Iconic Connected Switch 2AX

Device user guide

Information about features and functionality of the device.
08/2024

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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.

Iconic Connected Switch 2AX

41E2PBSWMZ-VW (Zigbee®)

41E2PBSWM-VW (Bluetooth®)

For your safety

⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the device must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Lock out and tag the input circuit before accessing the wiring connections.
- The Locking Bar on the grids must be set to the Closed position to ensure that the device cannot be removed during normal operation.
- There are no user serviceable parts inside the device.

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

NOTICE

EQUIPMENT DAMAGE HAZARD (LOAD AND OPERATION)

- Operation of the device at elevated temperatures or voltages outside of specification (240 V A.C. and 25 °C) may cause the over-temperature protection circuitry to operate.
- Reduce the size of the connected load or use a different brand of fan to prevent recurrence.
- Do not operate the product for prolonged periods in extreme conditions.

Failure to follow these instructions can result in equipment damage.

About the device

The Iconic Connected Switch 2AX operates as a switch “out-of-the-box”, with no configuration needed. The switch is available with both Bluetooth and Zigbee connectivity.

- **Switch with Zigbee default mode**:

  The switch can optionally be used as one device in a Wiser Hub network. To do this, the switch must be paired to the Wiser Hub via the Wiser by SE app.

- **Switch with BLE default mode**:

  The switch can be paired to a mobile phone and the Wiser by SE app. In this case, the switch can be optionally configured as a delay timer/run-on timer. The switch LED indicator behaviour can also be configured, if desired.

Installing the device

Refer to the installation instruction supplied with this product.

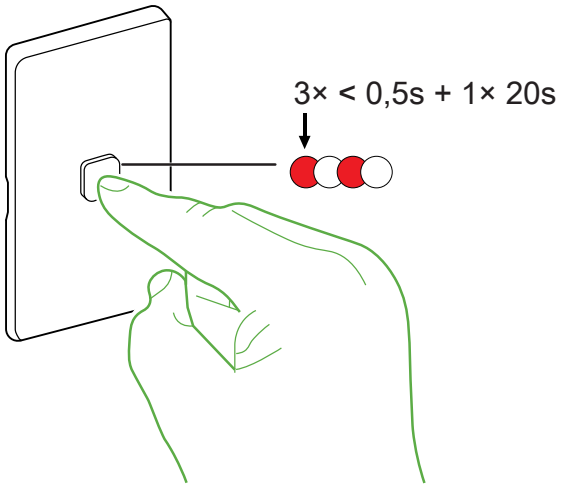
See Iconic Connected Switch 2AX, Zigbee/BLE.

Changing device protocol

The communication protocol of the device can be changed from Zigbee to Bluetooth and Bluetooth to Zigbee.

Reset the device before changing device protocol. Refer resetting the device, page 31.

Short press the push-button 3 times and then long press the push-button once (> 20s).



Red led flash rapidly indicating commence of protocol change.

On successful change in protocol:

- Zigbee to Bluetooth - No colour indication, white back light only.
- Bluetooth to Zigbee - Flashing Amber LED (Indicating that device is in pairing mode), if pairing is not completed will become solid Amber.

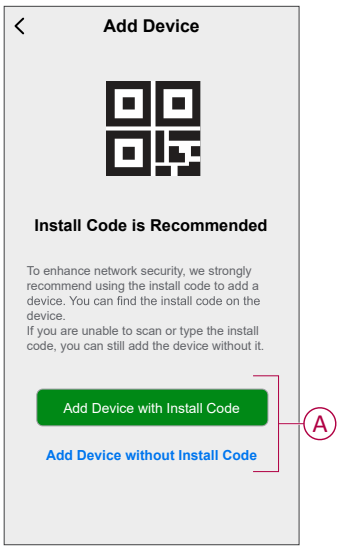
Pairing the device

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

Pairing Zigbee device manually

You can pair the device to Wiser system manually with or without installed code.

1. On **Home** page, tap **+**.
2. Tap and select the required **Wiser Hub** on the slide-up menu.
3. Select an option to add the device (A):
   – **Add Device with Install Code**
   – **Add Device without Install Code**



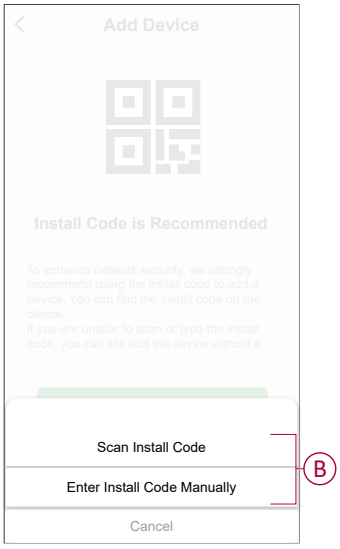
TIP: It is recommended to add the device with install code.

4. To pair the device with 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.

     TIP: You can find the QR code on the top of the device.
   – **Enter Install Code Manually**: you can manually enter the install code from the device.

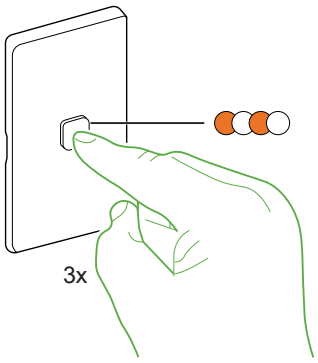
     TIP: You can find the install code on the bottom of the device.

   After scanning or entering the install code, proceed to **Step 6**.



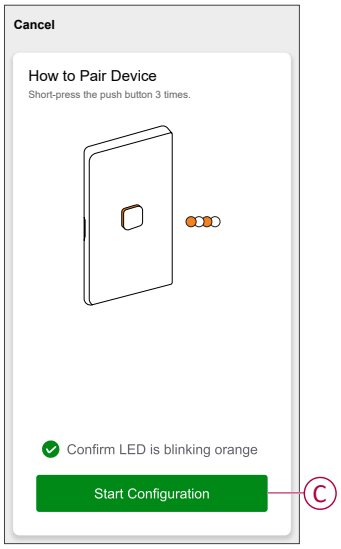
5. To pair the device without install code, tap **Add Device without Install Code**.

6. Short press the push-button 3 times.

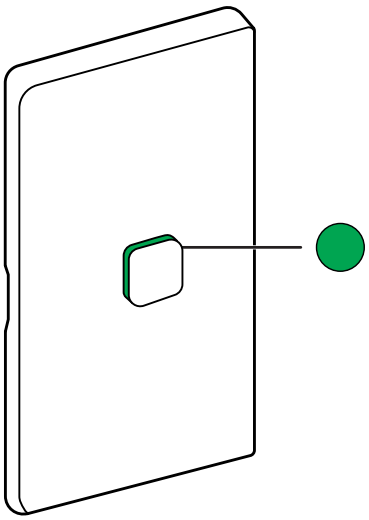


The LED blinks orange.

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



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



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

Pairing Zigbee device with auto scan

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

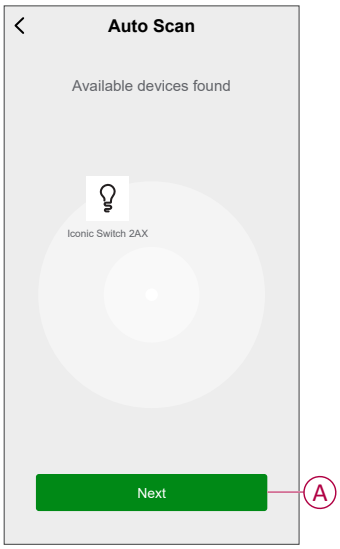
To pair the device with auto scan:

1. On the **Home** page, tap **+**.
2. Tap **Auto scan > Confirm**.
3. Enable permissions to **Access location** and **Wi-Fi** for scanning device and tap **Start scanning**.

   NOTE: If you have multiple hubs, do Step 4 or proceed to Step 5.
4. Tap **Select hub** and select the Wiser hub from the slide-up menu.
5. Short-press the push button three times.

   NOTE: Wait for a few seconds until the device search is complete.

   TIP: If you want to pair multiple devices at once, perform step 5 on each device and wait for a few seconds for them to be detected.
6. Tap **Next** (A), select **Iconic Switch**.



7. Once the device is added successfully, tap **Done**.

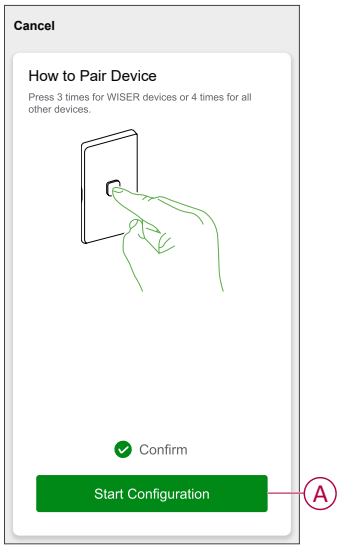
Pairing Bluetooth device manually

Using the Wiser app, you can pair the device with smartphone to access and control the device.

NOTE: When pairing the Bluetooth device with the Wiser app, be within a range of 8 to 10 m of the module. Range can be affected by wall thickness and construction materials.

1. On **Home** page, tap **+** then tap .

2. Short press the push-button 3 times (< 0,5 s). In the app, select **Confirm** and tap **Start Configuration** (A).



NOTE: Enable permissions to nearby devices and Bluetooth for scanning the device.

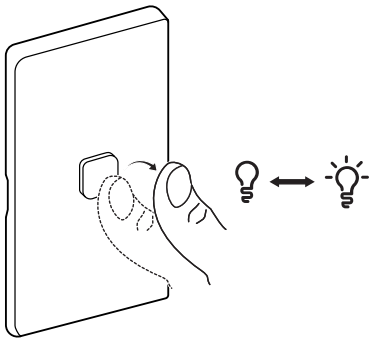
3. Tap ⊕ to select and add the device from the list and then tap **Next** > **Done**.

NOTE: The device can be paired with max. 8 smartphones. To pair an additional phone, you must unpair one of the existing phones. Refer managed paired phones, page 27.

Switching on/off the device manually

You can switch on/off the device manually. The device will provide power to the electrical appliance connected to it.

Short press the push button once to turn on/off the iconic switch.



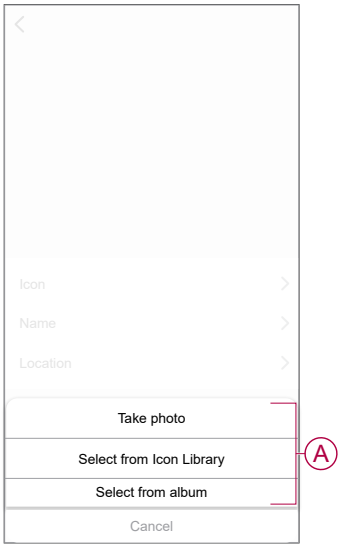
Configuring the device

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 ✎.

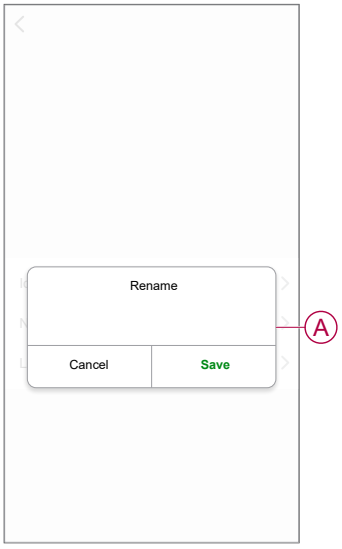
3. Tap edit next to the device name.
4. Tap **Icon** to view the menu.
5. In the slide-up menu, select any one of the following (A) to change the device icon:
   - **Take photo**: Allows you to take a photo with your mobile camera.
   - **Select from Icon Library**: Allows you to select an icon from 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.

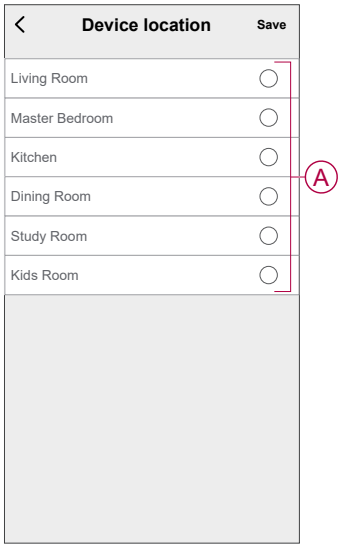
1. On the **Home** page, select the device for which you wish to rename.
2. At the top-right corner of the screen, tap .
3. Tap edit next to the device name.
4. Tap **Name**, enter the new name (A) and then tap **Save**.



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**.



Zigbee Mode

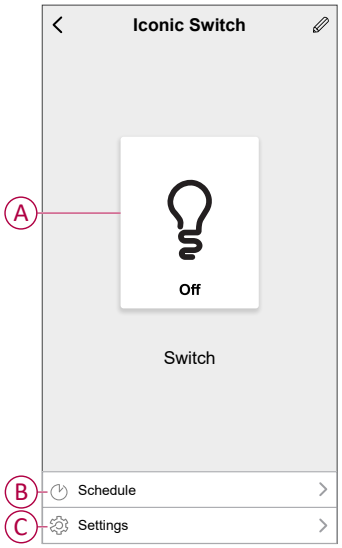
Using the device

The Control Panel allows you to switch on/off and control various settings.

On the **Home** page, tap **All devices** > **Iconic Switch** to access the control panel.

On the control panel page, you can see the following:

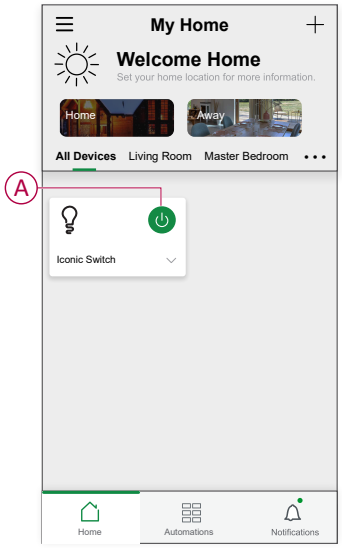
- The current state of the Switch (A)
- Schedule, page 14 (B)
- Settings, page 15 (C)



Switching on/off the device using app

By using the Wiser app, you can switch on/off the device.

On the **Home** page, tap the power button (A) to switch on/off.



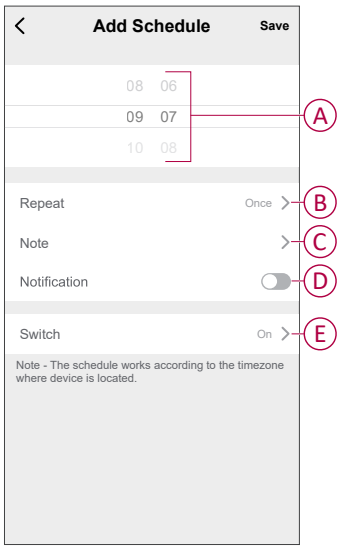
TIP: You can also navigate to control panel of the device and tap to switch on/off. The control panel always shows the current state of the switch.

Setting up a schedule

The device can be fully controlled by schedule. Once the schedule is set, the device operates at a given time.

1. In the device control panel, tap **Schedule** > **Add Schedule** to add a schedule.
2. In **Add Schedule** menu, set the time (A).

   NOTE: The Schedule works according to the time zone where the device is located.
3. Tap **Repeat** (B) to select the days you want to set the schedule.
4. Tap **Note** (C), enter the note and tap **Confirm**.
5. Tap the toggle switch (D) to turn on the **Notification** for the schedule. The app will send a notification that the scheduled task is executed at the scheduled time.
6. Tap **Switch** (E) and select any option, **On** or **Off**.

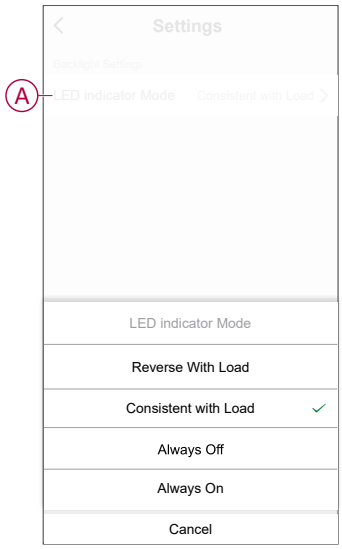


7. Tap **Save**.

LED indicator mode

Using the Wiser app, you can select the LED indicator mode for easy identification of the device status.
To set the LED indicator modes:

1. On the **Home** page, tap **All devices** > **Iconic Switch**.
2. On the device control panel page, tap **Settings**.
3. Tap **LED indicator Mode** (A) and select any one of the following:
   - **Reverse With Load**: LED on the switch is on when the device is off.
   - **Consistent With Load**: LED on the switch is on when the device is on.
   - **Always Off**: LED on the switch is always off.
   - **Always On**: LED on the switch is always on.



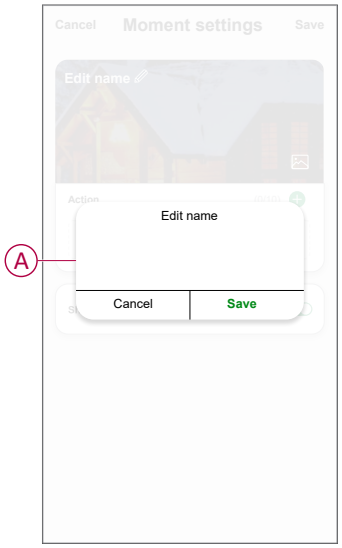
For information on LED color during each modes, refer to LED Indication, page 32.

Creating a moment

A Moment allows you to group multiple actions that are usually done together. Using the Wiser app, you can create moments based on your needs (such as movie night).

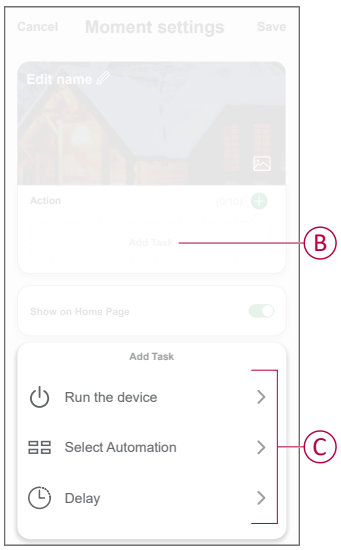
1. On the **Home** page, tap .
2. Go to **Moment** > **+** to create a moment.
3. Tap **Edit name** , enter the name of the moment (A) and tap **Save**.

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

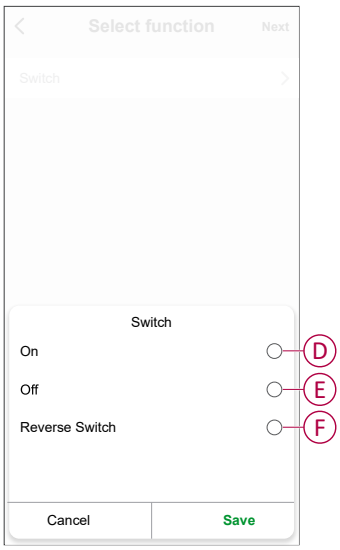


4. In the **Action** section, tap **Add task** (B) to open the slide-up menu.
5. In the **Add task** menu, you can do either or all of the following actions (C):
   - **Run the device**: select the devices that you want in a moment.
   - **Select Automation**: select the automation that you want to enable or disable.
   - **Delay**: set the delay time.

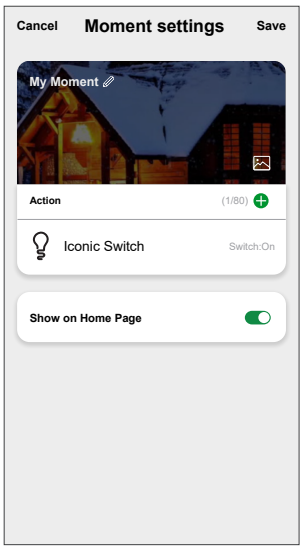
   NOTE: You can add one or more actions using .



6. Tap **Run the device** > **Iconic Switch** > **Switch** to select either or all of the functions to add in the moment:
   - **On**: turns on the switch (D).
   - **Off**: turns off the switch (E).
   - **Reverse Switch**: toggle the last state of switch (F).



7. Set all actions and tap **Save**.



Editing a moment

1. On the **Moment** tab, locate the moment you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

   TIP:

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

Deleting a moment

To delete a moment:

1. On the **Moment** tab, locate the moment that you want to delete and then tap ●●●.
2. Tap **Delete** and then tap **Ok**.

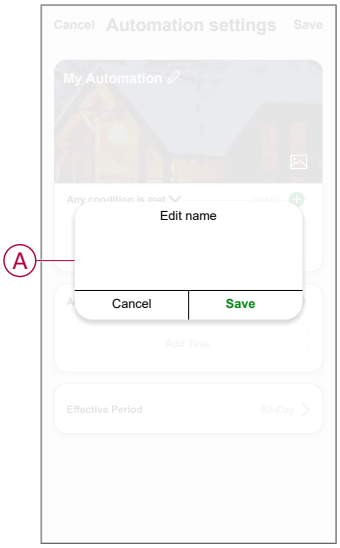
   NOTE: After deleting a moment, the device action can no longer be triggered.

Creating an automation

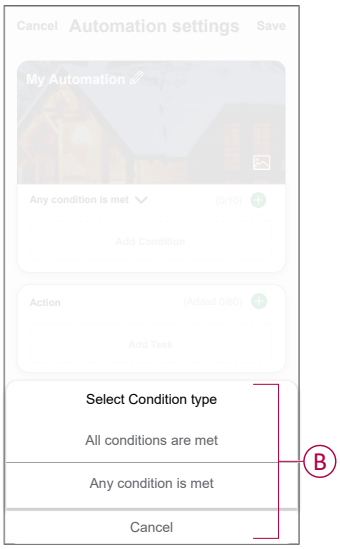
An automation allows you to group multiple actions that are usually done together, triggered automatically or at scheduled times. By using the Wiser app, you can create automations based on your needs.

1. On the **Home** page, tap the .
2. Go to **Automation** > **+** to create an automation.
3. Tap **Edit name** , enter the name of the automation (A) and tap **Save**.

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



4. Tap **Any condition is met** to select any one of the condition type (B):
   - **All conditions are met**: the automation is triggered when all the conditions are met.
   - **Any condition is met**: the automation is triggered when at least one condition is met.

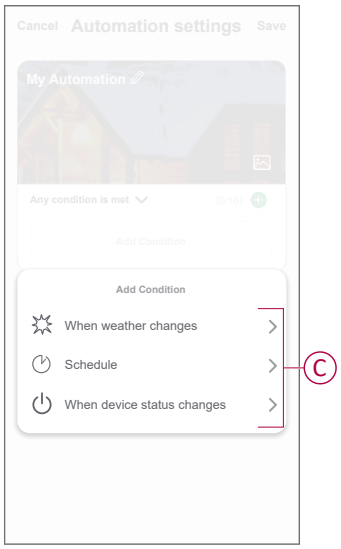


5. Tap **Add Condition** to display the slide-up menu.

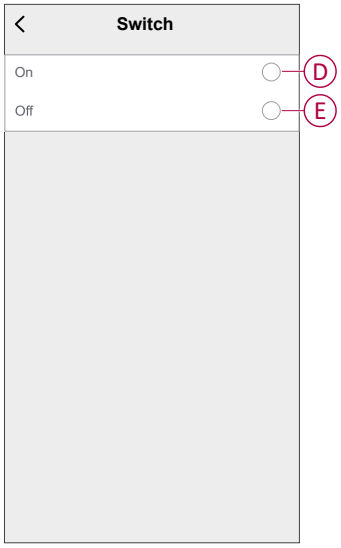
6. In the **Add Condition** menu, you can do either or all of the following options (C):
   - **When weather changes**: select the various weather settings.
   - **Schedule**: set the time and day.
   - **When device status changes**: select the device and it's function.

   NOTE: You can add one or more conditions using .

   .



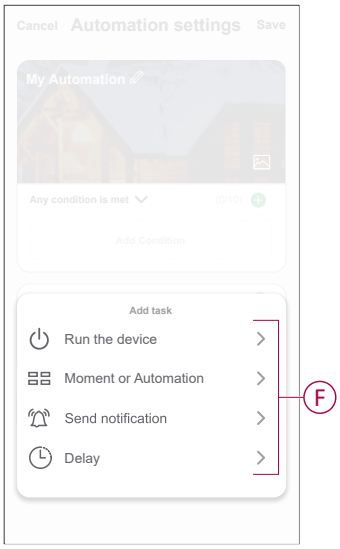
7. Tap **When device status changes** > **Iconic Switch** > **Switch** and select either functions:
   - **On**: turns on the switch (D).
   - **Off**: turns off the switch (E).



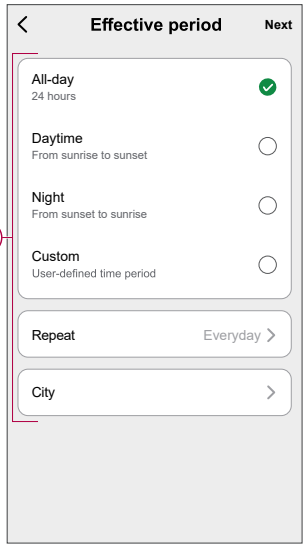
8. Tap **Add task** to display the slide-up menu.

9. In the **Add task** menu, you can do either or all of the following options (F):
   - **Run the device**: select the devices that you want to trigger.
   - **Moment or Automation**: select the moment which you want to trigger or select the automation that you want to enable or disable.
   - **Send notification**: turn on notification for the automation.
   - **Delay** : set the delay time.

   NOTE: You can add one or more actions using ⊕.



10. Tap on Effective period to set the time range for the automation. You can select any one of the following (G):
    - **All-day - 24 hours**
    - **Daytime - From sunrise to sunset**
    - **Night - From sunset to sunrise**
    - **Custom - User defined time period**



11. Set all actions and conditions, then tap **Save**.

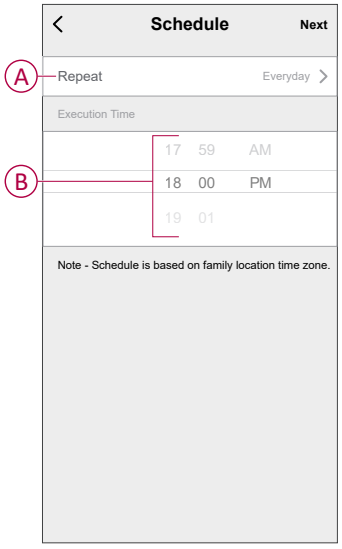
    Automation is now available under **Automation** tab. Use toggle switch to enable/disable automation.

Example of an automation

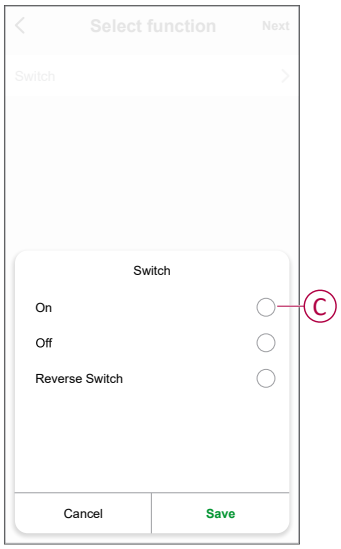
This demonstration shows you how to create an automation to switch on the light at the scheduled time.

1. Go to **Automation** > **+** to create an automation.
2. Tap **Edit name** , enter the name of the automation and tap **Save**.

   TIP: You can choose the cover image that represents your automation by tapping .
3. Tap **Add Condition** > **Schedule**.
   - Tap **Repeat** (A), select the days you want to set the schedule and tap **Save**.
   - Set the time (B) at which the automation must start and tap **Next**.

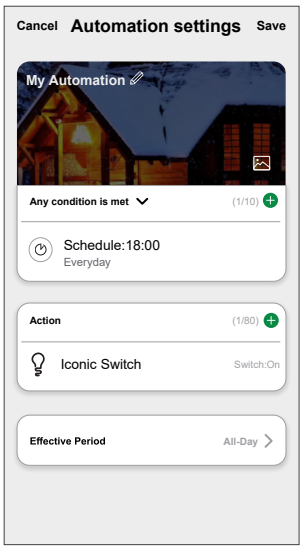


4. Tap **Add task** > **Run the device** > **Iconic Switch**.
5. Tap **Switch** > **On** (C) and tap **Save**.



6. Tap **Next**.

7. In the **Automation Settings** page, tap **Save**.



Once the automation is saved, it is visible on the **Automation** tab. You can tap the toggle switch on the automation to enable/disable it.

Editing an automation

1. On the **Automation** tab, locate the automation you want to edit and tap ●●●.
2. On the **Edit** page, you can tap each item (such as dimmer, shutter, delay, temperature, etc.) to change the settings.

   TIP:

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

Deleting an automation

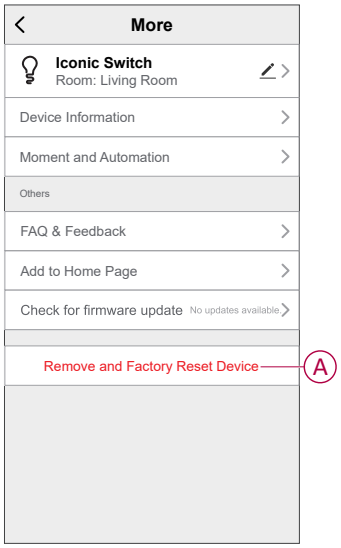
1. On the **Automation** tab, locate the automation that you want to delete and then tap ●●●.
2. Tap **Delete** and then tap **Ok**.

   NOTE: After deleting an automation, the device action can no longer be triggered.

Removing the device

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

1. On the **Home** page, tap **All devices** > **Iconic Switch**.
2. Tap to display more details.
3. Tap **Remove and Factory Reset Device** (A).



TIP: On the **Home** page, tap and hold the **Iconic Switch** to remove the device.

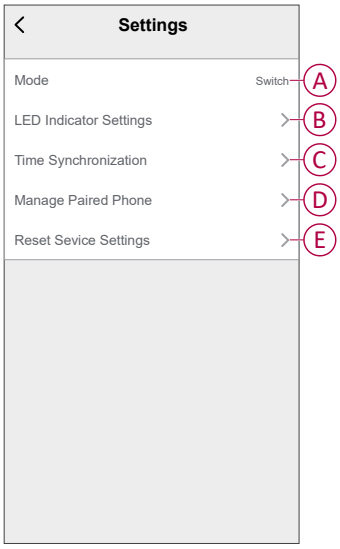
NOTE: By removing the device, you will reset the device. If you still have a problem with the reset, then refer to resetting the device, page 31.

Bluetooth Mode

Switch settings

Using the Wiser app, you can manage the switch modes and settings.

1. On the **Home** page, tap **All devices** > **Iconic Switch**.
2. Tap **Settings** and select any of the following:
   - Mode, page 25 (A)
   - LED Indicator Settings, page 26 (B)
   - Synchronization Time, page 27 (C)
   - Manage Paired Phone, page 27 (D)
   - Reset Device Settings, page 28 (E)



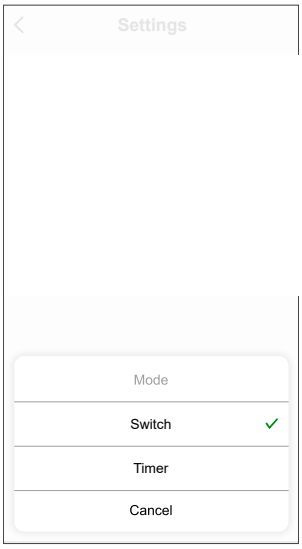
Changing the Mode

Using mode setting, timer can be set to turn off the device after a set period of time or you can set it as a switch to turn on/off manually.

On the **Settings** page, tap **Mode** and select any of the following:

– **Switch**: control the speed and turn on/off of the fan.

– **Timer**: when fan is running, set the timer to turn off. Refer using mode timer, page 30.



LED Indicator Settings

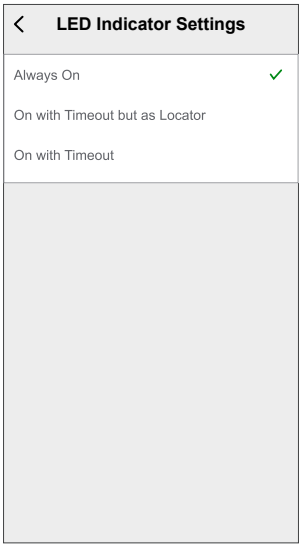
You can select the LED indicator mode for easy identification of the device status.

On the **Settings** page, tap **LED Indicator Settings** and select any of the following:

- **Always On**: LED on the device is always turned on.

- **On with Timeout but as Locator**: LED glow in lesser brightness after the time out.

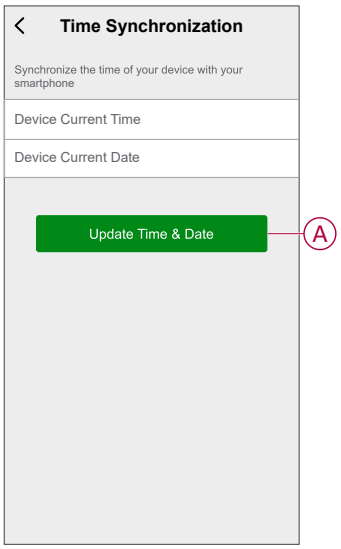
- **On with Timeout**: After inactive period LED turns off.



Synchronization Time

Using Wiser app, you can synchronize the time of the device with your smartphone.

On the **Settings** page, tap **Synchronization Time** > **Update Time & Date** (A). This allows the device time to sync with smartphones in real-time.



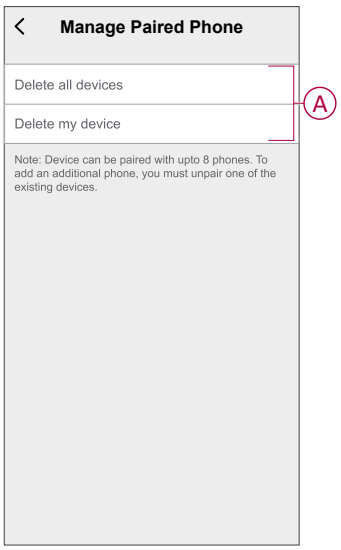
Manage Paired Phone

Using Wiser app, you can view or delete paired phones.

On **Settings** page, tap **Manage Paired Phone** and select any of the following (A):

- **Delete all Devices**: the device is removed from all paired phones.

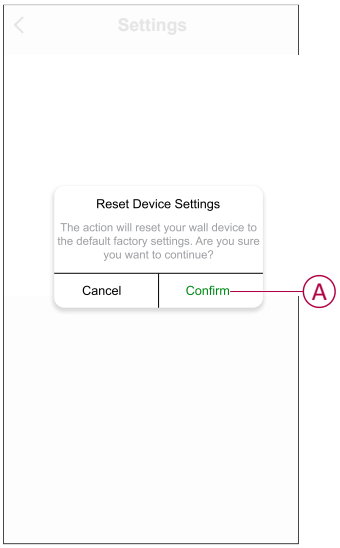
- **Delete my Device**: the device is removed from current phone.



Reset device settings

Using Wiser app, you can reset the device settings to default.

On **Settings** page, tap **Reset device settings**.
Read the information and tap **Confirm** (A).



NOTE: This action will reset the device to default factory settings.

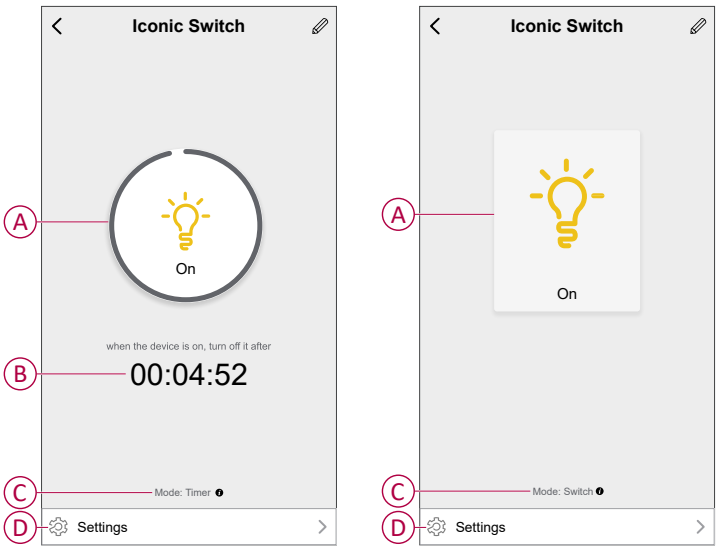
Using the device

The Control Panel allows you to switch on/off and control various settings.

On the **Home** page, tap **All devices** > **Iconic Switch** to access the control panel.

On the control panel page, you can see the following:

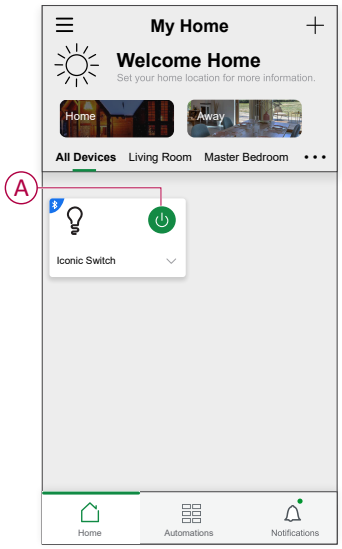
- The current state of the Switch (A)
- Timer count down, page 30 (B)
- Mode selection indicator (C)
- Settings, page 25 (D)



Switching on/off the device using app

By using the Wiser app, you can switch on/off the device.

On the **Home** page, tap the power button (A) to switch on/off.



TIP: You can also navigate to control panel of the device and tap to switch on/off. The control panel always shows the current state of the switch.

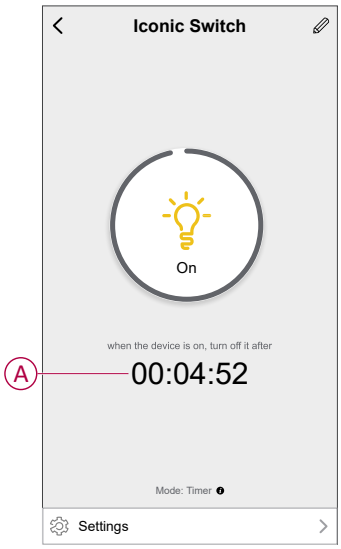
NOTE: During timer mode, the device automatically turns off after a specified period of time. Refer timer mode, page 30.

Setting timer mode

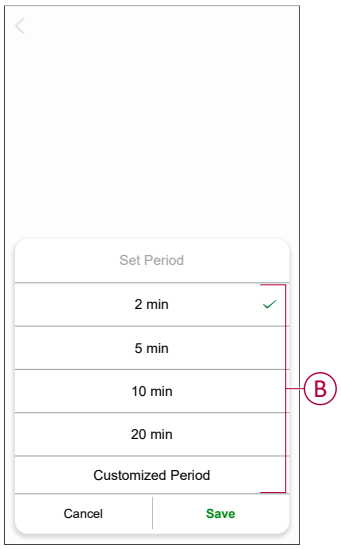
You can set the timer to turn off the device after a certain period of time.

In Wiser app, change the mode from switch to timer, refer to mode settings, page 25.

1. On the device control panel page, tap timer (A) for the slide-up menu.



2. In the slide-up menu select the required **Set Period** (B) and tap **Save**.

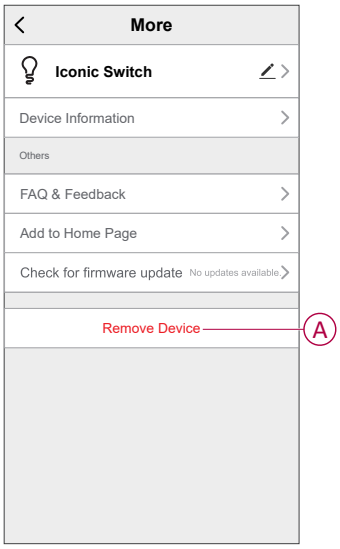


Once the countdown timer reaches zero, the device turns off.

Removing the device

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

1. On the **Home** page, tap **All devices** > **Iconic Switch**.
2. Tap to display more details.
3. Tap **Remove device** (A) and select any of the following:
   – **Disconnect**: to remove the device.
   – **Disconnect & Erase Data**: to remove the device and erase data.



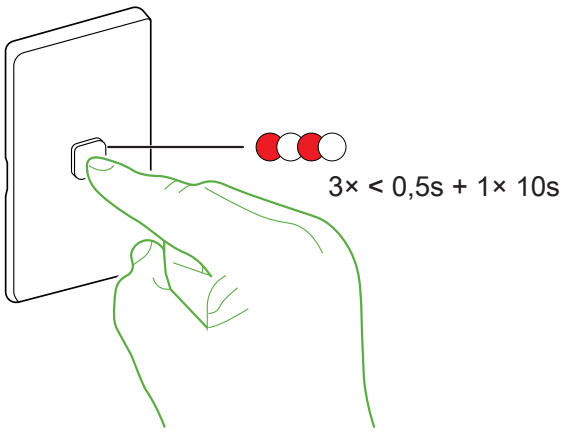
TIP: On the **Home** page, tap and hold the **Iconic Switch** to remove the device.

Resetting the device manually

You can reset the device to factory default manually.

Short press the push button three times (<0,5 s) and then long press the push button once (>10 s).

After 10 s, release the push button when the LED starts blinking red.



NOTE: After reset, the LED turns amber/orange indicating that device is ready for pairing.

LED Indication

Pairing

User Action	LED Indication	Status
Press the push-button 3 times	LED blinks orange for Zigbee. LED blinks red green, for Bluetooth. 	Pairing mode is active for 30 seconds. When pairing is completed, LED glows green for some time before turning off.

Changing protocol

User Action	LED Indication	Status
Short press the push-button 3 times and long press once for > 20 s.	LED blinks red rapidly indicating commence of protocol change.	On successful change in protocol: • Zigbee to Bluetooth - No colour indication, white back light only. • Bluetooth to Zigbee - Flashing Amber LED (Indicating that device is in pairing mode), if pairing is not completed will become solid Amber

Resetting

User Action	LED Indication	Status
Press the push-button 3 times and long press once for > 10 s.	After 10 s, the LED blinks red. 	For Zigbee, the device is reset to the factory settings after 10 seconds. The device then restarts and the LED blinks orange indicating that it is ready for pairing. For Bluetooth, the device is reset to the factory settings after 10 seconds and the device turns off.

LED Indicator Mode

Load Status	ON	OFF
Reverse with load	No LED	White LED is on
Consistent with load	White LED is on	No LED
Always Off	No LED	No LED
Always On	White LED is on	White LED is on

Troubleshooting

Error	**Possible cause**	**Solution**
The device is not ready to pair after the device is removed from the app.	The device is not reset correctly.	Reset to factory default settings, refer to Resetting the device manually, page 31.

Technical data

Nominal power rating for load type		
Load type	Load name	Load value

	Incandescent lamp	2 A
	Halogen lamp	2 A
	lighting transformer	2 A
	Fluorescent lamp	2 A
L	Inductive load	2 A @ 0.6 PF

Nominal voltage	AC 220-240 V, 50 Hz
Nominal current	2 A
Switching technique	Relay
Protection	Over temperature: Yes Short circuit:: No Over-current fuse: No Thermal protection: Yes
LED indicator	Yes
Supported protocols	Zigbee, BLE
Mutli-gang plate capacity	Max 6 primary mechs per plate
Compatible plate ranges	Iconic, Iconic Styl, Iconic Essence, Pro Series
Mounting centers	84 mm pattern plate
Safety compliance	AS/NZS 60669.2.1
EMC emission compliance	
IP rating	IP20
Communication protocol	Zigbee, BLE
Operating humidity	5%-90% RH, non-condensing
Specifications typical at 25 °C	

Compliance

Safety	AS/NZS 60669.2.1
EMC	AS/NZS 60669.2.1
RF	AS/NZS 4268

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).

https://checkaproduct.se.com/

General information about Green Premium products

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DUG_Iconic Connected Switch 2AX_CLP-01