label observeurdesign 2016

homecontrol®

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Nina™

Naturally Intuitive Naturally Attractive

Instructions

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Ref. 5126992D

somfy®

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WELCOME

Just follow your intuition, take control effortlessly, focus on what matters...

Nina io, a new customisable touch-screen remote control that facilitates intuitive interaction, awakens new sensations and lets your desires guide you. Naturally.

Naturally intuitive

Like a natural extension of your hand...

With a simple touch of the screen you can select, control, store and position all of the devices in your home.

- Control devices individually or as a group
- Configure to suit your home
- Precise control
- Create scenarios

Exclusive Somfy function: Natural Control

Once you've configured the interface, just press the screen for two seconds to control all your favourite devices with a single gesture.

Gesture control... it's magic!

Naturally attractive

In perfect harmony with your desires

As if it should have always been there. With ergonomic curves and a soft touch. A designer accessory that perfectly blends into your environment.

Clearly adaptable

Nina io, tailored to your needs

Blinds, shutters, garage doors, gates, lights, alarms, Velux, pergolas, and much more: Nina recognises and helps you adjust and control all of your devices, to provide you with ultimate comfort in your home.

Nina uses io-homecontrol® technology for enhanced ease and performance.

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1. SAFETY

Read the quick start guide printed on the packaging and the safety instructions provided with the product carefully before installation and use. The safety instructions supplement the product user guide.
Hand over these instructions to the user after installation. The user should keep the instructions for future reference. Failure to follow these instructions or the use of the product outside its field of application is forbidden, and will invalidate the warranty and discharge Somfy of all liability. This Somfy product must be installed by a home motorisation and automation professional. The installer must also comply with standards and legislation in force in the country in which the product is being installed, and inform his customers of the operating and maintenance conditions for the product.
Never begin installing without first checking the compatibility of this product with the associated devices and accessories. If you have any doubts when installing this product and/or you wish to obtain additional information, contact a Somfy adviser or go to the website www.somfy.com.
In compliance with standard EN 12453 on the safe use of power-operated doors and gates, if this product is used to control an automatic garage door or gate not visible to the user, it is obligatory for a photo-electric cell type safety device to be installed on this automated system. If these instructions are not complied with, Somfy does not accept any liability for any damage that might be caused.

General instructions

If used with a drive, please also refer to the drive instructions.
Do not use or install this product outdoors.
Keep the product out of reach of children.
Do not knock or drop the product, expose it to flammable materials or sources of heat or moisture, or splash or immerse it in liquid.
Do not attempt to repair it.
Do not use abrasive products or solvents to clean it. Use a soft, dry cloth to clean its surface.
This product must not be installed at a height above 2 m.

Warning

This product contains an irreplaceable, inaccessible rechargeable battery. Charge rechargeable batteries in accordance with the instructions and using the charging equipment provided with your Somfy product.
Keep the product dry. Moisture and liquids can damage the parts and electronic circuits in the product. Do not use or charge the product if it is showing traces of moisture. If the product is already switched on and placed on its charging base, remove it from its base, disconnect the charging base and wipe the product and the base using a towel, and then give them to Somfy Customer Service.

< 5°C	Between 5°C and 11°C	Between 12°C and 39°C	Between 40°C and 55°C	> 55°C
Not operational	Use and charging	Use and charging	Use	Not operational

The product can be used in an environment with an ambient temperature of between 5°C and 55°C. The product can be stored in a location with an ambient temperature of between -20°C and 60°C. The use or storage of the product outside the recommended temperature range might damage the product or reduce the battery lifetime.

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...

If the battery temperature exceeds 55°C or falls below 5°C, the remote control goes into standby and cannot be used. When the temperature has fallen back below 55°C or risen back above 5°C, the remote control can be restarted by placing it on its base, connected to the power supply.
If the battery temperature is between 5°C and 11°C, the remote control can be used or charged, but a message is displayed to tell the user to place the remote control in a location where its temperature can rise naturally before it goes into standby.
If the battery temperature is between 12°C and 39°C, the remote control can be used and charged normally.
If the battery temperature is between 40°C and 55°C, the remote control cannot be charged. A message is displayed to tell the user to take the remote control off its base and wait until the battery cools down naturally before the remote control can be charged again.
Do not store the product in extremely hot locations, such as inside a car in the middle of summer. This would result in a risk of screen malfunction, battery explosion and damage to the product. Do not expose the product to direct sunlight for extended periods (such as on the dashboard of car, for example).

Do not dispose of the remote control in a fire or waste incinerator. There is a risk of explosion and leakage of flammable liquid or gas from the battery if it is kept at a high temperature (hot oven, fire), crushed, cut or subjected to extremely low air pressure.

Contact Somfy Customer Service for information about appropriate handling of batteries. Batteries can pose a risk of fire, explosion or chemical burns if they are not used in accordance with the instructions.

If you notice an odour, unusual noises, smoke or liquid leaking from the product, immediately stop using the product and give it to Somfy Customer Service.

Avoid all contact with the product when it has overheated. Failure to comply with this instruction can cause low-temperature burns, redness and skin pigmentation.

Place the remote control on its charging base as often as possible.

Electrical safety instructions

Charger

Only use the mains adapter (Sunlight Electronic Group Co., Ltd, Part No.: LCF-143R) provided with the product to connect the charging base.
The mains adapter must be connected to an electrical system in good condition and compliant with applicable standards. Make sure the power supply voltage and frequency indicated on the mains adapter data plate match those of the electrical system.
Unwind the electric cable fully before connecting it to the socket in order to avoid overheating.
Always hold the adapter unit when connecting and disconnecting the mains adapter. Never pull on the cables.
Never touch the mains adapter with damp or wet hands, as this could cause electrocution.
The mains adapter and its cable must be kept out of reach of children and away from pets, while remaining accessible so that they can be disconnected quickly in case of emergency.

Remote control

The battery in the remote control is inaccessible and must not be replaced.
Do not dismantle the product.



We care about the environment. Do not dispose of your device with ordinary household waste. Take it to an approved collection point for recycling.

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Content of the package

Discover the different elements and documents provided in the packaging:



NINA IO REMOTE CONTROL

Touch-screen remote control (including battery)



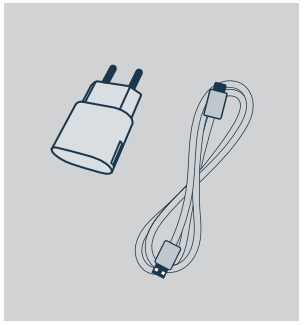
BACK CASE

Removable back case



BASE

Nina io remote control base



REMOTE CONTROL CHARGER

Power cable to charge Nina io remote control



QUICK START GUIDE

Guide for getting started with the product



IMPORTANT SAFETY INSTRUCTIONS

Read the safety instructions carefully before installation and use. Keep these instructions for future reference.

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Nina io remote control

The home screen of the Nina io remote control is made up of the following items:

SUNLIGHT FUNCTION ACTIVE

Indicates that at least one sensor is active

DEVICES

ACCESS TO DEVICE MANAGEMENT

Device list to manage them one by one

GROUPS

ACCESS TO GROUP MANAGEMENT

Group list to manage devices and sensors by groups, by launching scenarios



BATTERY LEVEL INDICATOR

NATURAL CONTROL

ACCESS TO THE NATURAL CONTROL FUNCTION

Area for launching actions by movements

SETTINGS

ACCESS TO SETTINGS MENUS

- Remote control settings: languages, screen settings, management by motion, sounds, about Nina io, resets, alarm code.
- Group/device/sensor settings
- Installer settings: functions for home motorisation and automation professionals only.

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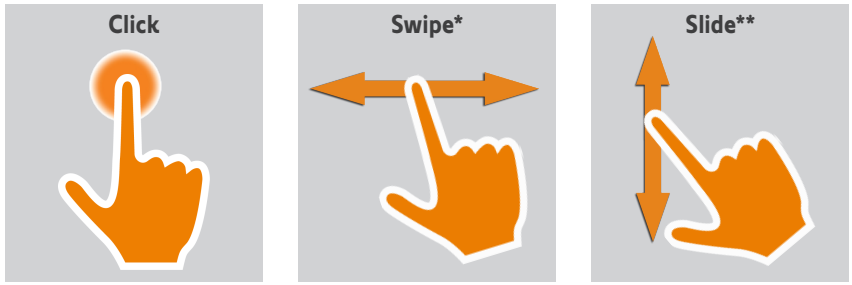
5. ADVANCED SETTINGS 51

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Nina io navigation

There are 3 types of gesture to navigate on the screen of Nina io:



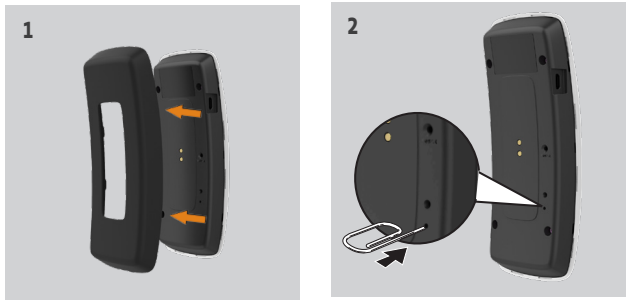
** Horizontal swipe*
*** Vertical slide*

To exit standby mode, remove Nina io from its base, or touch the screen (when it is not on its base).

Sleep button for forced standby

If necessary, the remote control can be forced into standby:

1. Remove the back case from the remote control to access the buttons on the back: the **Sleep** button is on the bottom right.
2. Using a pointed item (e.g. a paper clip), press the **Sleep** button for at least 2 s: the green LED will flash four times and the remote control will go into forced standby mode.



To take the remote control out of forced standby mode, the battery temperature must be between 5°C and 55°C: place the remote control on its base, connected to the power supply.

Base

The Nina io remote control can be placed on the base for easy viewing.
The base is also used to recharge the Nina io battery when the remote control is placed on it.



To charge the Nina io battery, see *Battery, page 9*

The Nina io remote control works when it is placed on its base: the screen is always on. It goes to the standby screen after 10 seconds of inactivity.

To disable this function, see *Manage the screen status when Nina io is on its base, page 47*

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Battery

Battery level

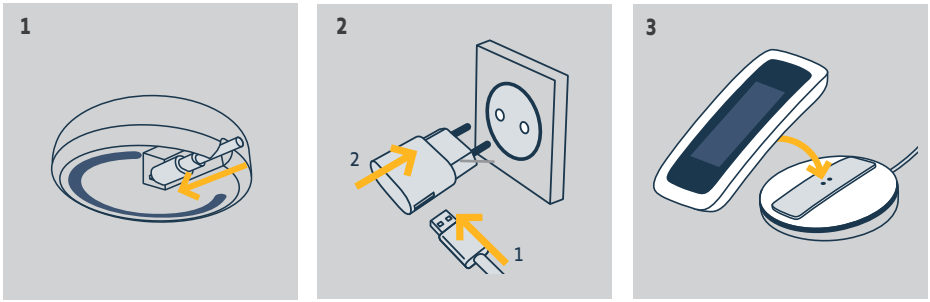
The battery level is indicated by a dynamic icon as shown below:

Battery full (>75%)		Battery between 10% and 25%	
Battery between 50% and 75%		Battery <10% (flashing)	
Battery between 25% and 50%		Battery charging	

When the battery level reaches 25%, a warning message is displayed, prompting you to place Nina io on its base.
When the battery level is between 6% and 10%, another warning message is displayed: the remote control can only be used if it placed on its base, until the battery level has risen again.

Charge the battery

1. Insert the end of the charger into the back of the base.
2. Plug the charger into an electrical outlet.
3. Place Nina io on its base.



The battery in the remote control is inaccessible and must not be replaced.
Do not dismantle the product.
See safety instructions *1. SAFETY, page 3.*

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What is equipment?

List of compatible items of equipment and associated icons:



The icons listed above are dynamic; their status changes according to their position: 
The equipment controlled by a Smoove Uno io are displayed with a specific icon. As these equipment have no information feedback, the icon status may differ from the actual position.
Other io-homecontrol® equipment are available; they are displayed with a generic icon that does not show their status.

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What is a group?

A group is a set of equipment that can include:

- Equipment of the same type (e.g. all the lights, roller shutters or blinds in the house).
- Equipment classified by room (e.g. all the equipment in the living room, the bathroom, etc.).
- Any other set of equipment (e.g. northern façade, southern façade, etc.).

Groups enable you to control several items of equipment at the same time, with just a click, by using scenarios.

25 groups are defined by default on installation:

Home		Bathroom		Study		Façade 1	
Living room		Bedroom 1		Terrace		Lights	
Dining room		Bedroom 2		2nd floor		Roller shutters	
Dining room 2		Baby's room		Ground floor		EVB	
Kitchen		Children's bedroom		Garage		Zip screen	

5 new groups can be created (maximum 30 groups).

If a sensor has been detected, a "sensor" group named Sun 1 is automatically created. If a second sensor has been detected, a second "sensor" group named Sun 2 is automatically created.

Customisation options:

Modify the list of equipment in a group, page 33

Rename a group, page 34

Change a group icon, page 35

Create a new group, page 36

Delete a group, page 37

Organise group list, page 38

To see all the functions for customising a group, see *Customise groups, page 33*.

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What is a scenario?

The Groups menu can be used to launch predefined actions, known as scenarios, associated with one or more items of equipment in the group selected (e.g. open the vertical blind in the living room, switch on the bedroom light, place the kitchen roller shutter in My position, etc.).

You can also create new scenarios by programming one or more items of equipment in a group at the same time. For example, the "Leaving home" scenario can combine closing the exterior venetian blind, closing the roller shutter and turning off the lights.

In the created scenarios, you can configure the position of each item of equipment to completely customise the ambiance of your home with just one click. For example, the "Evening ambiance" scenario can combine closing the roller shutter to 75% and turning off the lights.

Scenarios defined by default at installation

Open/Close

Switch ON/OFF

My position

Up/Down

 / *(if the installation contains one or two sensors)*

Customization options:

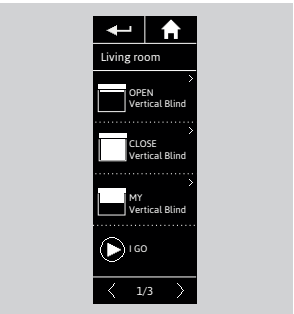
Create a scenario, page 39

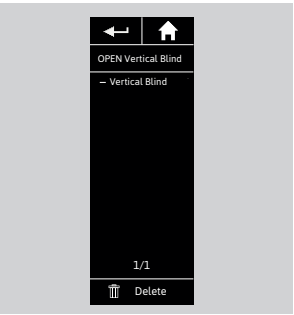
Rename a scenario, page 40

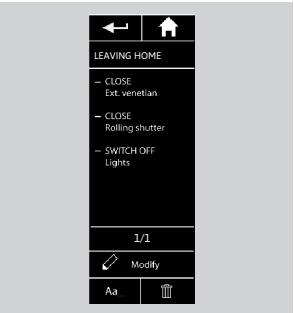
Modify a scenario, page 41

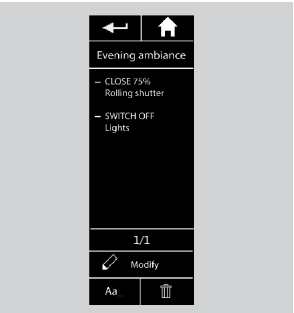
Delete a scenario, page 42

Organize scenarii list, page 43









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3. USE NINA IO

Control an item of equipment

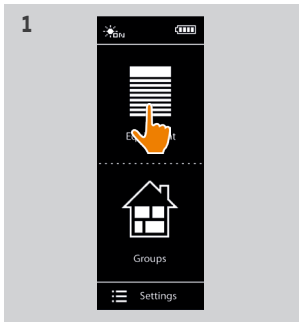
Select an item of equipment 13
Control the equipment 13
Possibilities for control 14
Other available options 14

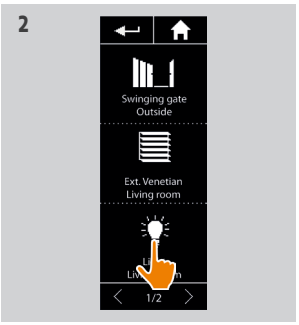
Select an item of equipment

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Select the item of equipment to control by clicking on the corresponding icon.

All equipment is available using the navigation buttons or the swipe.

> The available levels for the control of the selected item of equipment are displayed.

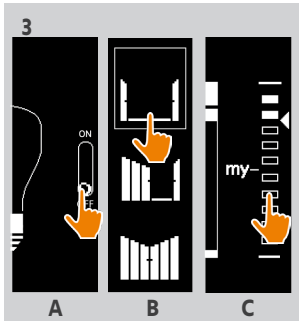


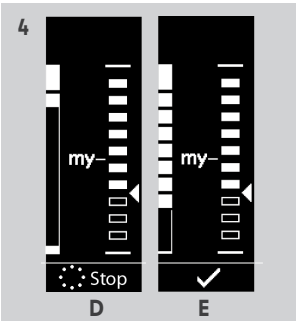


Control the item of equipment

3. Select the desired setting level by clicking or sliding on the corresponding position (A, B or C).
4. The action starts once the button is released:

> A wheel and a **Stop** button are displayed when the action is ongoing (D). Click on this button to stop the action at any time.





> A checkmark is displayed when the action is achieved (E).

If a problem occurs, the detected default is displayed and it is possible to start again the control of the item of equipment.

By returning to the list of equipment, the icon of the selected item of equipment is changed according to its new position.

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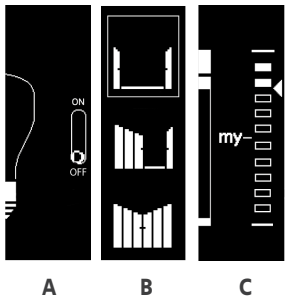
Select an item of equipment 13
Control the equipment 13
Possibilities for control 14
Other available options 14

Possibilities for control

Switch ON/OFF or Lock/Unlock (A)

Open/Close (B)

Adjust (C)



Other available options

Other options can be used to customize the control of equipment. These options are available according to the selected item of equipment and are displayed at the bottom of the level scale.

For example, click on the following icons or tick boxes to activate the corresponding options, before or during the control of equipment:



To activate the discrete mode: slows the movement of the roller shutter RS100 through its full travel.

To deactivate the discrete mode of the roller shutter RS100.



To control the orientation of the slats on venetian (exterior and interior) and roller shutters with tilting slates (gradhermetic).

To control the raising/lowering of the slats on venetian blinds (exterior and interior) and roller shutters with tilting slates (gradhermetic).



To activate the people option of the window lock: allows the opening of the house from the inside if a person is present inside.

To deactivate the people option of the window lock: does not allow the opening of the house from the inside.



To angle out the roller shutter.

To angle in the roller shutter.



To release the canvas of the vertical blind when it is in low position.

To stretch the canvas of the vertical blind when it is in low position.

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My function

Use the My function 15
Memorize the My position 16
Modify the My position 17
Delete the My position 18

The My function is used to memorize the favorite position of equipment, to customize the control of home according to the preferences of the user.

The My function is available on most equipment. If the function is not available for an item of equipment, the **My** icon does not display.

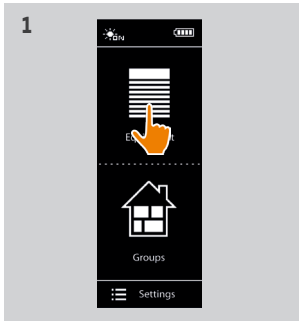
If the My position is already set, the **My** icon is displayed next to the memorized level. To modify or delete this position, see *page 17* and *page 18*.

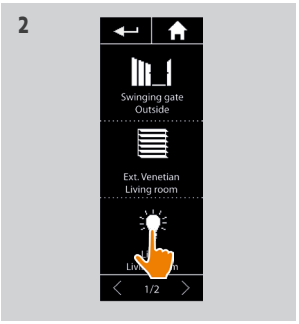
If the My position is not preset, the **My** icon is dimmed at the top of the level scale. To memorize a My position, see *page 16*.

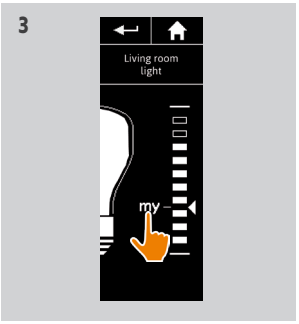
Use the My function

Once the setting of the My level is performed, the item of equipment can automatically be placed in its favorite position, in only one click.

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Select the desired item of equipment by clicking on the corresponding icon.
   > The My position of the selected item of equipment is already set: the **My** icon is displayed next to the memorized level.
3. Briefly click on the **My** icon to place the selected item of equipment in the My position.
   > The **My** button becomes outlined.
   > A wheel and a **Stop** button are displayed when the action is ongoing. Click on this button to stop the action at any time.
   > A checkmark is displayed when the action is achieved.







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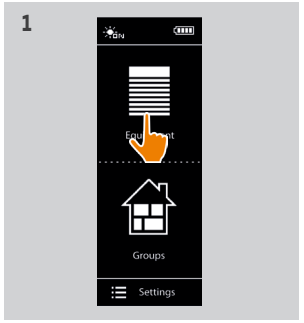
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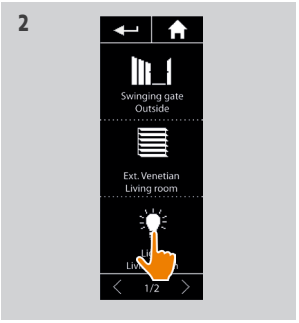
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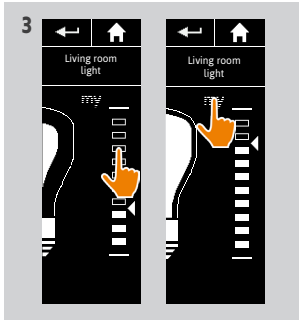
Use the My function 15
Memorize the My position 16
Modify the My position 17
Delete the My position 18

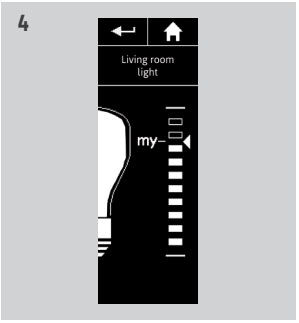
Memorize the My position

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Select the desired item of equipment by clicking on the corresponding icon.
   > The My position of the selected item of equipment is not set: the **My** icon is dimmed at the top of level scale.
3. Select the setting level of the selected item of equipment by clicking or by sliding on the corresponding position and then press and hold the dimmed **My** icon for at least 5 seconds.
4. After this delay, the **My** icon is automatically placed next to the predefined setting level.
   > The My position is memorized.









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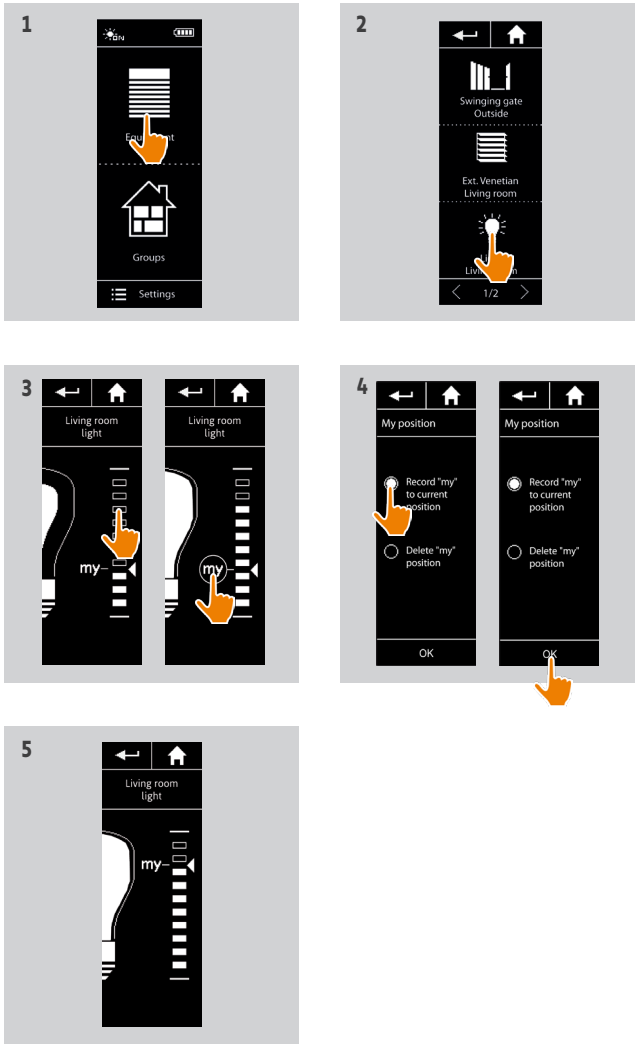
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Use the My function 15
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Modify the My position

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Select the desired item of equipment by clicking on the corresponding icon.
   > The My position of the selected item of equipment is already set: the **My** icon is displayed next to the memorized level.
3. Select a new setting level by clicking or sliding on the corresponding position and then press and hold the **My** icon for at least 5 seconds.
4. Select the option '**Record "my" to current position**', then click on **OK**.
5. After this validation, the **My** icon is placed next to the new predefined setting level.
   > The new My position is memorized.



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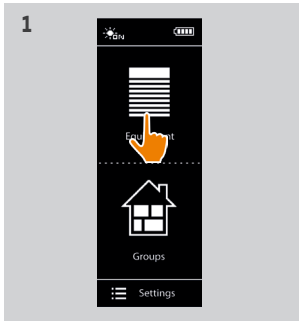
6. TROUBLESHOOTING 63

7. ABOUT NINA IO 64

Use the My function 15
Memorize the My position 16
Modify the My position 17
Delete the My position 18

Delete the My position

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Select the desired item of equipment by clicking on the corresponding icon.
   > The My position of the selected item of equipment is already set: the **My** icon is displayed next to the memorized level.
3. Click on the **My** icon for at least 5 seconds to remove its memorized position.
4. Select the option '**Delete "my" position**', then click on **OK**.
5. After this validation, the **My** icon is automatically dimmed and placed at the top of level scale.
   > The My position is deleted.



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Natural Control function

Associate equipment with the Natural Control function 20
Activate/Deactivate the Natural Control function 20
Use the Natural Control function: Up/Down gesture 21
Use the Natural Control function: Stop gesture 22

The Natural Control function allows you to control all your favourite equipment with just one click and a single gesture, directly from the home screen.

No need to select the item of equipment or the group, or to enter the Nina io functionalities. Once you have associated one or more items of equipment with the Natural Control function, you can intuitively adjust their position, simply by touching and holding the middle area of the screen and holding the remote control vertically. You can also stop the movement by shaking the remote control from side to side.

ⓘ There are two position options for all equipment: up and down.

"Up" and "Down", depending on the type of equipment, will mean:

- Open/Close (door, blind, gate, window, etc.)
- Turn on/off (light, switch)
- Lock/Unlock (window)

ⓘ All equipment may be associated with this function, except the alarm.

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Associate equipment with the Natural Control function 20
Activate/Deactivate the Natural Control function 20
Use the Natural Control function: Up/Down gesture 21
Use the Natural Control function: Stop gesture 22

Associate equipment with the Natural Control function

1. Select the **Settings** menu by clicking on the corresponding icon.
2. Click on the **Remote control** icon.
3. Click on the **Management by motion** icon.
4. Click on the **Equipment** icon to access the list of available equipment.
5. Select one or more items of equipment to be associated with the Natural Control function and click on **OK** to save.

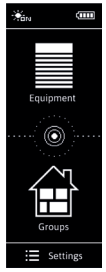
Activate/Deactivate the Natural Control function

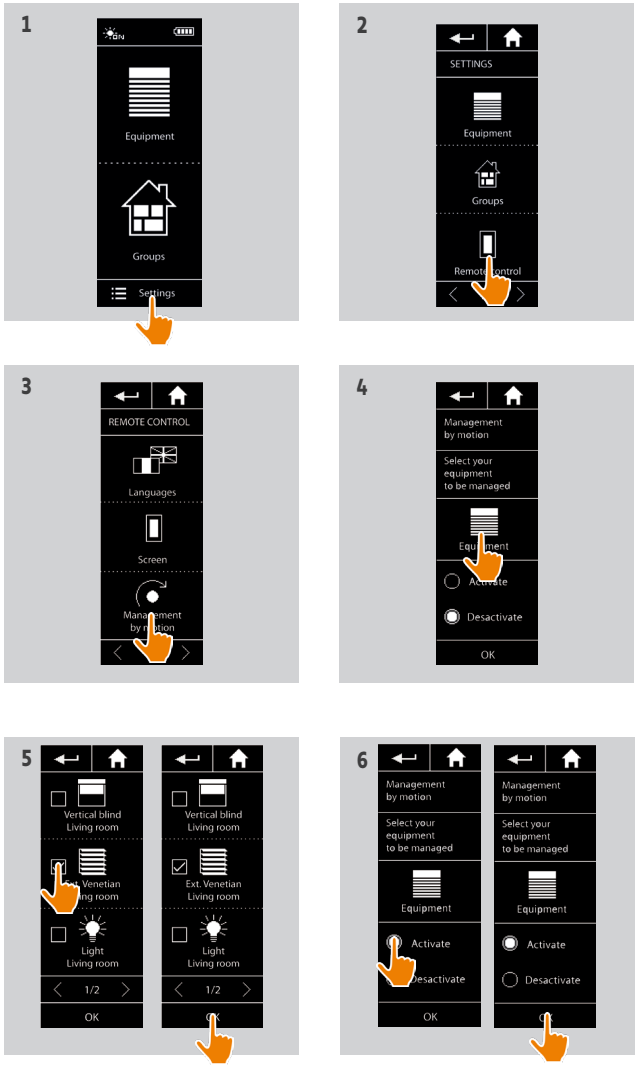
6. Select the **Activate** option and click on OK to save.

> If the Natural Control function is activated and items of equipment are associated: the home screen displays circles in the middle.

> If the Natural Control function is activated and no equipment is associated: the home screen does not display circles in the middle.

> If the Natural Control function is deactivated: the home screen does not display circles in the middle.





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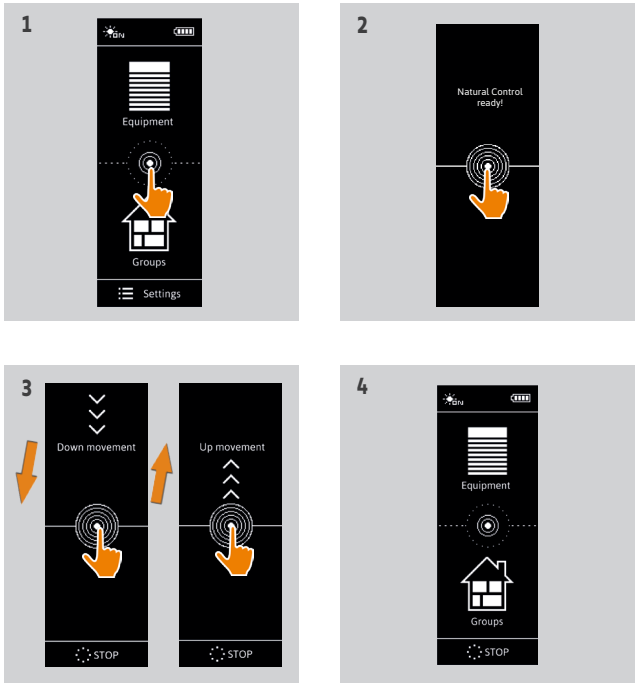
Associate equipment with the Natural Control function 20
Activate/Deactivate the Natural Control function 20
Use the Natural Control function: Up/Down gesture 21
Use the Natural Control function: Stop gesture 22

Use the Natural Control function: Up/Down gesture

1. Touch and hold down the middle area to launch the Natural Control function.

   Release the area to return to the home screen.

2. When the function starts, the message "**Natural Control ready!** " is displayed.
3. Without releasing the middle area of the screen, raise/lower the remote control to raise/lower or open/close or turn on/off or lock/unlock the favourite item of equipment.
   > Up or down arrows are displayed to indicate the ongoing movement.
   > A wheel and a **Stop** button is displayed when the action is ongoing. Click on this button to stop the action at any time.
4. When the middle area is released, the home screen is automatically displayed.



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- Associate equipment with the Natural Control function 20
- Activate/Deactivate the Natural Control function 20
- Use the Natural Control function: Up/Down gesture 21
- Use the Natural Control function: Stop gesture 22

Use the Natural Control function: Stop gesture

1. When an action is ongoing on an item of equipment associated with the Natural Control function: shake the remote control from side to side three times.

   > The current action stops.

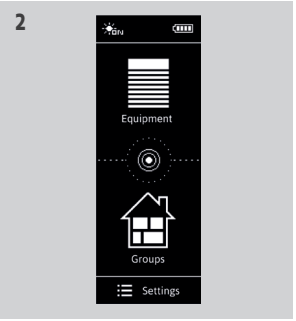
2. The home screen is automatically displayed.

The "Stop" button is displayed when an action is ongoing. Clicking on this button also stops the action.

1



2



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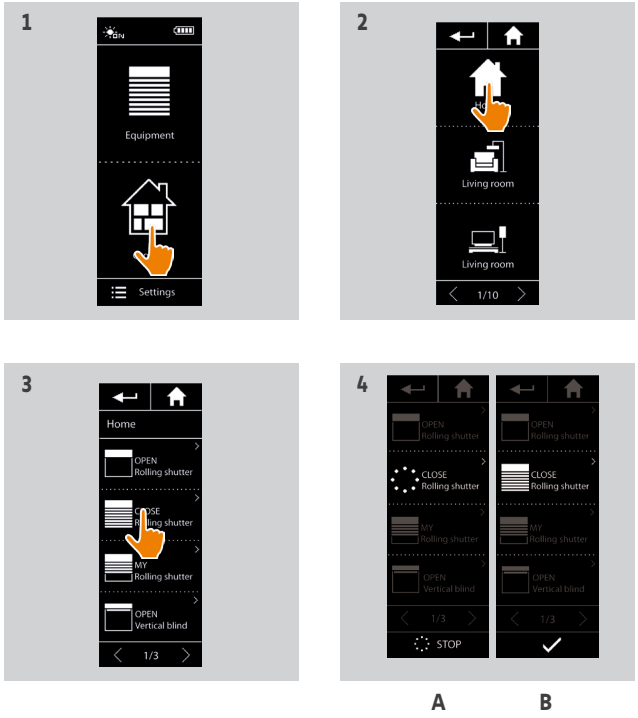
Launch a scenario

Select a room or group

1. Select the **Groups** menu by clicking on the corresponding icon.
2. Select the room or the group containing the item of equipment to control by clicking on the corresponding icon.

You can access all the rooms and groups using the navigation buttons or the swipe.

> The scenarios available for controlling the selected room or group are displayed.



Launch the scenario

3. Select the scenario by clicking on the corresponding icon or name.
4. The action starts once the button is released:

> A wheel and a **Stop** button is displayed when the action is ongoing (A). Click on this button to stop the action at any time.

> A tick is displayed for few seconds when the action is completed (B).

If a problem occurs, the detected fault is displayed and you can launch the scenario again.

Scenarios defined by default at installation

Open/Close

Open/Close all

Switch ON/OFF

My

 *(if the installation contains one or two sensors)*

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Sunlight Function

View the sunlight intensity level 24
Change the threshold and define the scenarios 24
Activate/Deactivate the Sunlight function 24
Modify the list of equipment in a "Sensor" group 25
Rename a "Sensor" group 26

The sunlight function can be activated if there is at least one sensor in the installation. It is configurable, and can also be deactivated.

View the sunlight intensity level

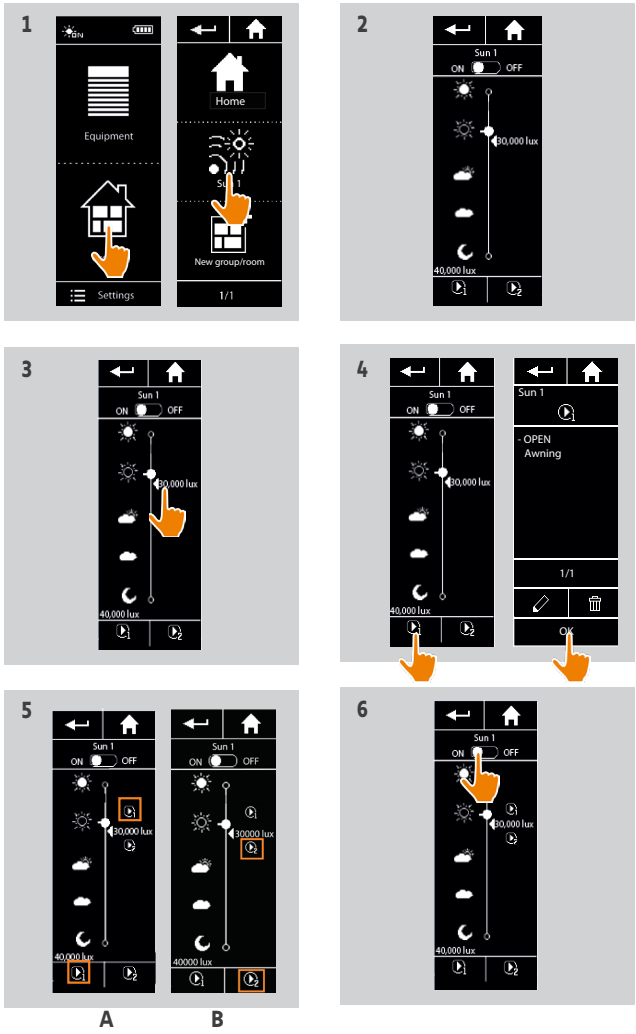
1. Select the **Groups** menu by clicking on the corresponding icon. Then select the Sun 1 icon.
2. The current sunlight intensity level is displayed.
   > The sunlight intensity scale ranges from 0 to 100,000 lux.

Change the threshold and define the scenarios

3. Move the cursor to set a sunlight intensity level = triggering threshold.
   > The D_1 and D_2 buttons at the bottom of the screen can be used to adjust the automatic item of equipment.
4. Click on the D_1 and D_2 buttons to define the scenarios. Then click on OK to confirm.
5. The icons appear around the cursor when the scenarios have been defined.
   > The D_1 scenario will be run when the sunlight intensity level is higher than the threshold. (A)
   > The D_2 scenario will be run when the sunlight intensity level is lower than the threshold. (B)

Activate/Deactivate the Sunlight function

6. The ON/OFF button can be used to activate/deactivate the sunlight function for this sensor.



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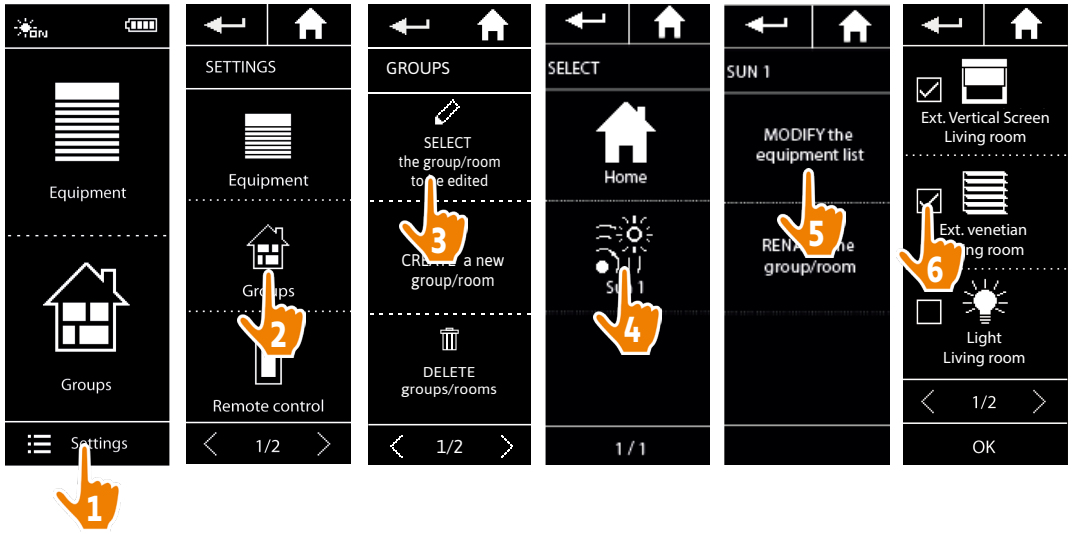
View the sunlight intensity level 24
Change the threshold and define the scenarios 24
Activate/Deactivate the Sunlight function 24
Modify the list of equipment in a "Sensor" group 25
Rename a "Sensor" group 26

Modify the list of equipment in a "Sensor" group

Select the corresponding "Sensor" group in the **Settings** menu and select "Modify the equipment list".

Tick the item of equipment to be associated with this sunlight sensor.

Tick the item of equipment to be removed from the list.



Even if all the items of equipment in a "sensor" group are deleted, the "sensor" group will not be deleted.

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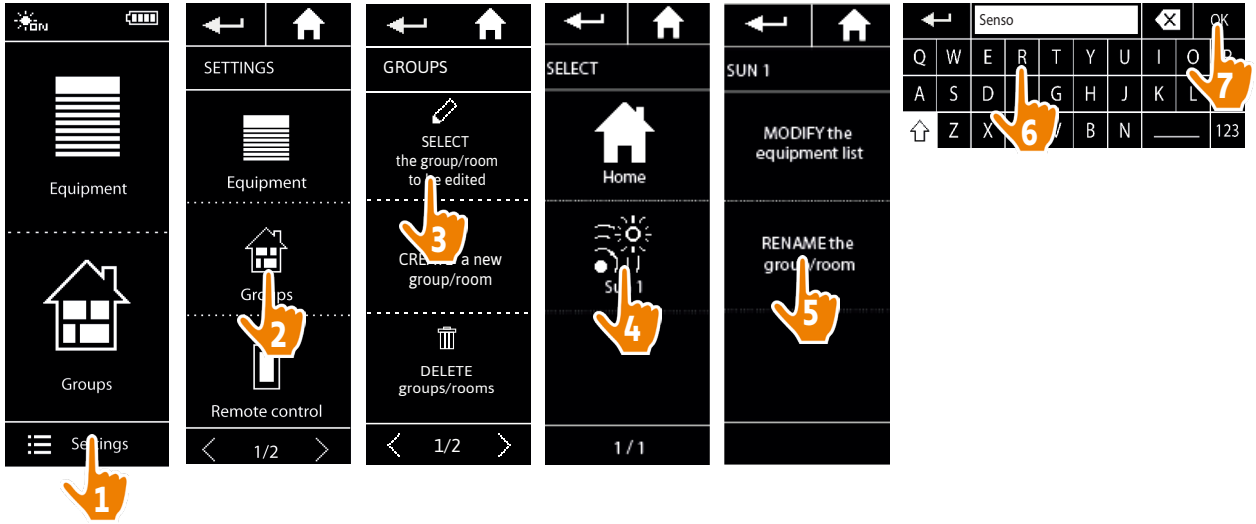
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View the sunlight intensity level 24
Change the threshold and define the scenarios 24
Activate/Deactivate the Sunlight function 24
Modify the list of equipment in a "Sensor" group 25
Rename a "Sensor" group 26

Rename a "Sensor" group

Select the corresponding "Sensor" group in the Settings menu and rename it using the keyboard:



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Alarm function

Deactivate the alarm 27
Change the alarm code 28

The alarm function is also configurable: it is possible to deactivate and re-activate the home alarm with Nina io.

To deactivate the home alarm using Nina io, it is necessary to enter a code, specific for Nina io and different from the alarm code. The Nina io alarm code is not necessary to activate the alarm.

By default, the code is 0000. The Nina io alarm code can be modified in the **Settings** menu.

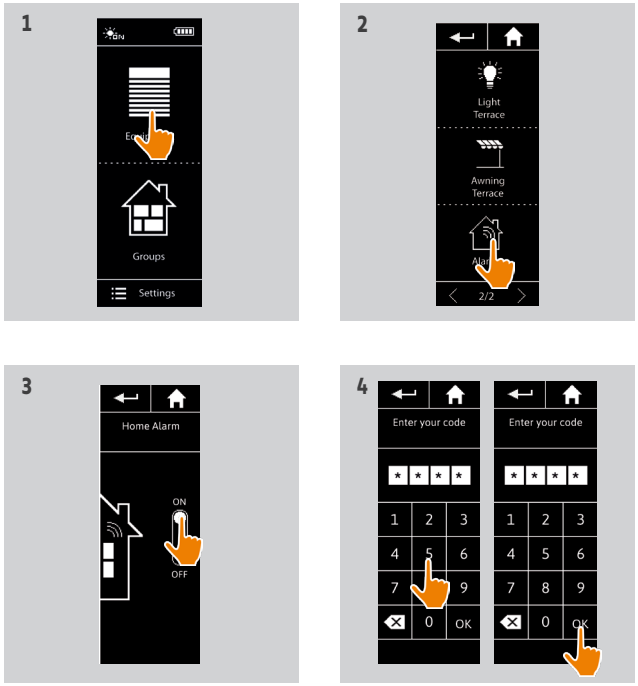
Deactivate the alarm

1. Select the **Equipment** menu by clicking on the corresponding icon.
2. Click on the alarm icon in the equipment list.

> The alarm icon is displayed in the equipment list only if an alarm is associated to Nina io remote control.

3. Slide the button to the **OFF** position.
   > A message asks to enter a code to deactivate the alarm.
4. Enter the code (0000 by default) using the keyboard and click on **OK** to validate.
   > The alarm is deactivated.

> To reactivate the alarm, follow the sames steps, by sliding the button to the **ON** position. No code is required.



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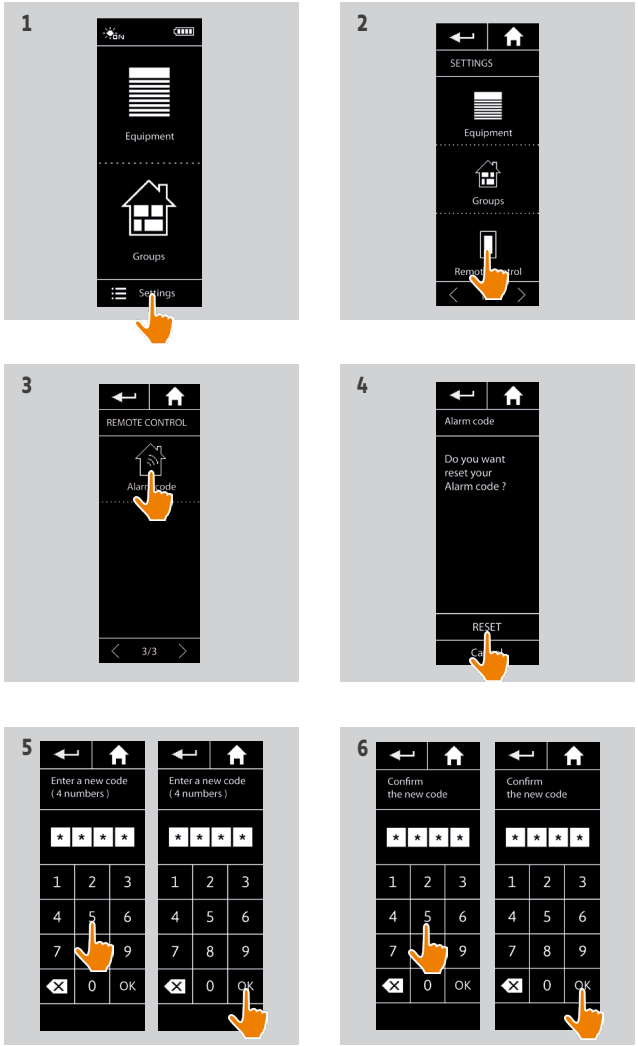
6. TROUBLESHOOTING 63

7. ABOUT NINA IO 64

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Change the alarm code 28

Change the alarm code

1. Select the **Settings** menu by clicking on the corresponding icon.
2. Click on the **Remote control** icon to enter the corresponding settings settings.
3. Click on the **Alarm code** icon.
   > A message asks to confirm the reset of the alarm code.
4. Click on **RESET** to confirm.
   > A keyboard is displayed.
5. Enter the new code using the keyboard and click on **OK** to validate.
   > A message asks to confirm the new code.
6. Re-enter the new code to confirm it.
   > The alarm code is updated.



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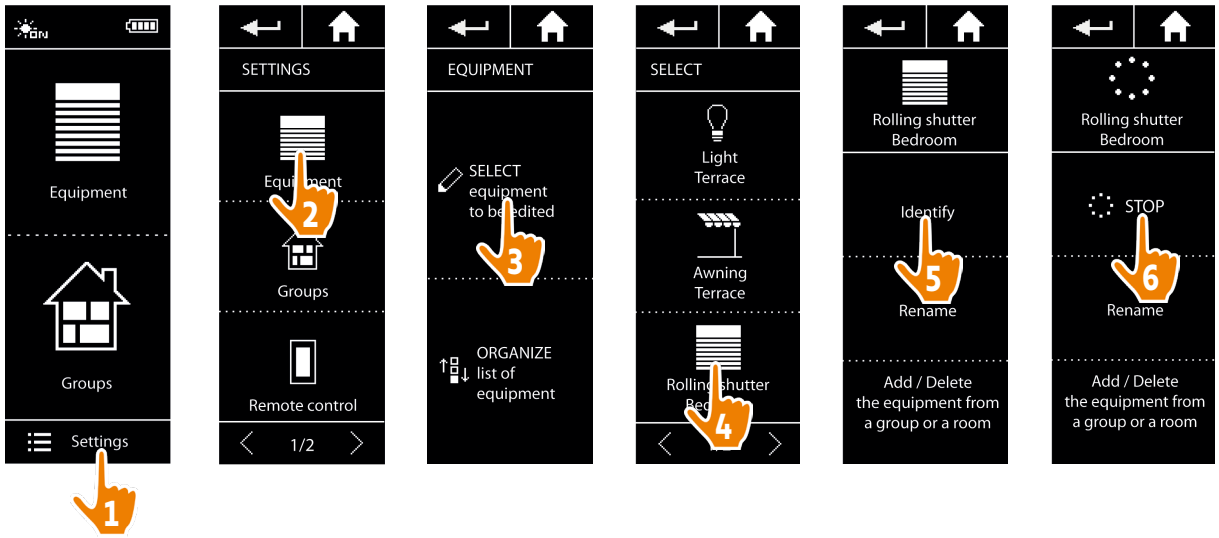
Customize items of equipment

Identify an item of equipment 29
Rename an item of equipment 30
Add/delete equipment to/from a group 31
Organize the list of equipment 32

Identify an item of equipment

The identify function allows to locate an item of equipment in the home: the corresponding item of equipment is triggered or is executing a back-and-forth movement to be easily spotted.

Select the item of equipment in the **Settings** menu and click on **Identify** to activate it. When the item of equipment is located, click on the **Stop** button to stop its movement:



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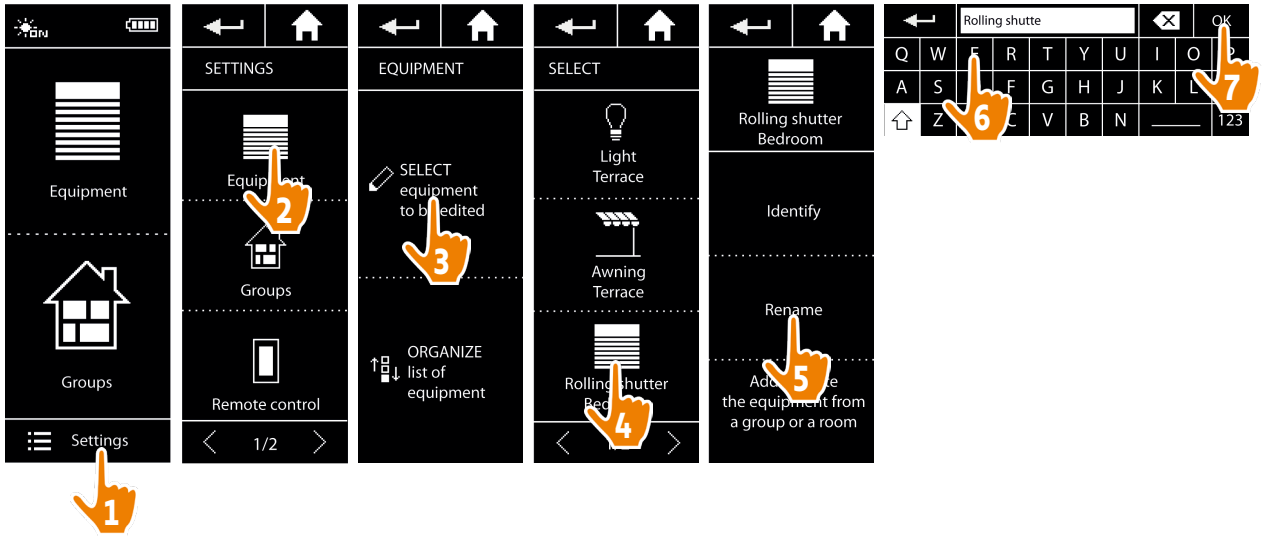
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Identify an item of equipment 29
Rename an item of equipment 30
Add/delete equipment to/from a group 31
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Rename an item of equipment

Select the corresponding item of equipment in the **Settings** menu and rename it using the keyboard:



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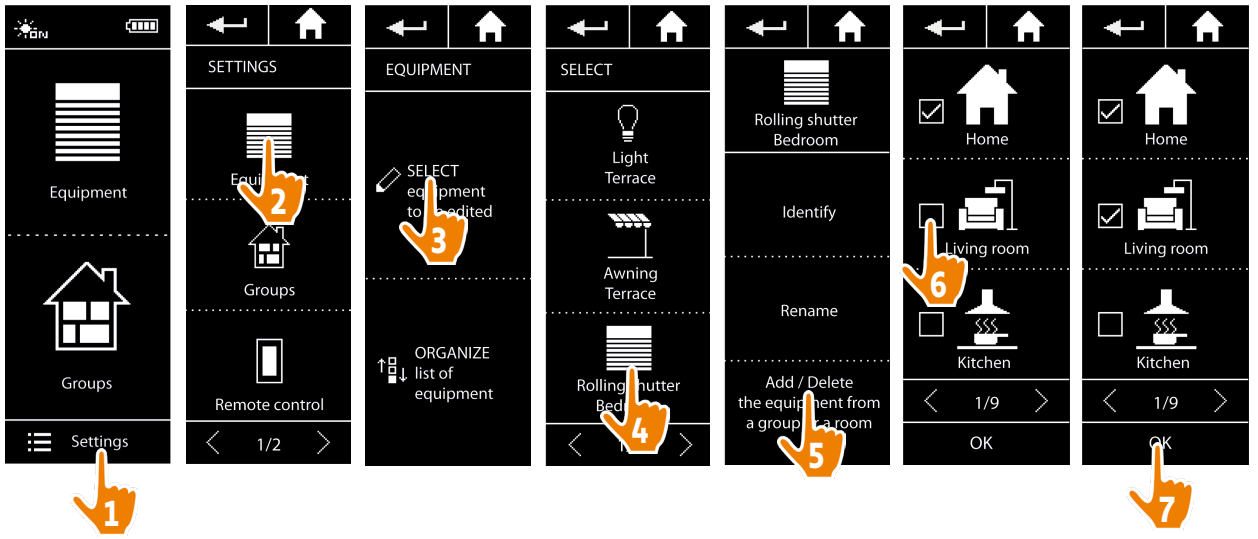
6. TROUBLESHOOTING 63

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Identify an item of equipment 29
Rename an item of equipment 30
Add/delete equipment to/from a group 31
Organize the list of equipment 32

Add/delete equipment to/from a group

Select the corresponding item of equipment in the **Settings** menu and tick/untick the boxes for the related groups:



Groups containing the selected item of equipment are already ticked when you access the group list.

You can select one or more groups for the same item of equipment by ticking one or more boxes.

If all items of equipment in a group are deleted, the group will also be deleted, except for "Sensor" groups.

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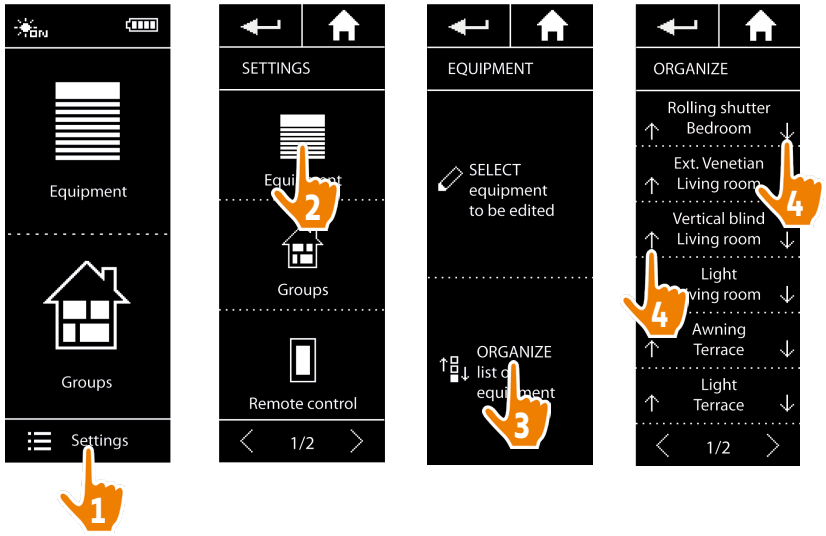
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Identify an item of equipment 29
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Organize the list of equipment

In the **Settings** menu, select the equipment and use the up and down arrows to change their position in the list:



> The order of the list is automatically saved after a click on the up or down arrow.

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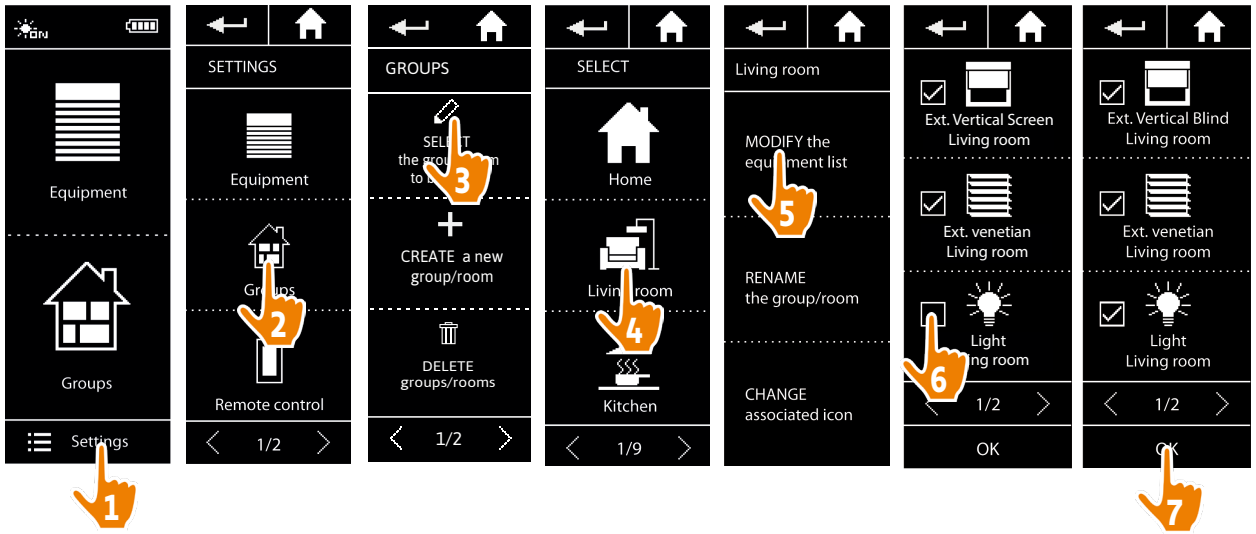
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Customise groups

Modify the list of equipment in a group 33
Rename a group 34
Change a group icon 35
Create a new group 36
Delete a group 37
Organise group list 38

Modify the list of equipment in a group

In the **Settings** menu, select the corresponding group and tick/untick the boxes for the associated equipment:



All the equipment already included in the group is ticked when you access the equipment list. If all equipment is unticked, the group will be deleted.

The list of equipment in a "Sensor" group can be modified in the same way. However, when all equipment is unticked, "Sensor" groups are not deleted.

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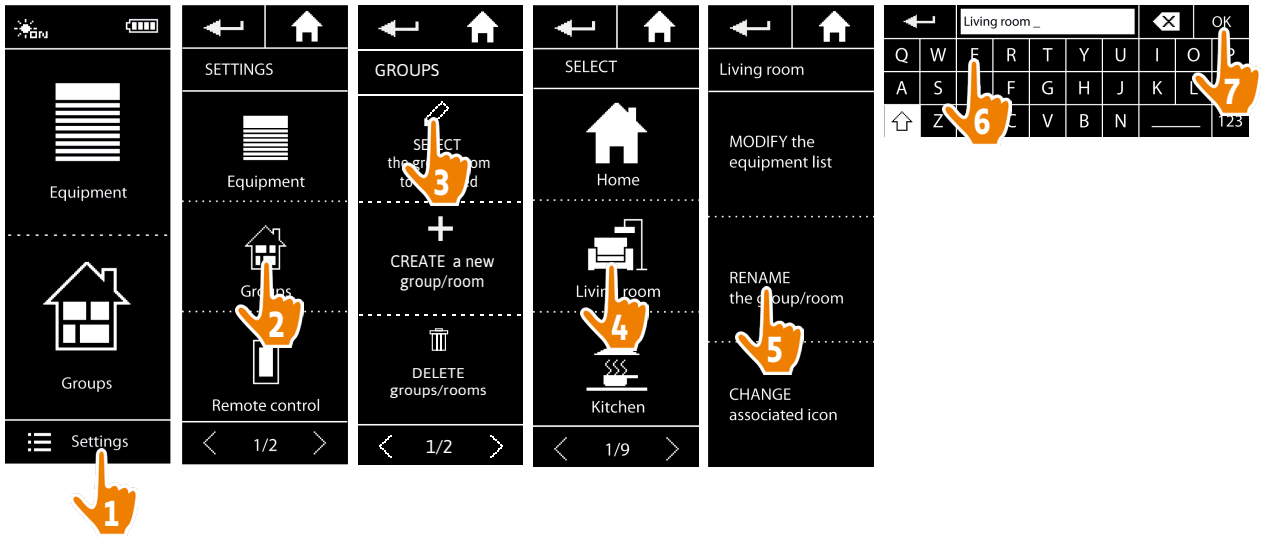
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Modify the list of equipment in a group 33
Rename a group 34
Change a group icon 35
Create a new group 36
Delete a group 37
Organise group list 38

Rename a group

In the **Settings** menu, select the corresponding group and rename it using the keyboard:



A "Sensor" group can be renamed in the same way.

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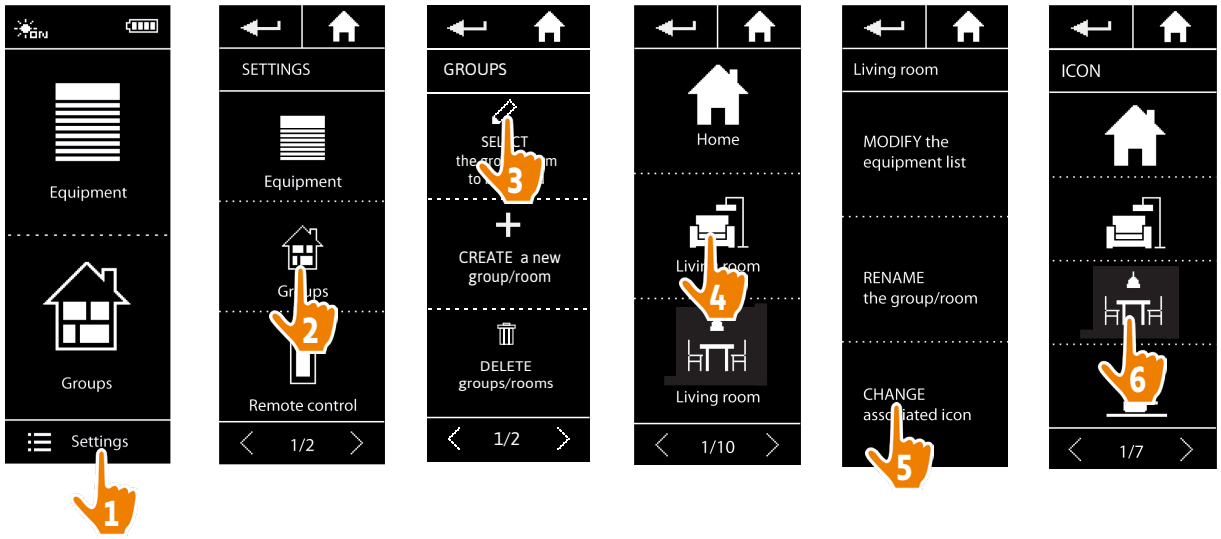
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Modify the list of equipment in a group 33
Rename a group 34
Change a group icon 35
Create a new group 36
Delete a group 37
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Change a group icon

In the **Settings** menu, select the corresponding group and choose its new icon:



> The new icon is automatically saved when it is selected.

The icon for a "Sensor" group cannot be modified.

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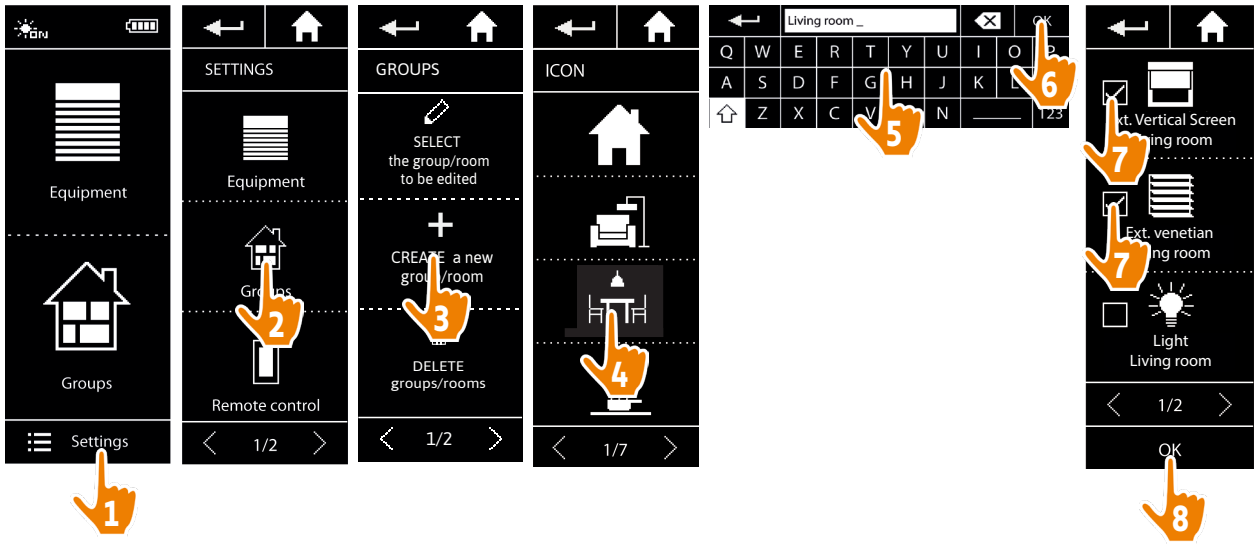
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Modify the list of equipment in a group 33
Rename a group 34
Change a group icon 35
Create a new group 36
Delete a group 37
Organise group list 38

Create a new group

In the **Settings** menu, define the icon and the name of the new group or room and select the associated equipment:



> The group is added at the end of the group list.

> The new group is automatically created with predefined scenarios.

A new "Sensor" group cannot be created.

To modify, delete or add a scenario, see *Customise scenarios, page 39.*

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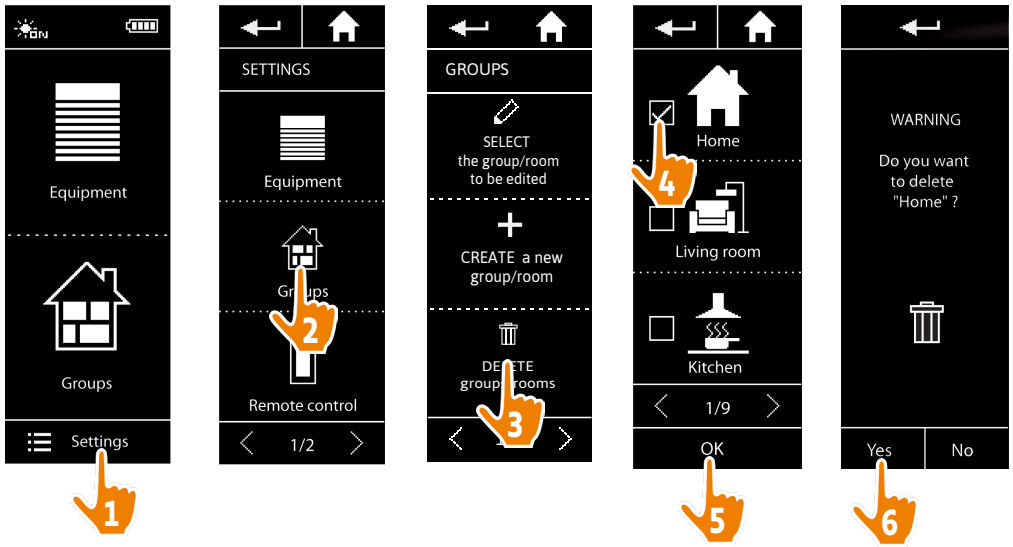
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Modify the list of equipment in a group 33
Rename a group 34
Change a group icon 35
Create a new group 36
Delete a group 37
Organise group list 38

Delete a group

In the **Settings** menu, select the corresponding group and delete it:



You can delete several groups at the same time by ticking several boxes when you access the group list.

The item of equipment associated with a "Sensor" group can be deleted, but a "Sensor" group cannot be deleted.
To remove a sensor from the installation, see *Manage equipment, page 61*.

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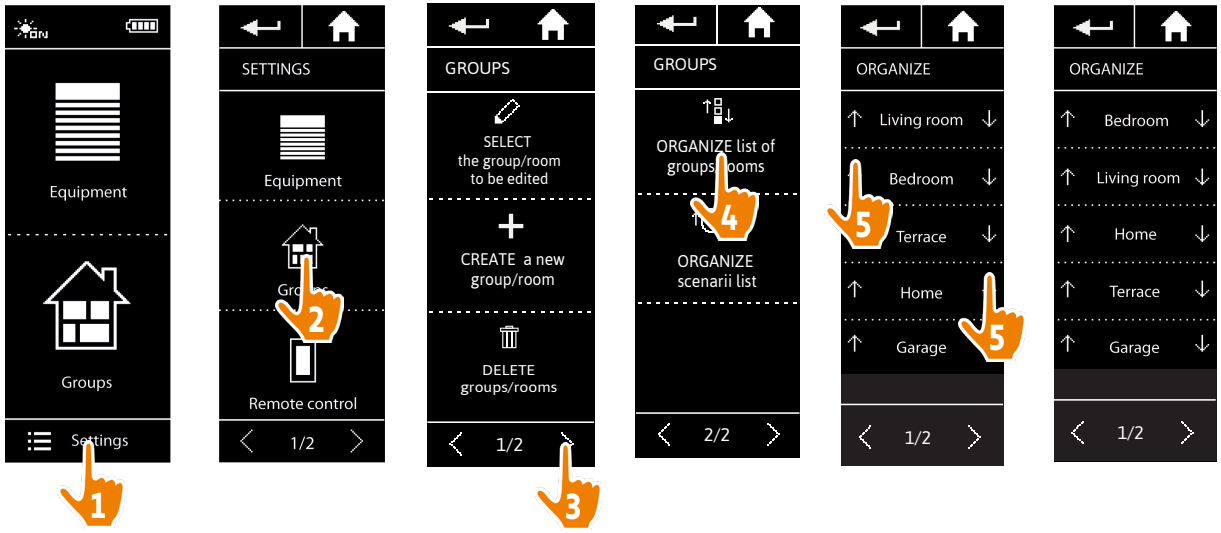
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Modify the list of equipment in a group 33
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Create a new group 36
Delete a group 37
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Organise group list

In the **Settings** menu, select **Groups**, then **Organise the group/room list**, and use the up/down arrows to change their position in the list:



The "Sensor" groups are in the group list; they can be moved around in the list in the same way as other groups.

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Customise scenarios

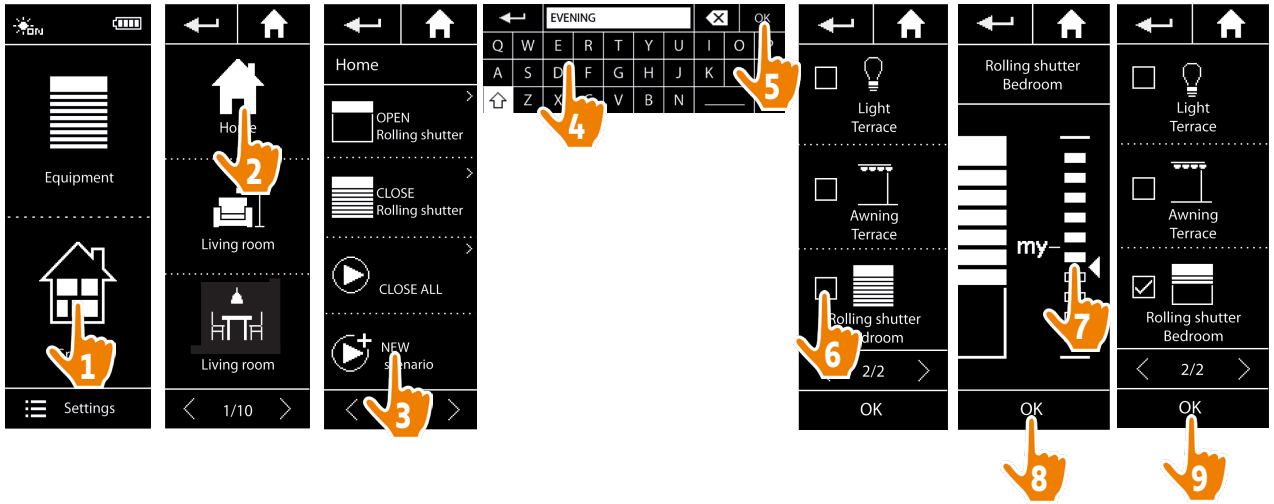
Predefined scenarios cannot be renamed or modified. They can only be deleted.

The scenarios for "Sensor" groups are created differently; see *Change the threshold and define the scenarios, page 24*.

Create a scenario 39
Rename a scenario 40
Modify a scenario 41
Delete a scenario 42
Organize scenarii list 43

Create a scenario

In the **Groups** menu, select the group that will contain the new scenario and select **New scenario** at the end of the scenario list. Name the new scenario, select its associated equipment and set its action.
You can select one or more items of equipment in the new scenario by ticking several boxes in the equipment list, one after the other. After each item of equipment selection, set the associated action by placing the selected item of equipment in the desired position.



> The scenario details list is displayed when you save the new scenario by clicking on **OK** (scenario name, details of action, associated equipment).

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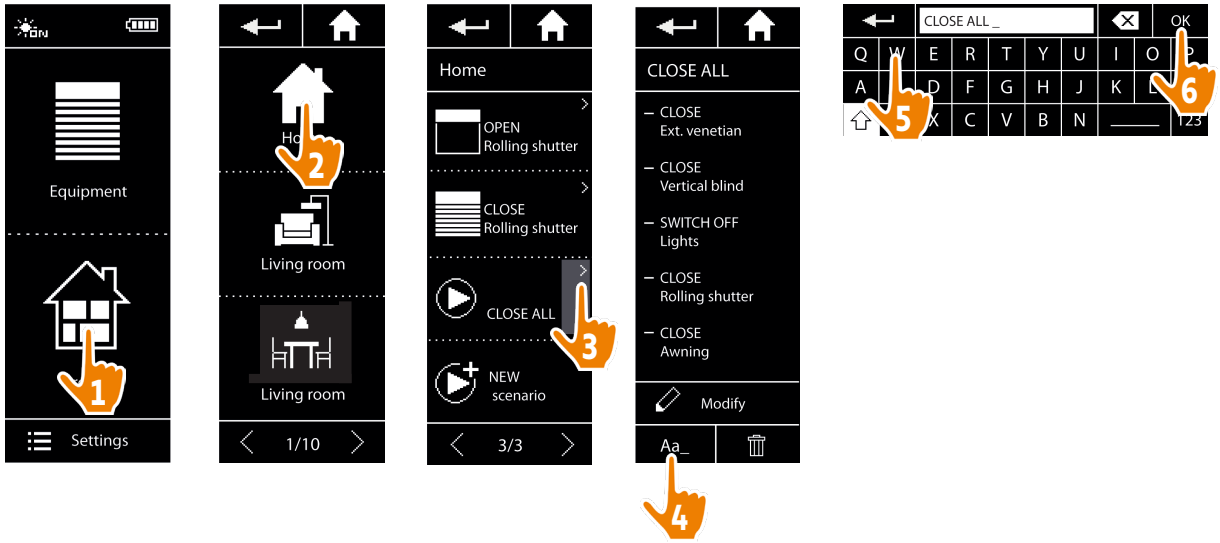
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Create a scenario 39
Rename a scenario 40
Modify a scenario 41
Delete a scenario 42
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Rename a scenario

In the **Groups** menu, select the group containing the corresponding scenario, select the scenario and rename it using the keyboard:



This function is not allowed with predefined scenarii. Only scenarii created by the user can be renamed.

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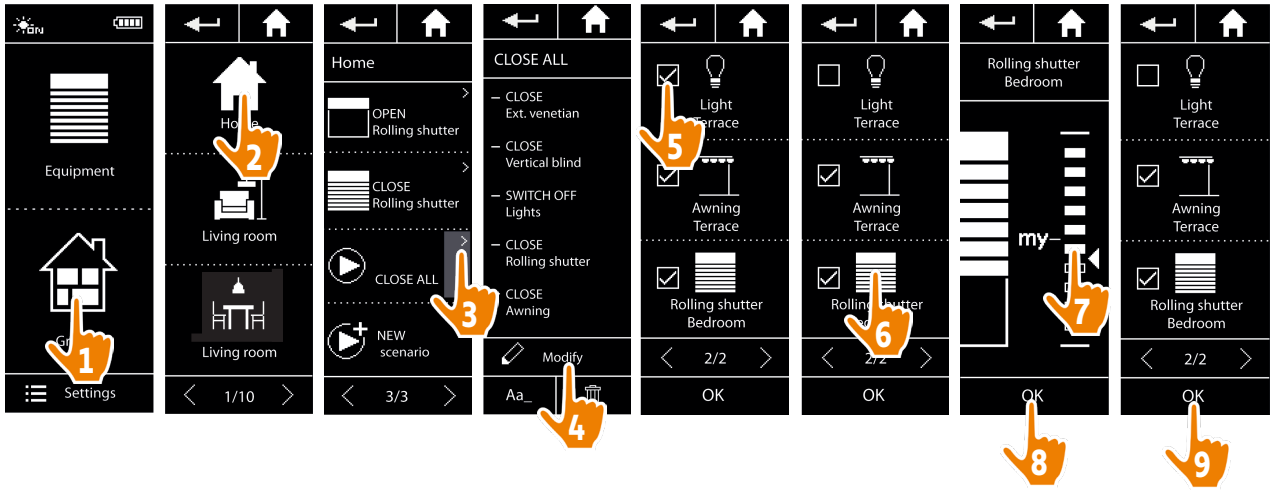
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Create a scenario 39
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Modify a scenario

In the **Groups** menu, select the group containing the corresponding scenario and select the scenario to modify it: add or delete associated items of equipment by selecting checkboxes. Change the setting level of the items of equipment if necessary.



> The light terrace is removed from the CLOSE ALL scenario.

> The new position of the rolling shutter bedroom in the CLOSE ALL scenario is saved.

This function is not allowed with predefined scenarii. Only scenarii created by the user can be modified.

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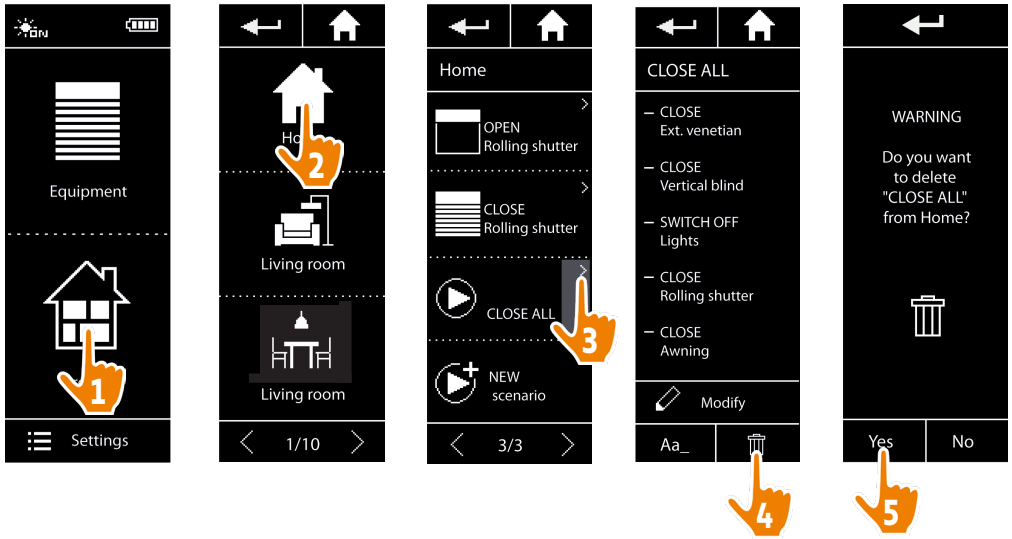
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Create a scenario 39
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Delete a scenario

In the **Groups** menu, select the group containing the corresponding scenario, select the scenario and delete it:



> The entire CLOSE ALL scenario is deleted, with all equipment and the associated actions.

ⓘ To delete only one item of equipment in a scenario, refer to *Modify a scenario, page 41*.

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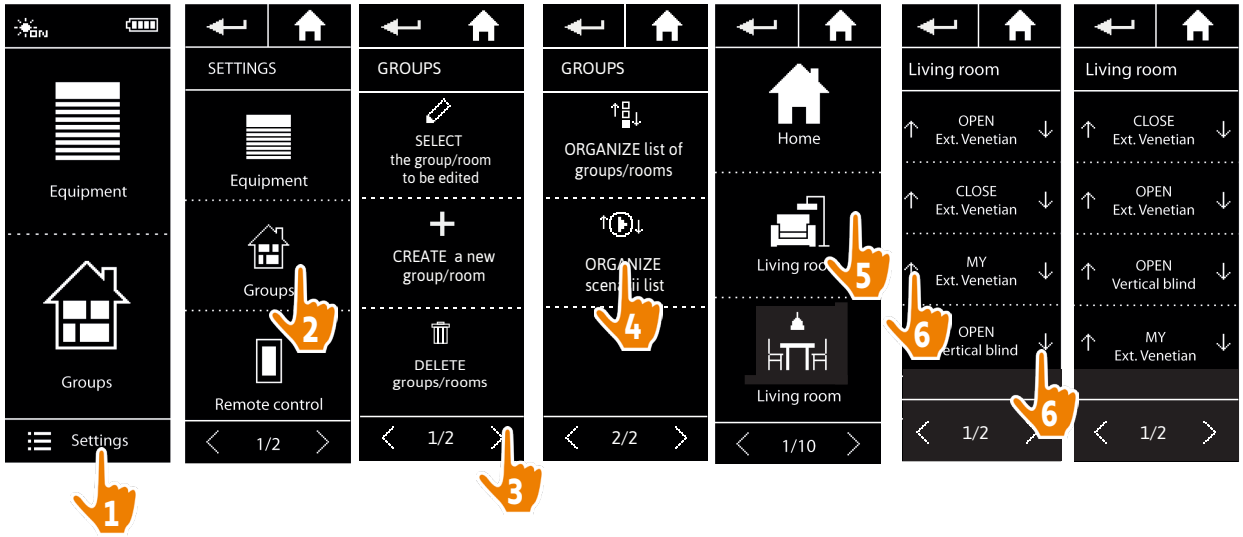
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Organize scenarii list

In the **Settings** menu, select the **Groups**, select **Organize scenarii list**. Select the group in which scenarii will be reorganized and use the up/down arrows to change their position in the list:



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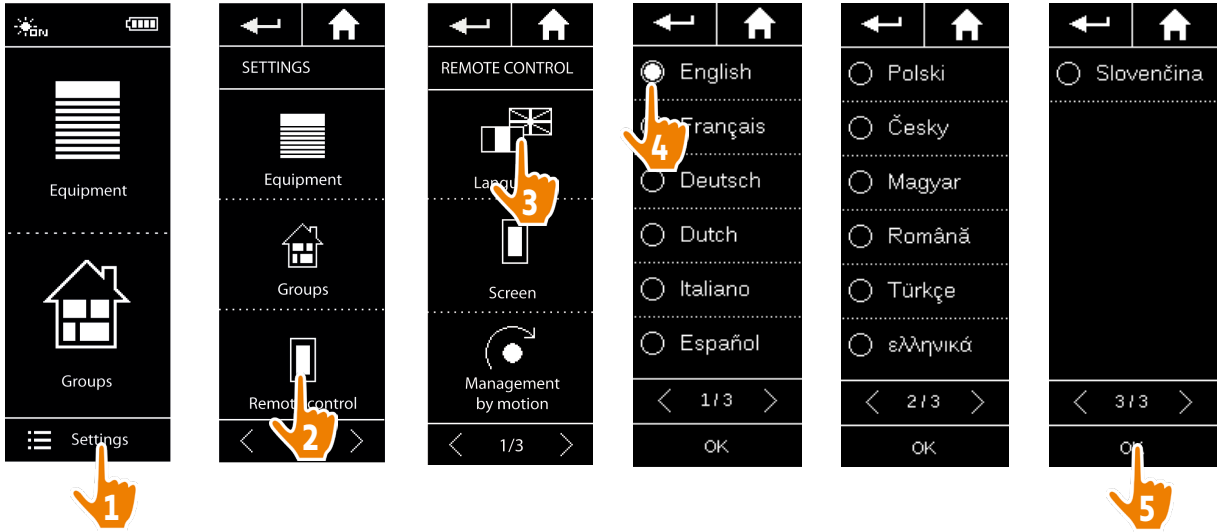
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Manage the screen status when Nina io is on its base 47
Manage the Smart Awning option 48
Manage sounds 49
Use the reset function 50

Change languages

In the **Settings** menu, select R**emote control** to access the languages and choose the corresponding language:



13 languages are available.

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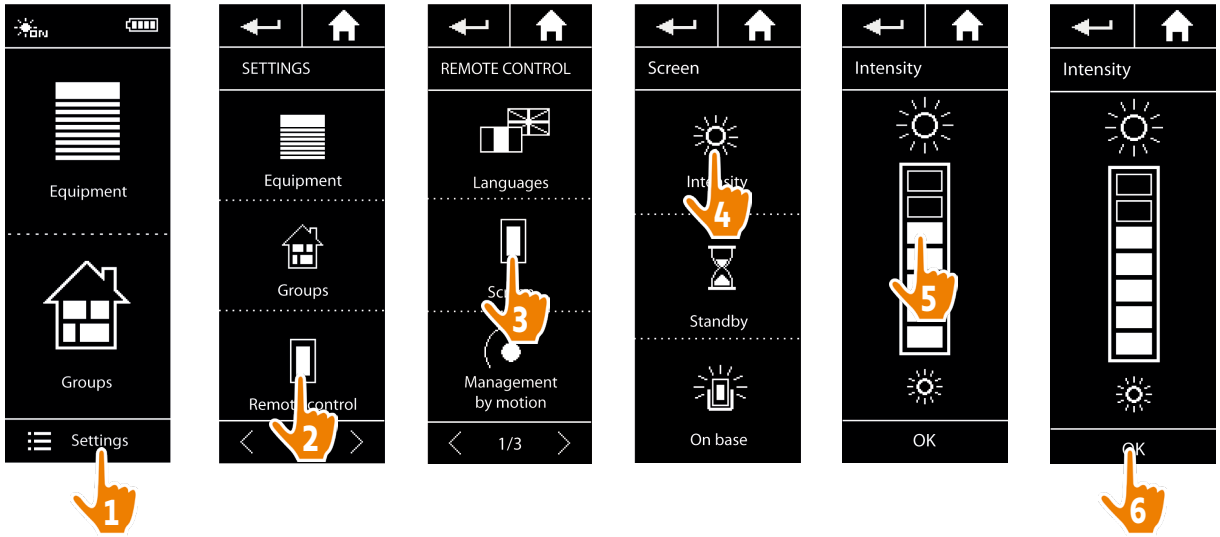
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Change screen intensity

In the **Settings** menu, select **Remote control** to access the screen settings. Select the **Intensity** icon and set it as necessary:



To select the maximum screen brightness, click on .

To select the minimum screen brightness, click on .

When Nina io is in low battery, the intensity of backlight is reduced at 30%.

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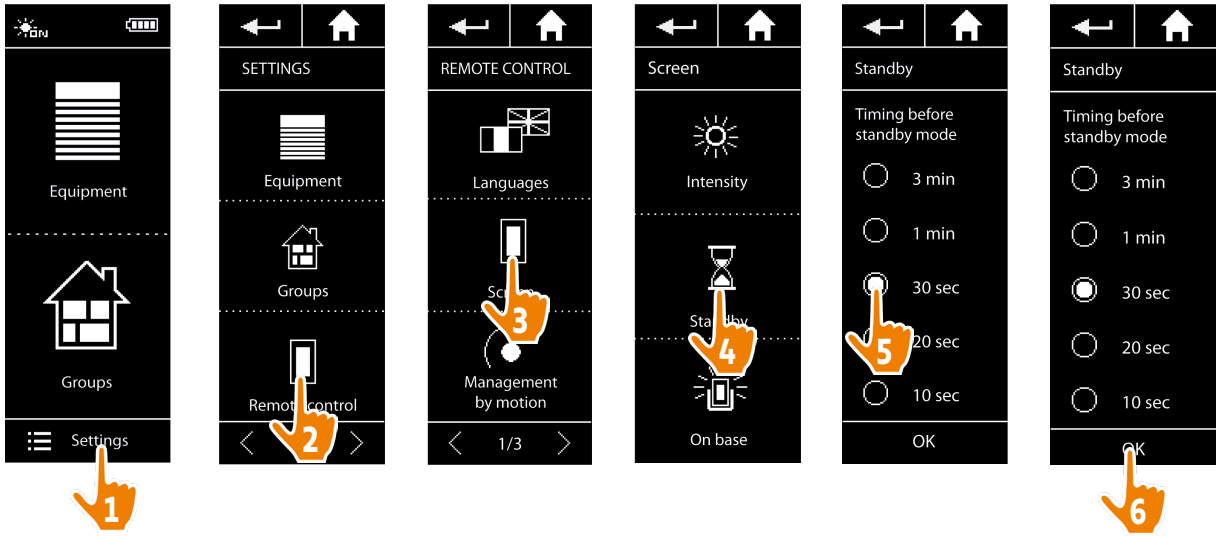
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Manage standby mode

The time of inactivity before Nina io switches in standby mode can be setted.

In the **Settings** menu, select **Remote control** to access the screen settings. Select the **Standby** icon and set the timing as necessary:



The standby mode allows to save battery life. The intensity of backlight is reduced by 50% at the half remaining time before the standby mode.

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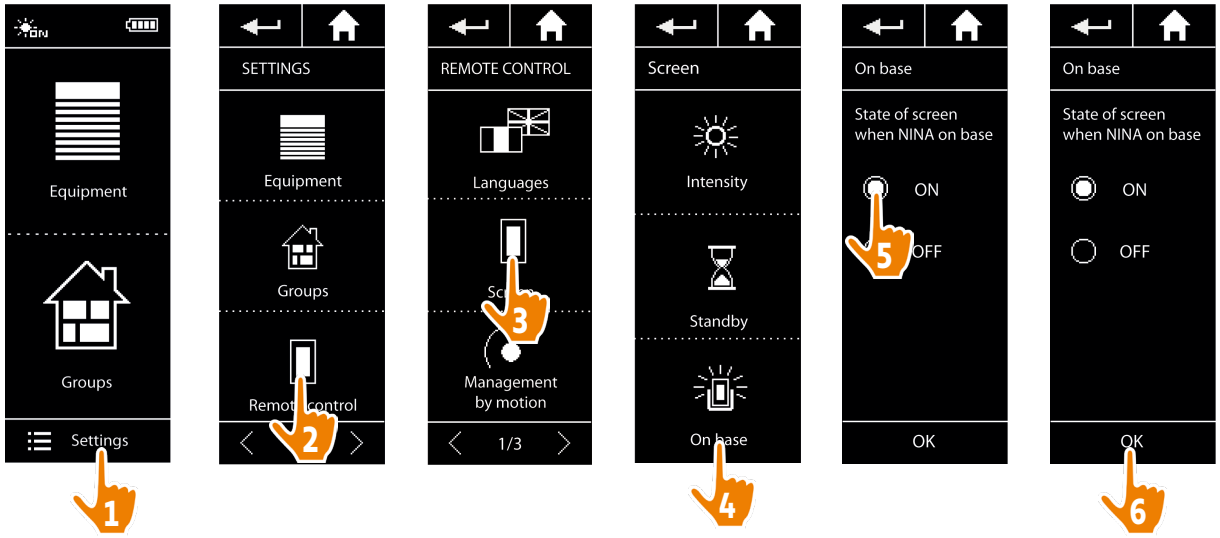
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Manage the screen status when Nina io is on its base

When Nina io is on base, it is possible to keep its screen On or Off.

In the **Settings** menu, select **Remote control** to access the screen settings. Select the **On base** icon and set the screen on ON or OFF:



By default, the screen remains On when Nina io is on its base.

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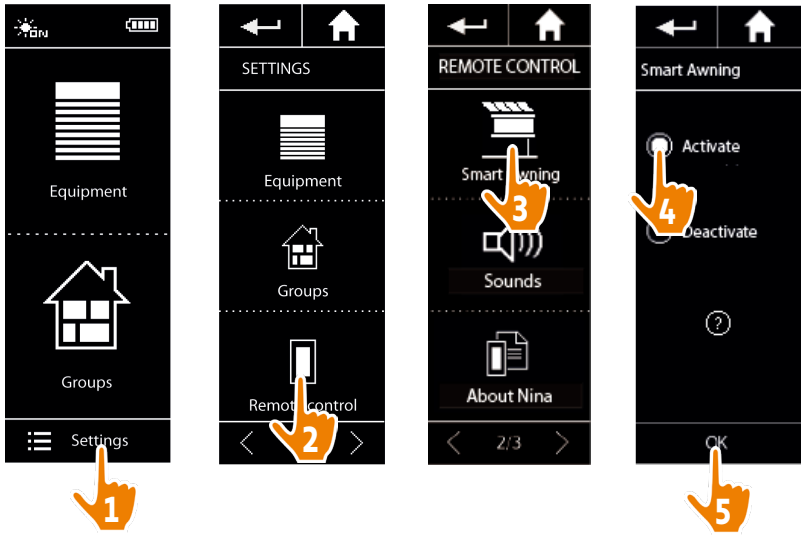
Manage the Smart Awning option

If a blind has been grouped with its valance into a "Smart Awning", they are operated together to protect the item of equipment:

> When the "Open valance" action is launched, the blind opens automatically for a few seconds, before the valance opens.

> When the "Close blind" action is launched, the valance will close automatically before the blind closes.

In the **Settings** menu, select **Remote control** to access the settings for the **Smart Awning** option and **Activate** or **Deactivate** the combined operation of the two items of equipment:



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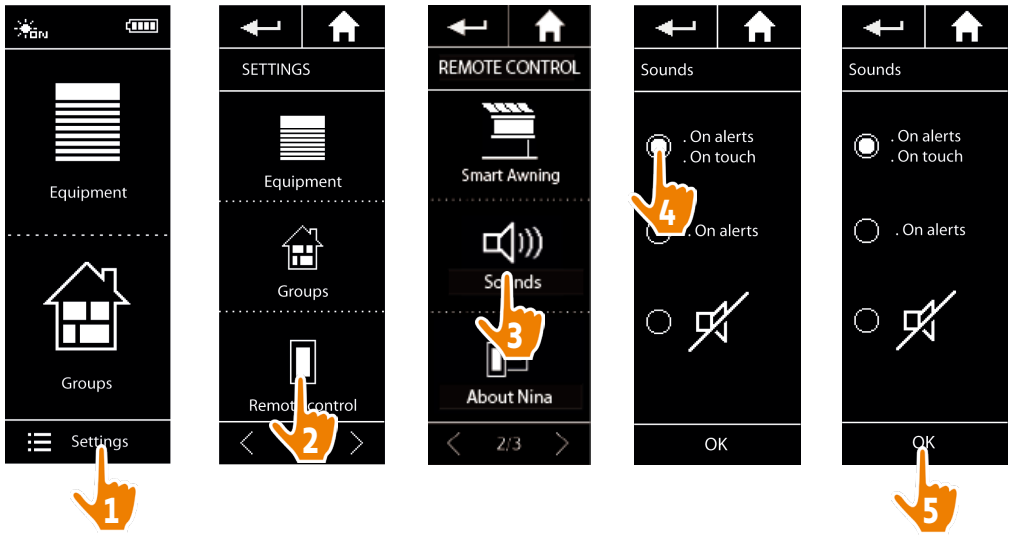
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Manage sounds

In the **Settings** menu, select **Remote control** to access the sound settings and set the sounds as desired:



There are three adjustment options: no sound, alert sounds only, or alert sounds and keyboard clicks.

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Use the reset function

You can reset Nina io, i.e. simultaneously delete all groups and scenarios.

The reset function does not delete the equipment, which are retained in the **Equipment** menu and can still be controlled. The **Remote control** settings are also retained.

In the **Settings** menu, select **Remote control** to access the **Reset** function and reset all groups/rooms:



To recreate groups and scenarios, see *Create a new group, page 36* and *Create a scenario, page 39*.

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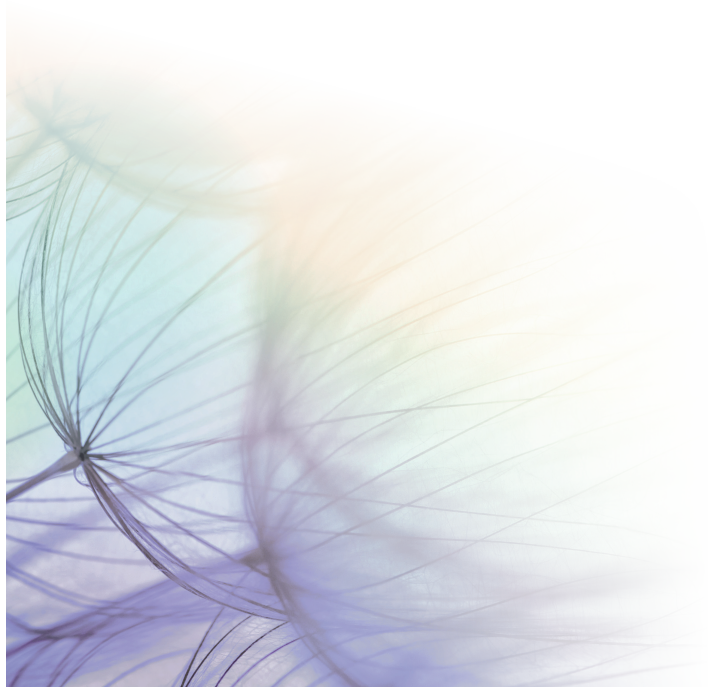
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⚠ The following functions are only for a professional motorisation and home automation installer. Any change may cause a modification of the installation.

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First installation of Nina io

The installation of Nina io remote control is guided by the product itself. From the start, Nina io displays step by step the different key stages to follow to perform the first installation.

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Pair sensors 56
Complete installation 57

Start Nina io

1. Clip the removable case onto the back of the remote control.
2. Place Nina io on its base.
3. Wait for a few seconds until the end of the welcome animation and choose a language by clicking on the corresponding tick box.
4. Click on START to start the pairing of equipment.

   > Nina io is ready for pairing.









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Pair equipment (1/2)

After the starting of the Nina io remote control, pair the equipment following the stages indicated by Nina io. Only already set equipment can be paired to Nina io.

There are 3 types of equipment:

- Equipment only associated to a individual control point (1W: without feedback)
- Equipment associated to a centralized control (2W: with feedback)
- Equipment without control point

Individual controls without feedback function can be used for control within sight of equipment in one room.

These equipment can be identified by the following symbols: 

Centralized controls with feedback function can be used to control all equipment in the home.

Users receive constant information about whether or not a command has been correctly executed, and about any problems encountered.

These equipment can be identified by the following symbols: 

The pairing must start with the 2W centralized control. If there is no 2W centralized control in the installation, pair with 1W individual controls.

The number of equipment on Nina io is limited to 60 products. A warning pop up window is displayed when the 40, 50 and 60 items of equipment step are reached.

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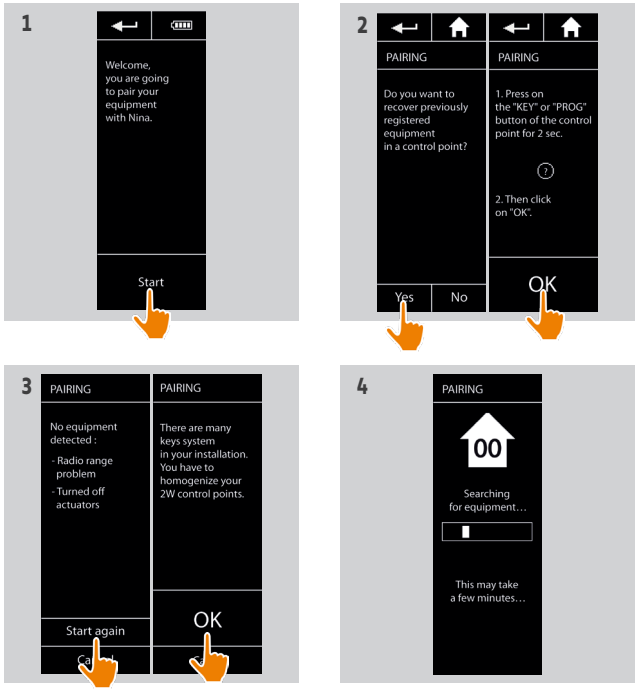
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Pair equipment (2/2)

1. Start the pairing of equipment:
   > Pre-paired items of equipment are automatically detected: place them in groups/rooms.
   > If no pre-paired items of equipment have been detected, the discovery of equipment is directly launched.
2. Discover items of equipment already registred in a control point, starting with 2W: press on **KEY** or **PROG** button of the control point for 2 seconds and then click on **OK** to launch the research.

   Click on **No** to directly search items of equipment without control point.
3. If no equipment is detected, start again the research and homogenize the 2W control points if there are too many keys system in the installation.
4. When items of equipment are detected, place them into groups.



Refer to *Place equipment into groups/rooms, page 55*.

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After the pairing of the items of equipment, place them in groups/rooms, following the stages indicated by Nina io. The detected items of equipment are displayed one by one on the remote control, in order to be placed in predefined groups.

25 predefined groups are available and 5 new groups can be created.
After the installation, only the groups containing equipment are available for utilisation, in the **Groups** menu.

- Click on **Identify** to locate the item of equipment in the installation: the corresponding item of equipment will be triggered to be easily spotted. When the item of equipment is located, click on **STOP** to stop its movement.
- Click on **Delete** to delete the displayed item of equipment.
- If required, specify the equipment profile by selecting one of the displayed options.

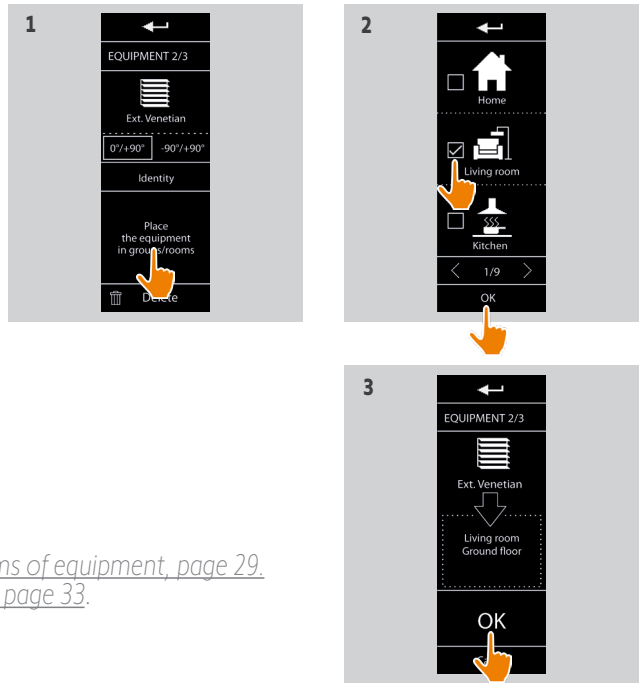
Place equipment into groups/rooms

1. For every displayed item of equipment, click on **Place the equipment in groups/rooms.**
   > The groups list is displayed.
2. Select a group by checking the corresponding box then click on **OK** to validate.

It is possible to select one or several groups for a same item of equipment by selecting one or more boxes.

> The group(s) associated to the equipment are listed.

3. Click on **OK** to save.



To customize equipment, refer to *Customize items of equipment, page 29.*
To customize groups, refer to *Customise groups, page 33*.

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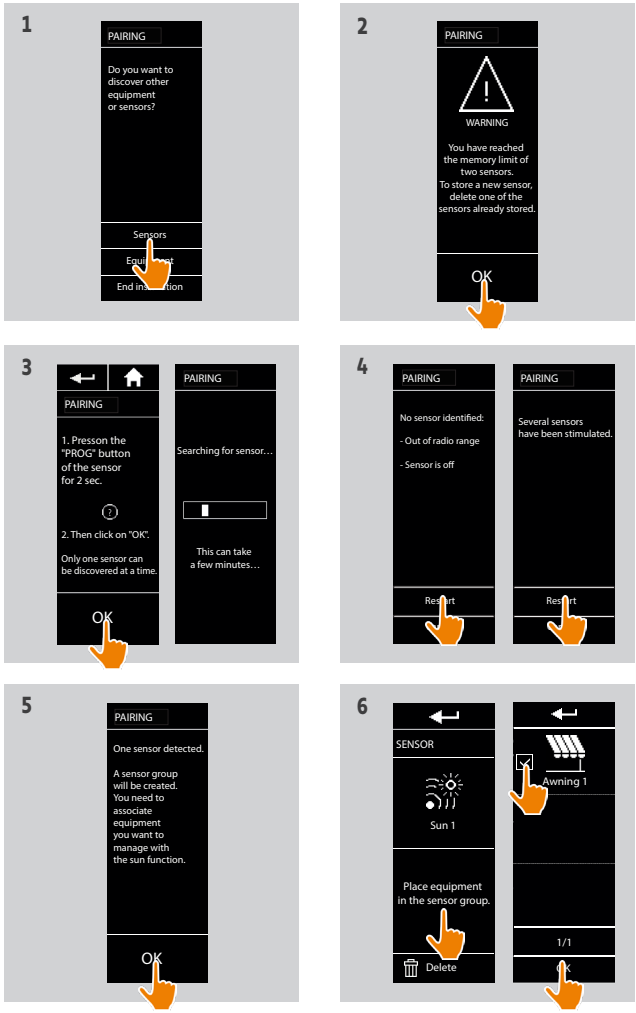
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Pair sensors

1. Select the Sensors button (if the installation contains compatible sensors).
2. If there are already two sensors stored in Nina io, the memory is full and a sensor must be removed to store another one. Click on OK.
3. If there are fewer than two sensors stored in Nina io, the following screen is displayed: press the "PROG" button for 2 seconds. Then click on OK to confirm.
   > Only one sensor can be discovered at a time.
   > To find the "PROG" button of the sensor, please read the manual.
4. Click on "Restart" if the following screens are displayed:
   > No sensor detected.
   > Several sensors stimulated.
5. If a sensor has been detected, a "Sensor" group is automatically created.
6. Associate the item of equipment that will react depending on the sunlight intensity:
   > A threshold and two scenarios are predefined by default for each sensor.

To customise each sensor (threshold, scenarios, associated equipment), see *Sunlight Function, page 24*.



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When you have retrieved the equipment and sensors, exit the **Installer** menu to access the **User** menu.

Complete installation

1. Click on **No** to exit the installation menu.

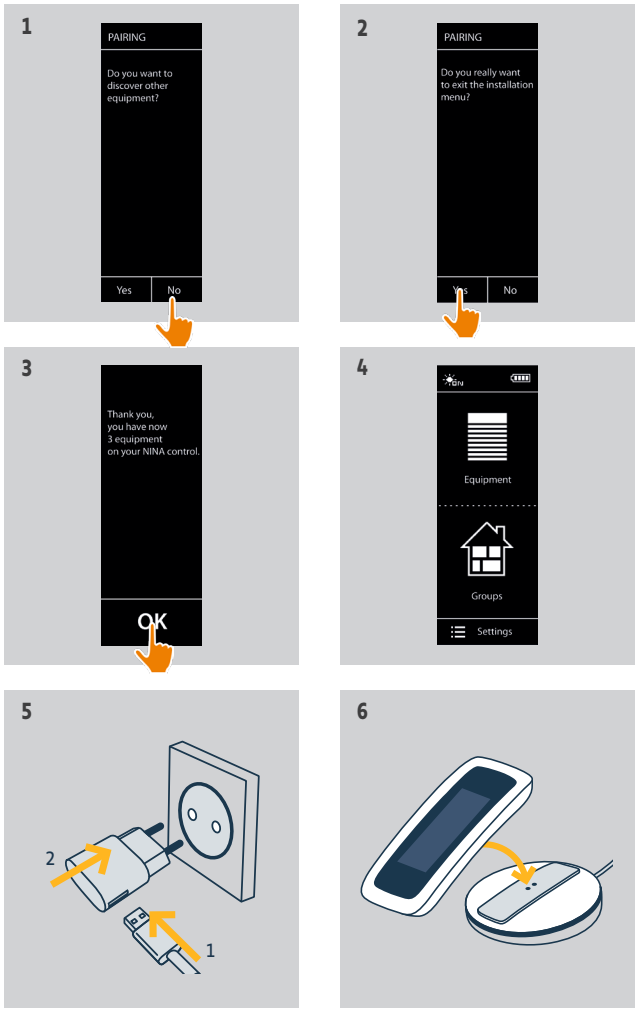
   ⓘ Click on **Yes** to return to the pairing page.

2. Confirm this choice by clicking on **Yes**.

   > The number of items of equipment associated with Nina io is displayed.

   ⓘ Click on **No** to return to the pairing page.

3. Click on **OK** to access the home page.
4. From the home screen, access all the user and installation functions by clicking on the three main menus: **Equipment**, **Groups** and **Settings**.
5. Plug the charging base into an electrical outlet.
6. Place Nina io on its base.



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Upgrading an installation already equipped with Nina io

The **Installer** functions allow a home motorisation and automation professional to configure an installation already equipped with Nina io by accessing the **Settings** menu. Nina io guides the installer step by step and displays the different key stages to follow to upgrade the installation.

Pair equipment 59
Manage the io system 60
Manage equipment 61
Reset to factory settings 62

The following functions are available to modify or customise the installation:



Pairing equipment		Pairing new equipment in the installation See *Pair equipment, page 59*.
Manage the io system		Transfer, generate and receive new keys in the io system See *Manage the io system, page 60*.
Replace equipment		Replace equipment with a new product See *Manage equipment, page 61*.
Set equipment again		Set an item of equipment again See *Manage equipment, page 61*.
Delete equipment		Delete one or more items of equipment See *Manage equipment, page 61*.
Delete sensors		Delete one or two sensors See *Manage equipment, page 61*.
Reset to factory settings		Reset the entire installation from the beginning See *Reset to factory settings, page 62*.

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Pair equipment 

There are 3 possibilities to pair equipment:

Transfer		To transfer items of equipment to control points: to a remote control with feedback  to a remote control without feedback 
Recover		To recover items of equipment from a control point and place them into groups/rooms. Refer to *Place equipment into groups/rooms, page 55*
Discover		To discover all equipment with the same key or items of equipment without control point and place them into groups/rooms. Refer to *Place equipment into groups/rooms, page 55*

All the equipment transferred to another control point remains saved in Nina io.

A remote control without feedback (1W) does not indicate when the transfer is finished: to confirm that the equipment has been transfered, all the products execute a back-and-forth movement.

The number of items of equipment on Nina io is limited to 60 products. A warning pop up window is displayed when the 40, 50 and 60 equipment steps are reached.

Only already settled equipment can be paired to Nina io.

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Manage the io system

There are 3 options for managing the io system:

Send key		To transfer a new key
Generate key		To generate a new key and send it to all the controls with feedback
Receive key		To receive a new key and transfer it to equipment of the installation

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Manage equipment

Replace equipment 

Pair the new equipment and select one or more items of equipment to be replaced.

This function is recommended to replace one or more faulty items of equipment. Nina io discovers the new equipment, gives it the name of the old equipment, and places it in the groups where the old equipment was. Only similar items of equipment can be replaced.

Set equipment again 

This function is recommended to set an item of equipment again (with Nina io, it is impossible to set equipment without prior setting).

To set an item of equipment again, the home motorisation and automation professional needs to fully know the ergonomics with a 1W control point.

Select the corresponding item of equipment and follow the usual procedure to set the item of equipment again, using the options on the screen as if it was a 1W control point.



Delete equipment 

Select the corresponding item of equipment and delete it.

One or more items of equipment can be selected to be deleted by selecting one or more boxes.

Delete sensors 

Select the corresponding sensor and delete it.

One or two sensors can be selected to be deleted by selecting one or more boxes.

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Reset to factory settings

Erases all settings made during the first installation: paired equipment, groups, scenarios, alarm code, etc.

***Reset** button and restore factory settings with the **Sleep** button*

If necessary, there are two buttons on the right on the back of the remote control:

1. Remove the back case from the remote control to access the buttons: the **Reset** button (A) is in the middle, and the **Sleep** button (B) is at the bottom.
2. To restart the remote control if it is locked or the screen is frozen: using a pen, **briefly** press the **Reset** button (A). None of the settings are lost.
3. To restore factory settings:
   > USING a pointed item (e.g. a paper clip), press the **Sleep** button (B) for at least 2 s: the green LED will flash four times and the remote control will go into forced standby mode.
   > Place the remote control on its base to exit forced standby mode and **while it is restarting** (green LED lit up), press the **Sleep** button (B) again for at least 2 s: all of the settings made are deleted.



To restart the installation from the beginning, see *First installation of Nina io, page 52*.

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⚠ If the case is not correctly clipped onto the remote control, Nina io cannot charge when it is on its base.

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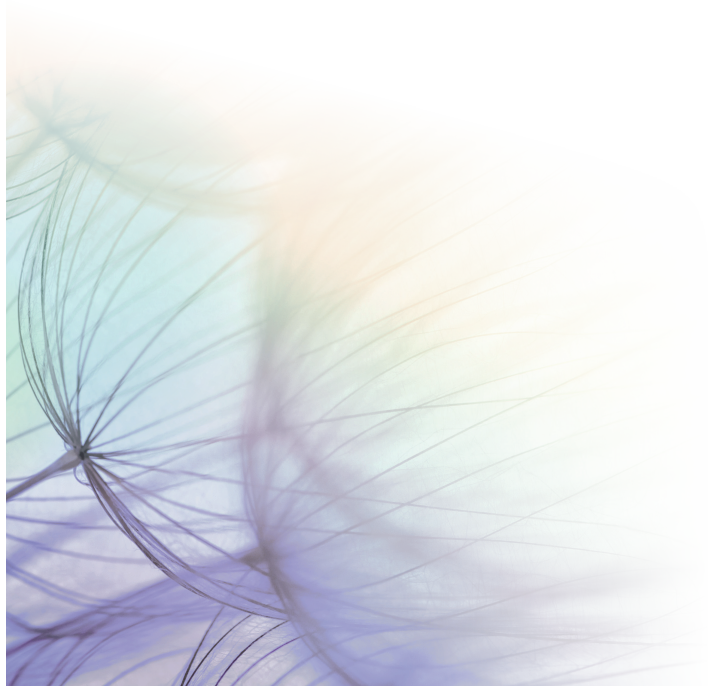
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Technical data

Power supply	5V DC via 230 V mains adapter European compatibility except with Great Britain
Sizes	Remote control: 144.7 X 60.8 X 22.4 mm Size of remote control base: height = 20 mm, diameter = 87 mm Size of remote control + base: 144.7 X 87 X 40 mm
Finish	Front face: black and white Back face/standard case: Black & Soft touch
Product battery life	**Battery life when product not on base**: For information only, not guaranteed: 10 days with 12 actions per day for an installation with 15 devices. **A power-saving mode** is activated when the product is at 25% charge. The backlight decreases in order to achieve the 10 days of battery life. **A battery level indicator** indicates the battery level.
Radio frequency	868-870 MHz io-homecontrol® Tri-band two-way
Frequency bands and Maximum power used	868.000 MHz - 868.600 MHz ERP <25 mW 868.700 MHz - 869.200 MHz ERP <25 mW 869.700 MHz - 870.000 MHz ERP <25 mW
Operating temperature	+5°C to 55°C
Charging temperature	+12°C to 39°C
Storage temperature	- 20 °C to + 60 °C
Weight	Remote control (without base): 117 g with battery Base: 153 g
Screen backlight	Guaranteed 10,000 hours at full intensity
Battery lifetime	300 charging cycles Warranty: 1 year under normal use

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Compatibility information

Nina io is compatible with all io-homecontrol® equipment.

Never begin installing without first checking the compatibility of this product with the associated equipment and accessories. If you have any doubts when installing this product and/or you wish to obtain additional information, contact a Somfy adviser or go to the website www.somfy.com.

Software version

Reference of the Nina io remote control described in this manual: 5156356A.

Nina io software version described in this manual: 5125742B02.

SOMFY ACTIVITES SA, 74300 CLUSES FRANCE hereby warrants that the radio equipment covered by these instructions conforms to the requirements of the Radio Equipment Directive 2014/53/EU and other essential requirements of the applicable European Directives.

The full text of the EU declaration of conformity is available at www.somfy.com/ce.

Philippe Geoffroy, Approval Manager, acting on behalf of the Business Director, Cluses, 01/2021.

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www.somfy.com

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