephone	
Internet	
Other	
Switches	Number
Lighting attic 1 switch for 1 light circuit	
Other	
Comfort, safety and energy	Number
Motion detector	
Other	

## Cellar

Waterjetproof socket outlets	Number
1 double waterjetproof socket outlet	
Other	
recommended number of socket outlets (normal or connected*): 2	
Switches	Number
Lighting cellar 1 switch or motion detector per light circuit	
Other	
Comfort, safety and energy	Number
Motion detector	
Other	

# Garden

Waterjetproof socket outlets	Number
Garden work	
Lawn mower	
Hedge trimmers	
Turf trimmer	
Leaf blower	
Chopper	
Other	
recommended number of socket outlets: 3 to 4	
Relaxation	<b>Number</b>
Lighting pond or fountain	
Pond pump	
Radio	
Fountain	
Christmas lighting	
Other	
recommended number of socket outlets: 3 to 5	
Garden party	<b>Number</b>
Bouncy castle	
Stone grill/BBQ	
Other	
recommended number of socket outlets: 2 to 3	

Switches	Number
Garden lighting 1 or 2 switches per light circuit (1 in the living room, 1 in the kitchen)	
Barn 1 light circuit with switch	
Other	

Niko designs electr(on)ic solutions to enhance buildings to better suit the needs of the people who live and work in them. This is achieved by using less energy, improving lighting comfort and safety and making sure all applications work together seamlessly. Buildings with Niko solutions are more efficient, controllable from a distance, and interact within larger ecosystems. Niko is a Belgian family business based in Sint-Niklaas, with 600 employees and 11 European branches.

At Niko we ask ourselves just one question every day: "How can we enhance buildings to better suit your needs?"



Trewithian Gardens  
St Wenn  
Cornwall  
PL30 5PH

[contact@kernowsmarthomes.co.uk](mailto:contact@kernowsmarthomes.co.uk)

**niko**  
*Illuminating ideas.*