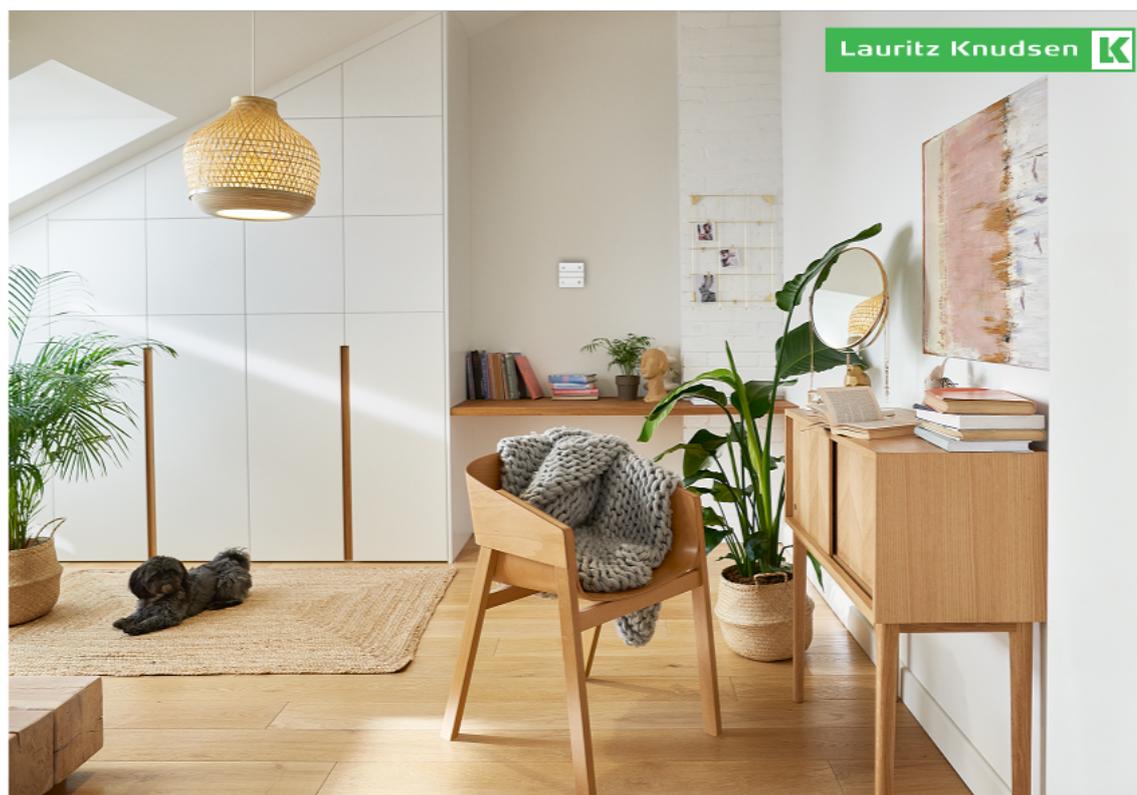


LK FUGA® Wiser wireless battery 4 button switch

Device User Guide

Information about features and functionality of the devices.

02/2023



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Safety information

Important information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that accompany this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

LK FUGA® Wiser wireless battery 4 button switch



550D6001



550D0001

For your safety

⚠ DANGER
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH
While installing the device on a wall box or an existing switch outlet combination, always isolate the 230 V AC cables by applying an adhesive silver foil on the fixing plate.
Failure to follow these instructions will result in death or serious injury.

About the device

The LK FUGA® Wiser wireless battery 4 button switch (hereinafter referred to as **Wireless Switch / Freelocate Switch / FUGA Battery Push Button**) is a battery-powered wireless switch that is used to control a group of Zigbee devices (such as light and shutter) within the same Zigbee network. The device can be configured through the Wiser app.

Features of the Wireless Switch:

- Add a Group (such as lighting and shutter control).
- Add a Moment (such as Movie Night, Good Night Moment).
- Low battery notification.

NOTE: Construction materials may cause interference which affect Gateway-to-device and device-to-device distances. In the open air, there is no interference, so the distance can be much longer.

Installing the device

Refer to the installation instruction supplied with this product.
See LK FUGA® Wiser wireless battery 4 button switch.

Quick Home Connect

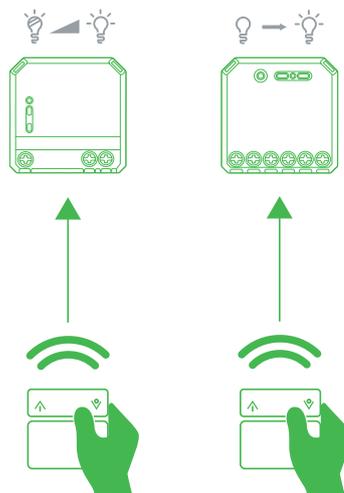
About Quick Home Connect

Quick Home Connect is your starting point for wireless home automation. It performs functions like switching and dimming using the LK FUGA® Wiser wireless battery 4 button switch (hereinafter referred to as Wireless switch) via a Zigbee network.

IMPORTANT: Applicable only for products sold as a part of Quick Home Connect kits.

Quick Home Connect is a wireless connectivity solution for Zigbee devices without the need for a Gateway or smartphone application.

The **Wireless switch** is a battery-powered wireless push-button switch that is used to control Zigbee devices (such as light) within the same Zigbee network.



Supported devices

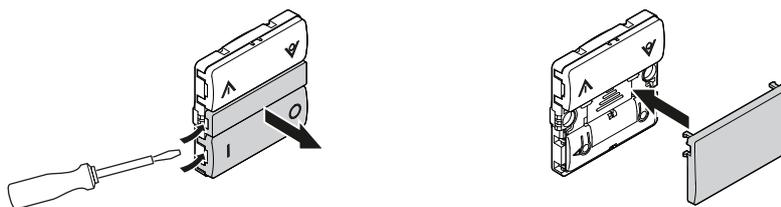
- Wiser Micro Module Dimmer (Puck)
- Wiser Micro Module Light Switch (Puck)

Pairing Wireless switch with Puck

To pair the Wireless switch to the Puck, you must put the Wireless switch and the Puck into pairing mode.

NOTE: The pairing mode will be active for about a minute.

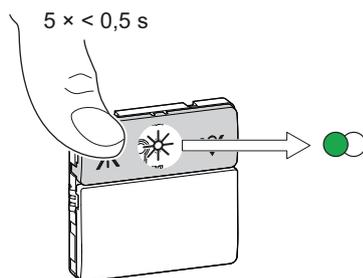
1. Replace the lower rocker of the Wireless switch and cover with the blind plate.



2. Short press the left side of the rocker 5 times in quick succession on the Wireless switch.

The status LED blinks green.

NOTE: The status LED is not directly visible.



⚠ WARNING

HAZARD OF ELECTRIC SHOCK

- Observe the regulations for working on live parts.
- Only actuate the device buttons using insulated auxiliary equipment that meets the requirements of EN 60900.

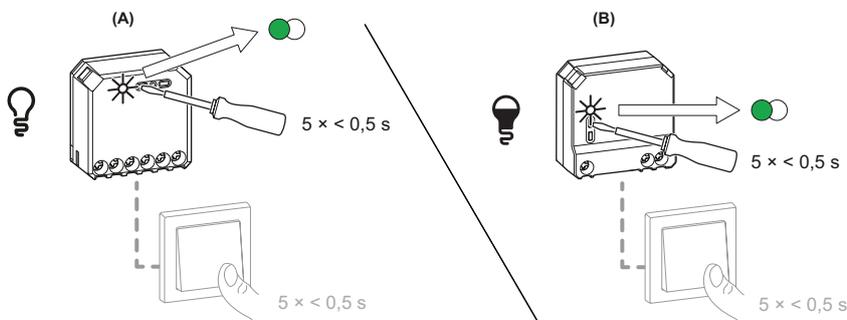
Failure to follow these instructions can result in death, serious injury, or equipment damage.

3. Follow any one of the options to pair Puck (A) Micromodule Light Switch or (B) Micromodule Dimmer:

- Short press the S/R (setup/reset) button 5 times in quick succession on the Puck with a screwdriver.
- Short press the mechanical push-button 5 times in quick succession.

The status LED blinks green on the Puck LED.

NOTE: If the Puck is located behind the mechanical push-button, the status LED is not visible.



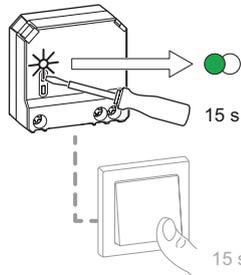
The dimmer or load (light) connected to the Puck blinks for a few times. The status LED stops blinking green on the Wireless switch and the Puck. The Puck can now be controlled by the Wireless switch.

Setting brightness level

You can set the minimum/maximum brightness of the dimmer.

IMPORTANT: Set the minimum/maximum brightness settings of the dimmer only after pairing the Wireless switch with Puck.

- To enter the dimmer settings mode, follow any one of the options:
 - Press and hold the S/R (setup/reset) button on the Puck with a screwdriver for 15 s.
 - Press and hold the mechanical push-button for 15 s.



The Puck LED will blink green and then the dimmer will blink till the settings mode is confirmed.

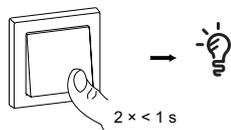
- Proceed further to set the minimum/maximum brightness settings.

The following demonstrations are shown with a mechanical push-button.

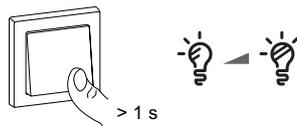
Setting minimum brightness:

- Short press the mechanical push-button 2 times.

The dimmer will reach the minimum brightness level.

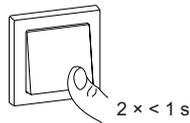


- Long press the mechanical push-button to set the minimum brightness of your choice.



- Wait for the time out for 15 s or short press the mechanical push-button 2 times to confirm the settings.

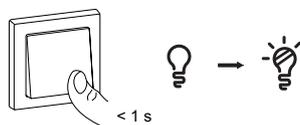
The dimmer blinks for few times indicating that the setting is saved.



- Short press the mechanical push-button to switch on the dimmer.

The dimmer is set to the minimum brightness of your choice.

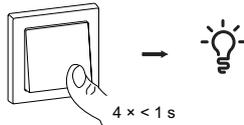
NOTE: When you set the minimum brightness, the puck automatically registers the max brightness lower as well.



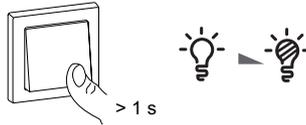
Setting maximum brightness:

1. Short press the mechanical push-button 4 times.

The dimmer will reach the current maximum brightness level.

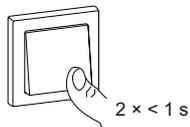


2. Long press the mechanical push-button, to set the maximum brightness of your choice.



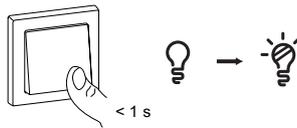
3. Wait for the time out for 15 s or short press the mechanical push-button 2 times to confirm the settings.

The dimmer blinks for few times indicating that the setting is saved.



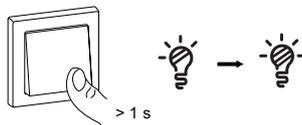
4. Short press the mechanical push-button to switch on the dimmer.

The dimmer is in the minimum brightness you set before.



5. Long press the mechanical push-button.

The dimmer is set to the maximum brightness of your choice.

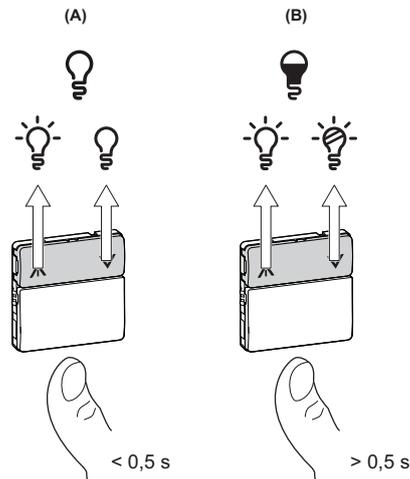


Using the Wireless switch in Quick Home Connect

Operating a dimmer

You can switch the dimmer on/off or adjust its brightness using the paired Wireless switch.

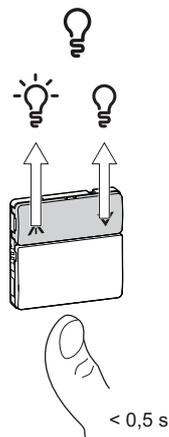
- Short press the top (Λ) or bottom (v) Wireless switch (< 0,5 s) to turn On or Off the dimmer (A).
- Long press the top (Λ) or bottom (v) Wireless switch (> 0,5 s) to increase or decrease the brightness of the dimmer (B).



Operating a light

You can turn the light on/off using the paired Wireless switch.

Short press the top (Λ) or bottom (v) Wireless switch (< 0,5 s) to turn On or Off the light.



Resetting the device in Quick Home Connect

It is necessary to reset the devices in the following scenarios:

- Unpair the device in Quick Home Connect:
 - Refer to **Resetting the Wireless switch**.
 - Refer to **Resetting the device - Micromodule Dimmer and Micromodule Light Switch**.

When reset is done successfully. The **Wireless switch** and device returns to **factory default**.

- **Integrating into Wiser System**
 - If you wish to integrate the devices into Wiser System, reset all the devices in Quick Home Connect and refer to Pairing the device with Wiser Gateway, page 11.

LED indications in Quick Home Connect

Pairing the device in Quick Home Connect

User Action	LED Indication	Status
Press the push button 5 times in quick succession.	LED blinks green, once per second. 	Pairing mode is active for 60 seconds. When pairing is completed, LED stops blinking. 

Troubleshooting in Quick Home Connect

Symptom	Possible cause	Solution
LED displays amber in Puck (Miromodule dimmer or Micromodule Light Switch).	Pairing not completed and returned to factory reset.	Pair the Wireless switch and the device again. Refer to Pairing the Wireless switch with Puck, page 6.
Wireless switch not able to control the device reliably.	The Wireless switch and the device are too far away from each other.	Place the Wireless switch in a position closer to the device.
	The Wireless switch lost pairing or battery drained.	<ul style="list-style-type: none"> • Pair the device again. Refer to Pairing the Wireless switch with Puck, page 6. • Replace the battery of the Wireless switch.

Scenario	Procedure
Central control of multiple devices with Wireless switch. (Applicable only for users with multiple Home Connect kits).	If you wish to have a centralized control with a single Wireless switch, first pair the central control Wireless switch with devices and then pair the other Wireless switch with the remaining devices.

Pairing the device with Wiser Gateway

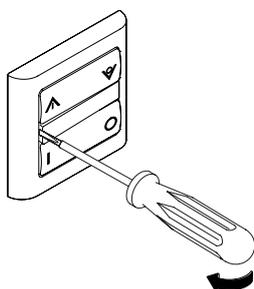
Using the Wiser app, first pair your device with the **Wiser Gateway** to access and control the device. You can either add the device manually or do an auto-scan to pair it.

Pairing device manually

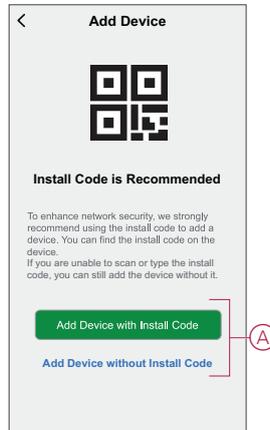
Follow the steps to pair the device manually:

NOTE: Make sure to insert the battery before pairing the device.

1. Remove the rockers using the screwdriver to view the LED.



2. On Wiser app **Home** page, tap **+**.
3. Tap , select **Wiser Hub** and tap **Done**.
4. Select any one of the options to add device (A):
 - **Add Device with Install Code**
 - **Add Device without Install Code**



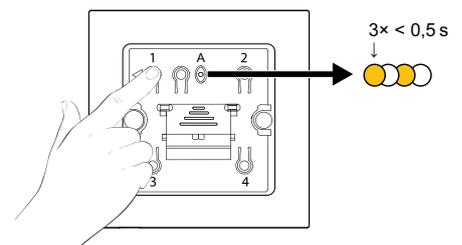
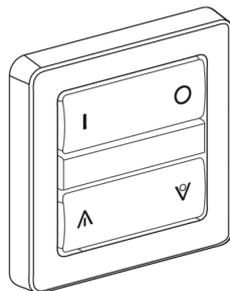
TIP: It is recommended to add the device with Install Code for security.

5. To pair the device with an install code, tap **Add Device with Install Code** to display the slide-up menu. Select any one of the options (B):
 - **Scan Install Code** - you can scan the device for the install code.
 - **Enter Install Code Manually** - you can manually enter the install code from the device.

After adding the device with Install Code, proceed to **Step 7**.

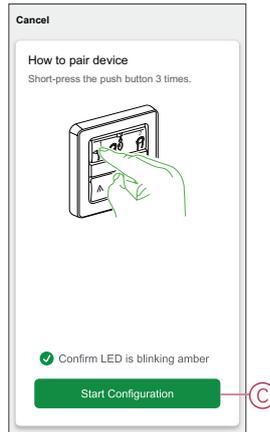


6. To pair the device without install code, tap **Add Device without Install Code**.
7. Short press the push-button on top corner 3 times.

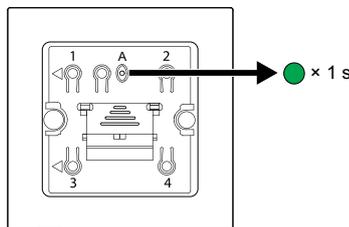


The LED blinks amber.

- In the app, select **Confirm that the LED is blinking (C)** and tap **Start Configuration**.



- After a few seconds, a solid green LED indicates that the device has been successfully paired to the Gateway/Hub.



- Once the device is added in the app, tap **Done**.

Pairing device with auto scan

Pairing the device with auto scan automatically discovers the device when the corresponding device is powered on.

NOTE: Make sure to insert the battery before pairing the device.

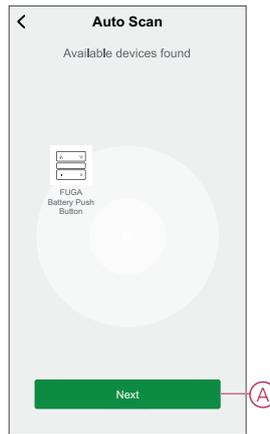
- Remove the rockers using a screwdriver to see the LED.
- On the Home page, tap **+**.
- Tap **Auto scan > Confirm**.
- Enable permissions to **Access location** and **Wi-Fi** for scanning device and tap **Start scanning**.

NOTE: If you have multiple hubs, do Step 5 or proceed to Step 6.

- Tap **Select hub** and select the Wiser hub from the slide-up menu.
- Short press the top right push button 3 times and wait for a few seconds until the device search is completed.

TIP: If you want to pair multiple devices, perform step 5 on each device and wait for a few seconds.

7. Tap **Next** (A) and select **FUGA Battery Push Button**.



8. Tap **Done** once the device is paired successfully.

Configuring the device

Changing the device icon

You can change the device icon using the Wiser app.

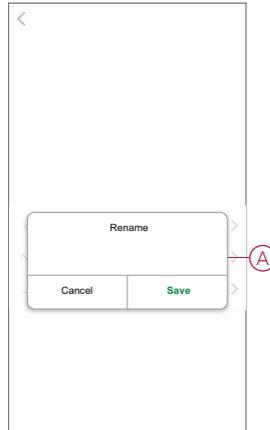
1. On the **Home** page, select the device for which you wish to change the icon.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.
4. Tap **Icon** to view the menu.
5. In the slide-up menu, select any one of the following (A) to change the device icon:
 - **Take photo** - allows you to click a photo from the mobile camera.
 - **Select from Icon Library** - allows you to select an icon from the app library.
 - **Select from Album** - allows you to select a photo from the mobile gallery.



Renaming the device

You can rename the device using the Wiser app.

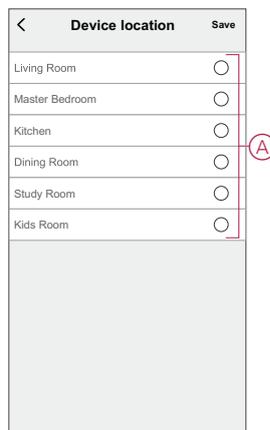
1. On the **Home** page, select the device for which you wish to rename.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.
4. Tap **Name**, enter the new name (A) and then tap **Save**.



Changing the device location

You can change the device location using the Wiser app.

1. On the **Home** page, select the device for which you wish to change the location.
2. At the top-right corner of the screen, tap .
3. Tap edit  next to the device name.
4. Tap **Location**.
5. Select the desired location from the list (A) and then tap **Save**.

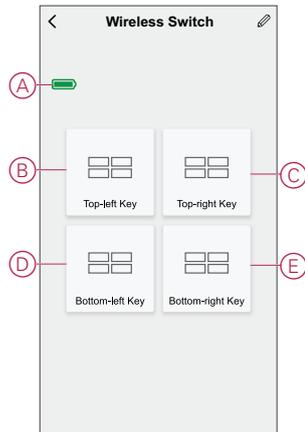


Using the device

The control panel of the Wireless Switch allows you to add lighting group, shutter group and moment to each push button.

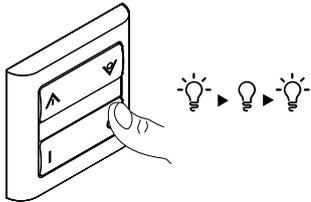
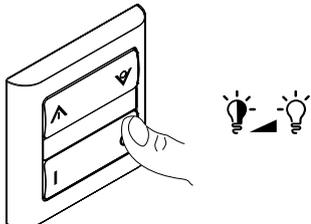
On the Wireless Switch control panel, you can see the following:

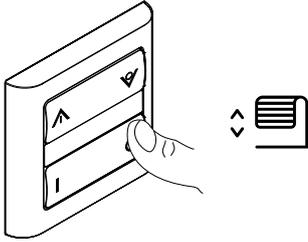
- Battery level (A)
- Top left key (B)
- Top right key (C)
- Bottom left key (D)
- Bottom right key (E)



NOTE: The app assigns both top and bottom keys to a lighting and shutter group, while any one key is assigned to a moment.

Functions of the Wireless Switch push button:

Group	Devices	Push button function
Lighting group	Switch	<ul style="list-style-type: none"> • Turn on: Single press top key • Turn off: Single press bottom key 
	Dimmer	<ul style="list-style-type: none"> • Turn on: Single press top key • Turn off: Single press bottom key • Increase brightness: Long press top key • Decrease brightness: Long press bottom key 

Shutter group	Shutter	<ul style="list-style-type: none"> • Open: Long press top key • Stop opening: Single press top/bottom key • Close: Long press bottom key • Stop closing: Single press top/bottom key 
Moment	Triggers the devices that are added in a moment	<ul style="list-style-type: none"> • Turn on: Single press the key <p>NOTE: You cannot turn off a moment. To go back to it's previous state, you need to create another moment, page 23 for that.</p>

Lighting group

Using the Wiser app, you can create lighting groups and assign them to one or more wireless switch push buttons.

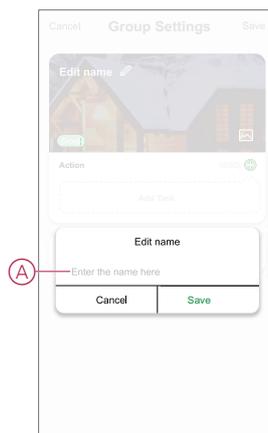
TIP: A lighting group can be assigned to left top/bottom keys or the right top/bottom keys or both.

Adding a lighting group

To add a lighting group to the top and bottom left key:

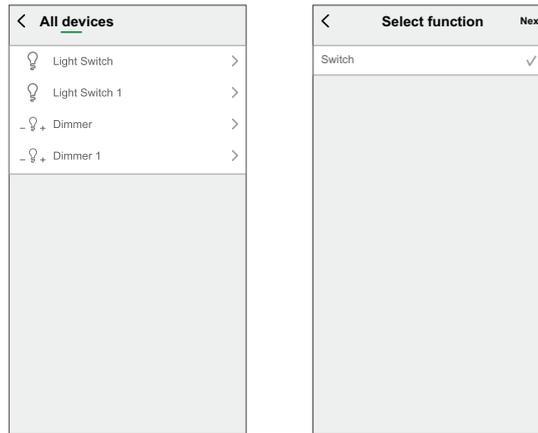
1. On the Home page, tap **All devices > Connected Wireless Switch**.
2. On the control panel page, tap **Top left key > Lighting Group > +**.
3. Tap **Edit name** , enter the group name (A) and tap **Save**.

TIP: You can choose the cover image that represents your group by tapping .



4. Tap **Add Task** to select any device from the list and tap **Next**.

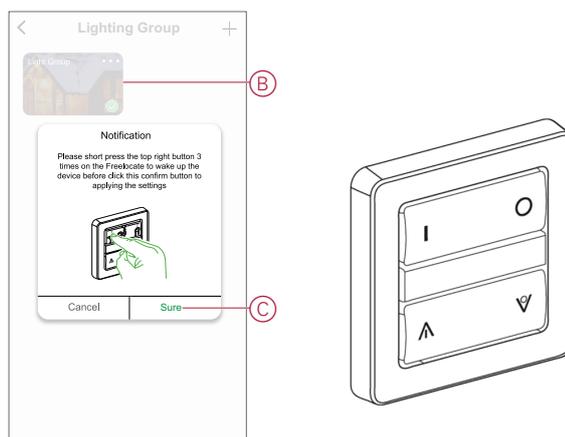
NOTE: You can add one or more actions using .



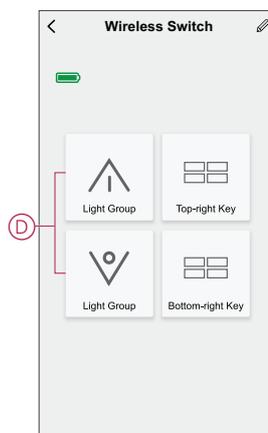
5. Once all the actions are set, tap **Save**.

6. On the **Lighting Group** page, select the light group (B) you want to assign to the push button.

7. Short press the top right push button 3 times to activate the device and tap **Sure** (C) on the app.



The lighting group is now added to the top and bottom left key (D).

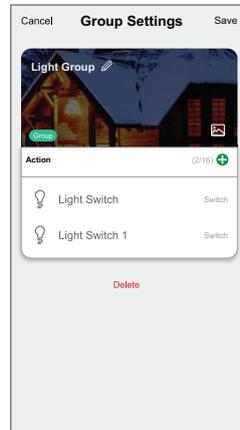


NOTE: If you add a shutter/moment group to the top/bottom left key, then the app removes the lighting group from the top/bottom left key.

Editing a lighting group

To edit a lighting group:

1. Navigate to **Connected Wireless Switch > Top left key > Lighting Group**.
2. Locate the lighting group you want to edit and tap ●●●.
3. On the **Edit** page, you can tap each item to change the settings and tap **Save**.



TIP:

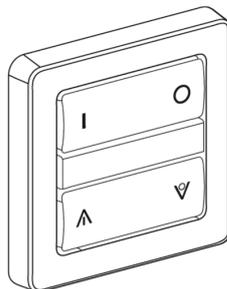
- You can add one or more actions using .
- To delete an existing action, slide the each item towards left and tap **Delete**.

Unbinding a lighting group

Unbinding the lighting group allows you to remove the lighting group from the assigned keys without deleting the lighting group.

To unbind a lighting group:

1. Go to the control panel and tap **Top left key**.
2. Tap **Unbind**.
3. Short press the top right push button 3 times on the **Wireless Switch** to activate the device and tap **Sure** on the app notification.



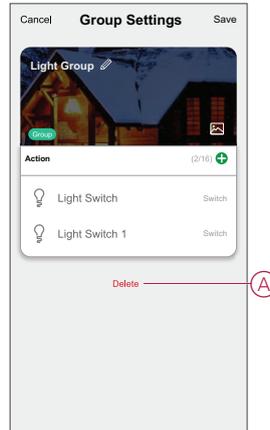
The lighting group is now removed from the top and bottom left key.

Deleting a lighting group

To delete a lighting group:

1. Navigate to **Connected Wireless Switch > Top left key > Lighting Group**.
2. Locate the lighting group you want to delete and tap ●●●.
3. Tap **Delete (A)**.

NOTE: Deleting a lighting group will unbind the lighting group from the keys.



Shutter group

Using the Wiser app, you can create shutter groups and assign them to one or more wireless switch push buttons.

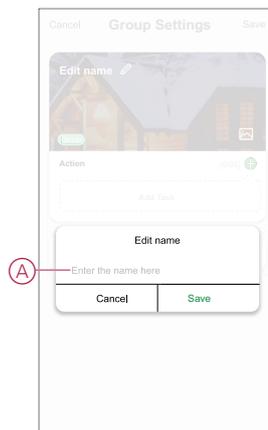
TIP: A shutter group can be assigned to the left top/bottom keys, the right top/bottom keys or both.

Adding a shutter group

To add a shutter group to the top and bottom right key:

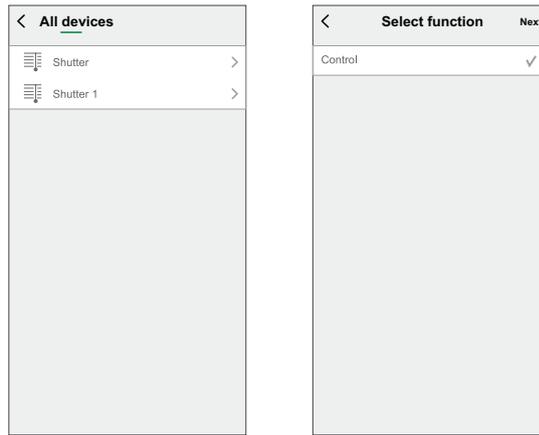
1. On the **Home** page, tap **All devices > Connected Wireless Switch**.
2. On the control panel page, tap **Top right key > Shutter Group > +**.
3. Tap **Edit name** , enter the group name (A) and tap **Save**.

TIP: You can choose the cover image that represents your group by tapping .



4. Tap **Add Task** to select any device from the list and tap **Next**.

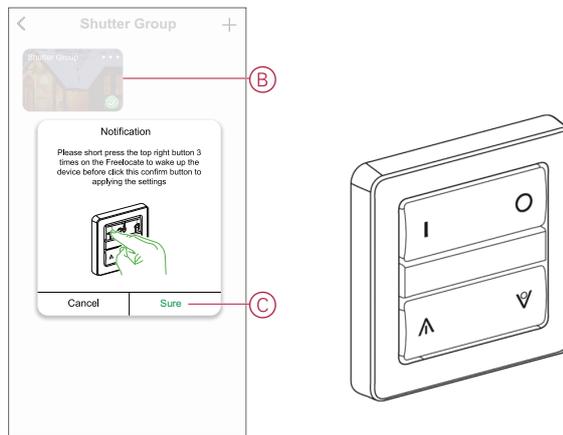
NOTE: You can add one or more actions using .



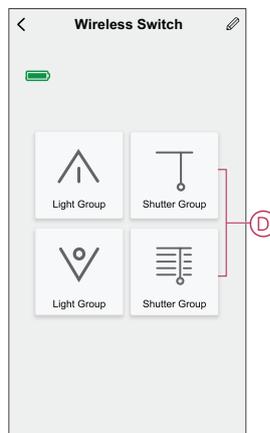
5. Once all the actions are set, tap **Save**.

6. On the **Shutter Group** page, select the shutter group (B) you want to assign to the push button.

7. Short press the top right push button 3 times on the **Wireless Switch** to activate the device and tap **Sure** on the app.



The shutter group is now added to the top and bottom right key (D).

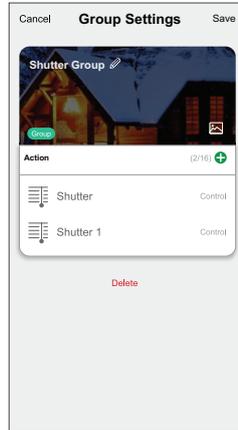


NOTE: If you add a lighting/moment group to the top/bottom right key, then the app removes the shutter group from the top/bottom right key.

Editing a shutter group

To edit a shutter group:

1. Navigate to **Connected Wireless Switch > Top right key > Shutter Group**.
2. Locate the shutter group you want to edit and tap ●●●.
3. On the **Edit** page, you can tap each item to change the settings and tap **Save**.



TIP:

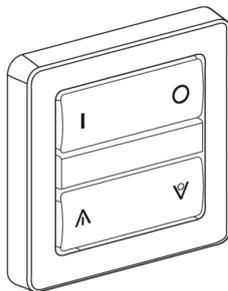
- You can add one or more actions using .
- To delete an existing action, slide the each item towards left and tap **Delete**.

Unbinding a shutter group

Unbinding the shutter group allows you to remove the shutter group from the assigned keys without deleting the shutter group.

To unbind a shutter group:

1. Go to the control panel and tap **Top right key**.
2. Tap **Unbind**.
3. Short press the top right push button 3 times on the **Wireless Switch** to activate the device and tap **Sure** on the app notification.



The shutter group is now removed from the top and bottom right keys.

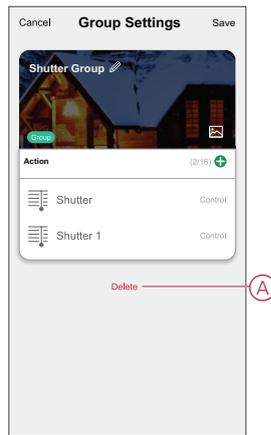
Deleting a shutter group

To delete a shutter group:

1. Navigate to **Connected Wireless Switch > Top right key > Shutter Group**.
2. Locate the shutter group you want to delete and tap ●●●.

3. Tap **Delete** (A).

NOTE: Deleting the shutter group will unbind the shutter group from the keys.



Moments

A Moment allows you to group multiple actions that are usually performed together. Using the Wiser app, you can create moments based on your needs (such as movie night) and configure them to the Wireless Switch push buttons.

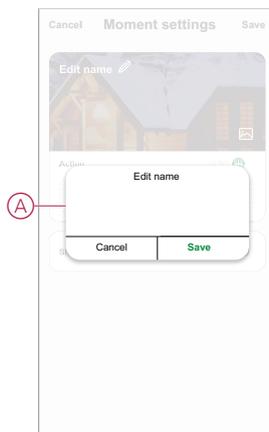
TIP: A moment can be assigned to any of the four keys individually.

Creating a moment

To create a moment:

1. On the **Home** page, tap .
2. Go to **Moment** > **+** to create a moment.
3. Tap **Edit name** , enter the group name (A) and tap **Save**.

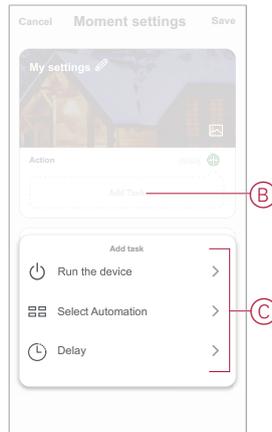
TIP: You can choose the cover image that represents your moment by tapping .



4. In the **Action** section, tap **Add task** (B) to open the slide-up menu.

5. In the **Add task** menu, you can do either or all of the following actions (C):
 - Run the device - Select the devices that you want in a moment.
 - Delay - Set the delay time.

NOTE: You can add one or more actions using .



6. Tap **Run the device** and select the devices and its function you want to add and tap **Next**.

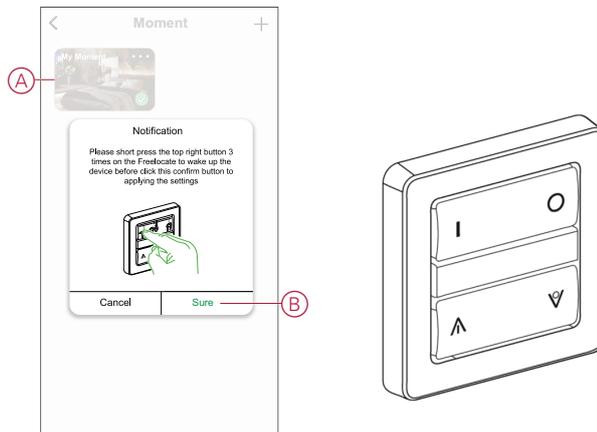
EXAMPLE: If you want to open a curtain, then tap **Curtain Switch > Control > Open** and tap **Save**.
7. Once all the actions are set, tap **Save**.

TIP: You can navigate to **Connected Wireless Switch > Top right key > Moment** and tap **+** to create a moment.

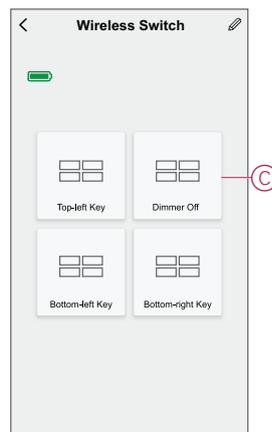
Adding a moment to the wireless switch

Using the Wiser app, you can add a moment to the Wireless Switch push buttons. To add a moment to the Wireless Switch key(s):

1. On the **Home** page, tap **All devices > Connected Wireless Switch**.
2. On the control panel page, tap **Top right key > Moment**.
3. Select a moment from the list of created moments (A).
4. Short press the top right push button 3 times on the **Wireless Switch** to activate the device and tap **Sure** (B) on the app.



The moment is now added to the **Top right key** (C).



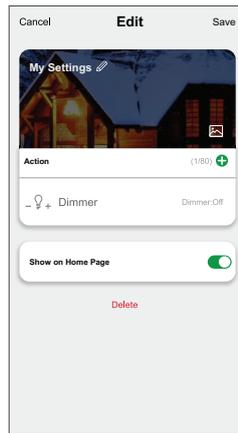
NOTE: If you add a lighting/shutter group to the bottom right key, then the app removes the moment from the top right key.

Editing a moment

To edit a moment:

1. Navigate to **Connected Wireless Switch > Top right key > Moment**.
2. Locate the moment you want to edit and tap ●●●.

3. On the **Edit** page, you can tap each item to change the settings and tap **Save**.



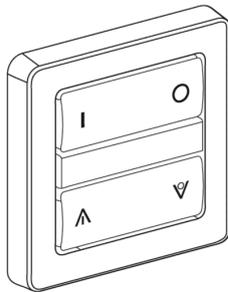
TIP:

- You can add one or more actions using .
- To delete an existing action, slide the each item towards left and tap **Delete**.

Unbinding a moment

Unbinding the moment allows you to remove the moment from the assigned keys without deleting the moment.

1. In control panel, tap and hold **Top right key**.
2. Select the moment and then tap **Unbind**.
3. Short press the top right push button 3 times on the **Wireless Switch** to activate the device and tap **Sure** on the app notification.



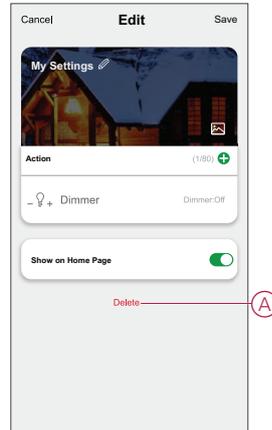
The moment is now removed from the top right key.

Deleting a moment

To delete a moment:

1. Navigate to **Connected Wireless Switch > Top right key > Moment**.
2. Locate the moment that you want to delete and tap ●●●.
3. Tap **Delete (A)**.

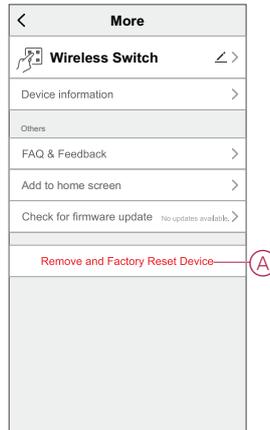
NOTE: Deleting the lighting group will unbind the lighting group from the keys.



Removing the device

Using the Wiser app, you can remove a device from the device list.
To remove the device:

1. On the **Home** page, tap **All devices** > **Connected Wireless Switch**.
2. Tap  to display more details.
3. Tap **Remove and Factory Reset Device** (A) and short press the top-right push button 3 times to activate the device.



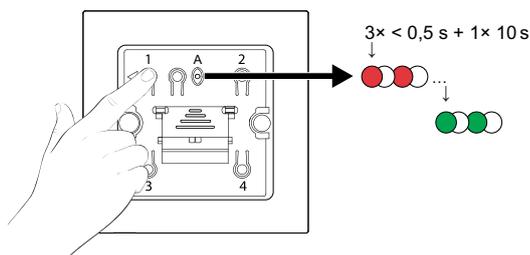
TIP: On the home page you can tap and hold the **Connected Wireless Switch** to remove the device.

NOTE: By removing the device, you will reset the device. If you still have a problem with the reset, refer to [resetting the device](#), page 28.

Resetting the device

You can reset the **Wireless Switch** to factory default manually.
To reset the Wireless Switch:

1. Short press the top-right push button 3 times (< 0.5 s) and then press and hold the push button (>10 s).
2. After 10 s, LED starts blinking red, then release the push button.



The wireless switch restarts and blinks green for a few seconds.

NOTE:

- After reset, the LED turns off to save the battery.
- All configuration data, user data, and network data are deleted.

Replacing the battery

Replace the device battery when the level is low or critically low. The battery level can be seen in the app.

Follow the steps to replace the battery from the device:

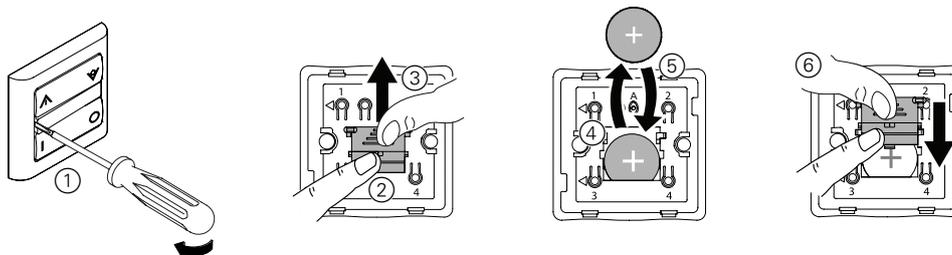
⚠ WARNING
CHEMICAL BURN HAZARD
Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
Failure to follow these instructions can result in death, serious injury, or equipment damage.

NOTICE
EQUIPMENT DAMAGE
The device is locked on the fixing plate with retaining claws. Never pull the device before sliding it upwards.
Failure to follow these instructions can result in equipment damage.

1. Remove the rockers from the mould.
2. Press and hold the battery cover with your thumb.
3. Slide the battery cover with another thumb to remove.
4. Remove the old battery and press any push button on the device for a few seconds.

NOTE: Dispose the used batteries, as per statutory regulations.

5. Insert the battery with plus (+) symbol facing outward
6. Secure the battery cover.



LED indications

Pairing the device

User Action	LED Indication	Status
Press the push button 3 times	LED blinks orange, once per second. 	Pairing mode is active for 30 seconds. When pairing is completed, LED displays solid green for a few seconds, before turning Off. 

Resetting the device

User Action	LED Indication	Status
Press the push button 3 times and hold it down once for > 10 s.	LED blinks red, once per second. 	The device is in reset mode. The device then restarts and the LED starts blinking green, before turning Off. 

Battery level

LED Indication	Status
LED blinks red once, when a push button is pressed. 	The battery is low (< 10%), Replace the Wireless Switch battery, page 29. NOTE: A notification pop-up will appear on the app.

Troubleshooting

Symptom	Possible cause	Solution
LED blinks red.	The Wireless Switch battery is low or drained.	Replace the Wireless Switch battery, page 29. NOTE: A notification pop-up will appear on the app.
The Wireless Switch displays offline in the app.	The Wireless Switch battery is low or drained.	Replace the Wireless Switch battery, page 29.
	The Wireless Switch is disconnected from the network.	Press any push button on the Wireless Switch. NOTE: The first press does not trigger Wireless Switch operation.

Technical Data

Battery	CR2032
Battery life	Up to 5 years (depending on frequency of use and quality of battery)
IP rating	IP20
Operating frequency	2405-2480 MHz
Max. radio-frequency power transmitted	<10 mW
Range	100 m open space
Operating temperature	-10 °C to 50 °C
Relative humidity	10% to 95%
Communication protocol	Zigbee 3.0

Compliance

Compliance information for Green Premium products

Find and download comprehensive information about Green Premium products, including RoHS compliance and REACH declarations as well as Product Environmental Profile (PEP) and End-of-Life instructions (EOLI).

General information about Green Premium products

Click the link below to read about Schneider Electric's Green Premium product strategy.

<https://www.schneider-electric.com/en/work/support/green-premium/>

Find compliance information for a Green Premium product

Click the link below to search for a product's compliance information (RoHS, REACH, PEP and EOLI).

NOTE: You will need the product reference number or product range to perform the search.

<https://www.reach.schneider-electric.com/CheckProduct.aspx?cskey=ot7n66yt63o1xblflyfj>

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