

# Wiser Fan Speed Controller (Wiser)

## Device User Guide

Information about features and functionality of the device.

07/2025



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# Table of Contents

Safety Information.....	4
Wiser Fan Speed Controller .....	5
For your safety .....	5
About the device.....	5
Installing the device .....	5
Pairing the device with the Wiser Hub .....	6
Configuring the device .....	8
Renaming the device .....	8
Changing the device location .....	9
Changing the fan speed regulator .....	10
Add favourites .....	11
Edit favourites.....	11
Using the device.....	13
Manual operation.....	13
Switching ON/OFF the device using the app .....	14
Quick (Action).....	16
Automation (Trigger) .....	20
Removing the device .....	25
Resetting the device .....	25
LED indication.....	26
Troubleshooting .....	26
Technical data .....	27
Compliance.....	28
Trademarks.....	28

# 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**

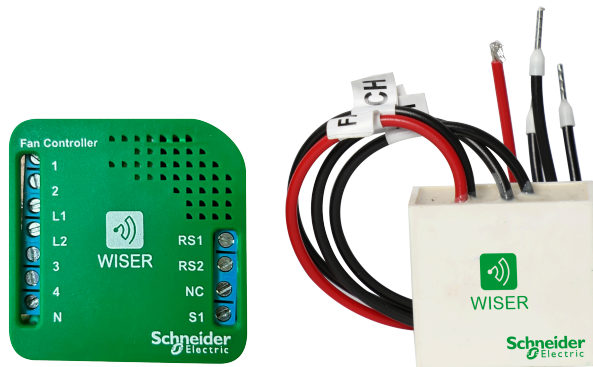
**CAUTION** indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

### **NOTICE**

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



# Wiser Fan Speed Controller



IH1200010F

## For your safety

### **⚠ DANGER**

#### **HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks.
- Connecting several electrical devices.
- Laying electric cables.
- Safety standards, local wiring rules and regulations.

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

## About the device

The Wiser Fan speed controller is a miniature micro module (hereinafter referred to as **Puck**), which is remotely controlled and designed to operate in AC mains. This device enables 4/5 step fan speed control. The fan speed is controlled by mobile app or fan regulator. The puck also operates as a repeater within the Z-Wave network it is associated, and uses the latest Z-Wave plus chip.



- 4-Step Fan regulator/5-Step Fan regulator

## Installing the device

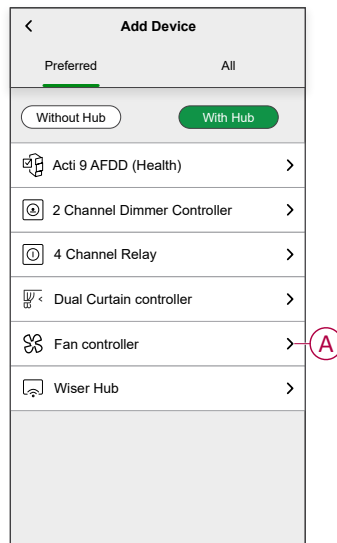
Refer to the installation instruction supplied with this product.  
See Wiser Fan Speed Controller.

## Pairing the device with the Wiser Hub

Using the Wiser app, you can pair your fan controller puck with the Wiser Hub to access and control the fan.

1. On the **Home** screen, tap  **Devices**.  
The **Device Management** screen appears.
2. Tap **Devices > +**.  
The **Add Device** screen appears.
3. Tap **Preferred > With Hub >  Fan Controller (A)**.

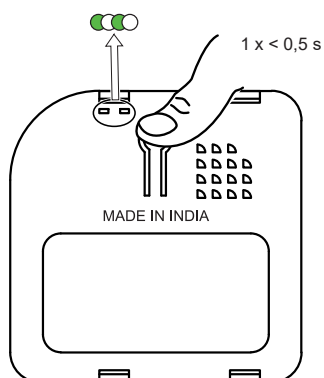
**TIP:** You can also tap **All >  Switches and Controls >  Z-Wave Switches and Controls >  Fan Controller**.



4. Enter the following **Device Information** and then tap **Next**:
  - **Enter Device Name:** Enter the device name.
  - **Assign Existing Room:** Select an existing room.  
**TIP:** If your room is not in the existing room list, create a new one.
  - **Add New Room:** Create a new room.

5. Tap **Next** and choose one of the following options to pair the device with the Wiser Hub.

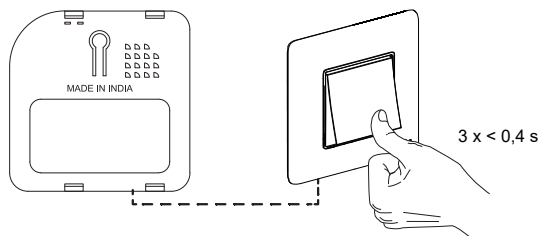
- Press the pairing button once and make sure that the LED blinks green.



Wait for a few seconds until the LED turns green.

**TIP:** If the LED is blinking red, then the device is not paired to the Hub. Reset the device and start pairing again.

- Press the toggle Switch-1 3 times (Sequence: ON-OFF ON-OFF ON-OFF) within 4 seconds.





**NOTE:** If the puck is installed inside the wall box, the status LED is not visible.

6. After a few minutes, you can see the Wiser message. Tap **Ok**.

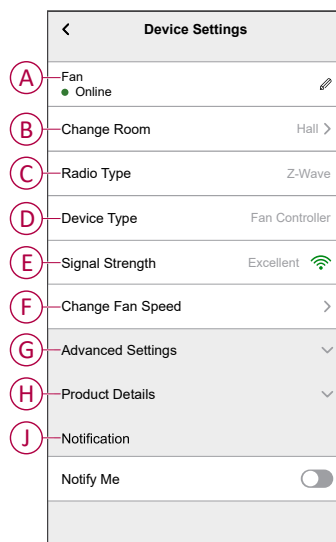
You can see the newly added device on the **Device Management** screen under **Devices**.


## Configuring the device

Using the Wiser app, you can configure the device according to your preference.

1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device from the list.
3. On the Device Control Screen, tap .

The **Device Settings** screen appears.






<b>A</b>	<b>Device Name</b>	Displays the device name, tap  to change the device name. For more information, refer to the <a href="#">Renaming the device</a> , page 8 topic.
<b>B</b>	<b>Change Room</b>	Displays the assigned room of the device, tap <b>Change Room</b> to assign any room (such as living room, bedroom, kitchen, etc.). For more information, refer to the <a href="#">Changing the device location</a> , page 9 topic.
<b>C</b>	<b>Radio Type</b>	Displays the Z-Wave network.
<b>D</b>	<b>Device Type</b>	Displays the device type.
<b>E</b>	<b>Signal Strength</b>	Displays the signal strength.
<b>F</b>	<b>Change Fan Speed</b>	Allows you to adjust fan speed using the 4/5-speed regulator. For more details, refer to the <a href="#">Changing the fan speed regulator</a> , page 10 topic.
<b>G</b>	<b>Advanced Settings</b>	Allows you to set configuration. When you tap <b>Advanced Settings</b> , you can see the following options: <ul style="list-style-type: none"> <li>• <b>Associate with other powered Z-Wave devices:</b> Link your device with other Z-Wave devices for synchronized operation.</li> <li>• <b>Group Association:</b> Create associations between devices for coordinated actions.</li> <li>• <b>View Configuration:</b> Check the current settings and configurations of your device.</li> <li>• <b>Set Configuration:</b> Adjust and customize the settings of your device.</li> </ul>
<b>H</b>	<b>Product Details</b>	Displays the product details such as manufacturer name, ID, product name, ID, and type. Also you can view the firmware version and update it if a new version is available by tapping <b>Product Details &gt; Firmware Version &amp; OTA</b> .
<b>J</b>	<b>Notification</b>	Enable the <b>Notify Me</b> toggle button to receive device notifications.

## Renaming the device

You can rename the device name using the Wiser app.



To rename the device:

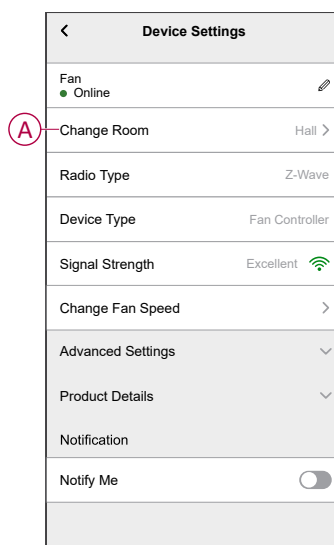
1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device for which you want to change the name.
3. On the top-right screen, tap .  
The **Device Settings** screen appears.
4. Tap  and enter a new name in the name field.  
The changes will be saved automatically.

## Changing the device location

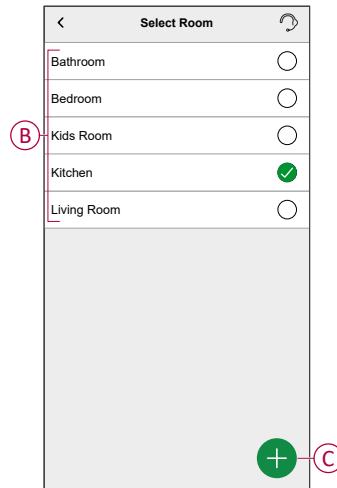
You can change the device location using the Wiser app.

To change the device location:

1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device for which you wish to change the location.
3. On the top-right screen, tap .  
The **Device Settings** screen appears.
4. Tap **Change Room (A)**.



5. Select the desired room from the list (B).





**TIP:** If your room name is not present in the list, you can create a new room by tapping the + (C) button.

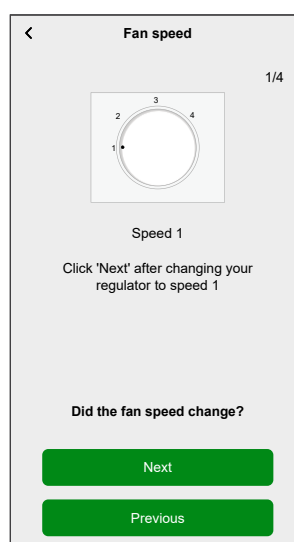
## Changing the fan speed regulator

You can change the fan speed regulator to a 4-step or 5-step using the Wiser app.

**IMPORTANT:** You must change the fan regulator manually to either a 4-step or 5-step before proceeding to the following steps.

To change:

1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the Fan Controller device.  
The Device Control Screen appears.
3. On the top-right screen, tap .  
The **Device Settings** screen appears.
4. Tap **Change Fan Speed**.
5. Select one of the following fan speed types:
  - **4 Fan Speed Regulator**
  - **5 Fan Speed Regulator**
6. Change your fan speed regulator to speed 1 and then tap **Next**.






7. Change your fan speed regulator to speed 2 and then tap **Next**.
  8. Change your fan speed regulator to speed 3 and then tap **Next**.
  9. Change your fan speed regulator to speed 4 and then tap **Next**.
- TIP:** For a 5-step fan regulator, you need to change your fan speed regulator to speed 5 and then tap Next.

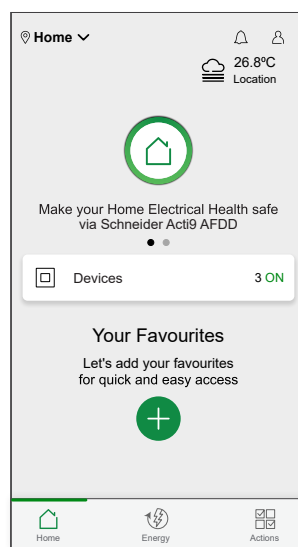
You have successfully changed the fan speed regulator.

## Add favourites


You can add your devices and automations to favourites for quick and easy control from the Home screen.

To add favourites:

1. On the **Home** screen, tap .



The **Edit Favourites** screen appears.


2. Tap the  icon to add all your favourite devices and automations.
3. Once selected, tap **Save**.

Now you can view all your favourite devices/automations on the Home screen.


## Edit favourites

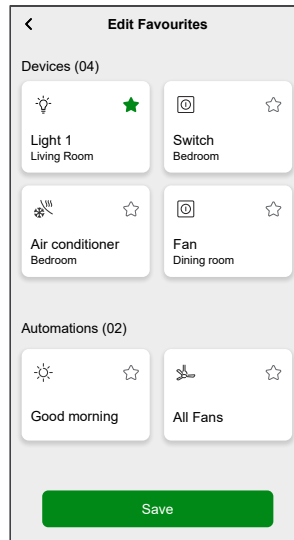
You can add or remove devices and automations from the favourites list.

To remove favourites:

1. On the **Home** screen, tap .

The **Edit Favourites** screen appears.


2. Tap the  icon to add or remove devices and automations from the favourites list.



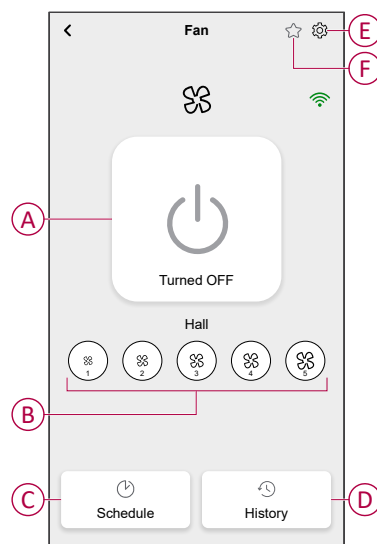
3. Once complete, tap **Save**.


## Using the device

The Device Control Screen allows you to switch ON/OFF, adjust the fan speed, and control various settings.

1. On the **Home** screen, tap  **Devices > Devices**.
2. Select the device which you want to access the Device Control Screen.

The Device Control Screen displays the following options:

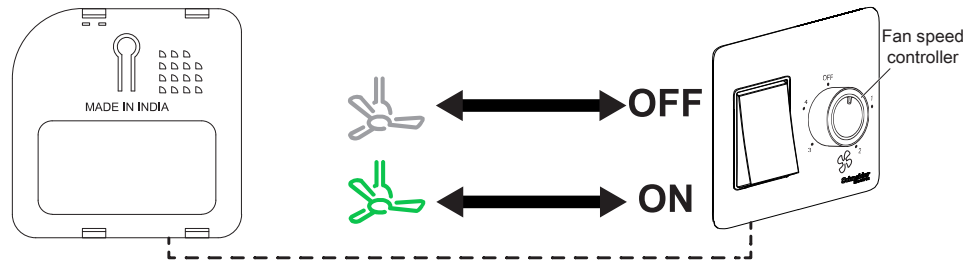


<b>A</b>	<b>Power Button</b>	Allows you to change the status of the device ON/OFF.
<b>B</b>	<b>Speed Control</b>	Allows you to adjust the fan speed as per your needs by tapping 1, 2, 3, 4, or 5. <b>NOTE:</b> You can see the 5 options (1, 2, 3, 4, 5) when configured with the 5-step fan speed regulator. If configured with the 4-step fan speed regulator, you will see 4 options (1, 2, 3, 4) to control the speed.
<b>C</b>	<b>Schedule</b>	Allows you to create quick actions and trigger automations.
<b>D</b>	<b>History</b>	Allows you to see the history of the device. Tap  to update the history of the device when you open the History screen.
<b>E</b>	<b>Settings</b>	Allows you to control various settings. For more information, refer to the <a href="#">Configuring the device</a> , page 8 topic.
<b>F</b>	<b>Favourites</b>	Allows you to add the device to the favourites on the Home screen.

## Manual operation

When the puck is connected to a switch, the connected devices can be controlled manually by short pressing the switch to turn ON or OFF.



**NOTE:** When the puck is installed inside the wall box, the status LED is not visible while using the puck.

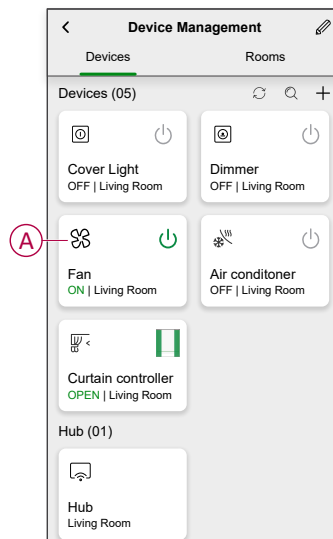


## Switching ON/OFF the device using the app

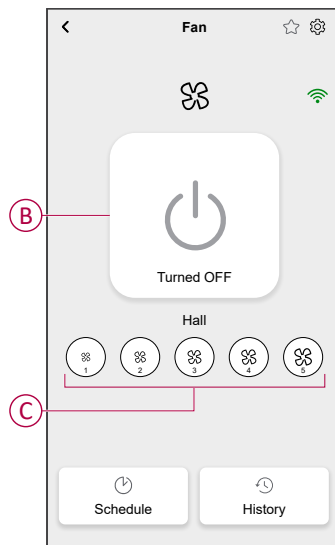
Using the Wiser app, you can switch ON/OFF the device.

To switch the device ON/OFF:

1. On the **Home** screen, tap  **Devices** > **Devices**.
2. Find the device you want to switch ON/OFF.
3. Tap  (A) to turn ON/OFF the device.



4. On the Device Control Screen, tap the power button to turn the device ON/OFF (B). Select the fan speed by tapping the control options 1, 2, 3, 4, or 5 (C).



**TIP:** You can also turn the device ON/OFF when you add it to your Favourites. To know more about Favourites, refer to the [Add Favourites](#), page 11 topic.

## Quick (Action)

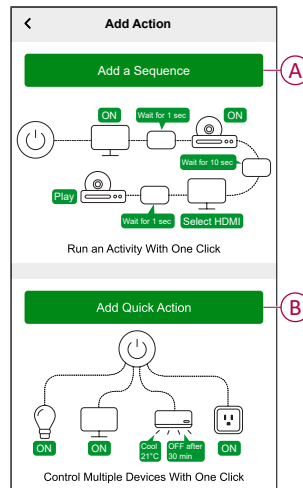
### Creating an action

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

To create an action:

1. On the **Automations** screen, tap **Quick**.
2. On the bottom-right screen, tap **+** to create an action.

The **Add Action** screen appears.

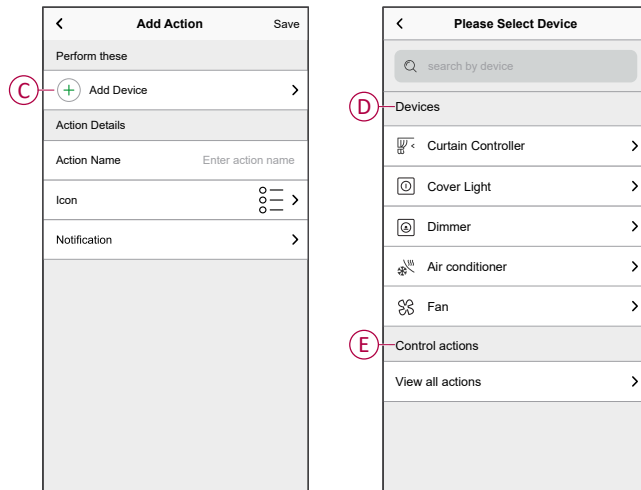


3. Select one of the following options as per your preference:
  - **Add a Sequence (A)**: Switch ON multiple devices in a sequence.
  - **Add Quick Action (B)**: Switch ON multiple devices at a time.

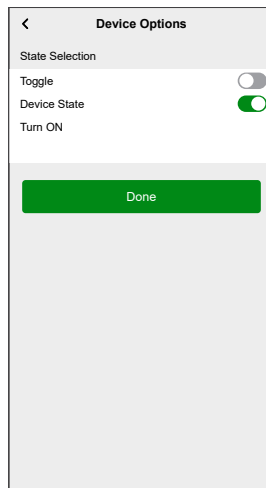
**TIP:** Follow the below steps to create an action for both **Add a Sequence (A)** and **Add Quick Action (B)**. The only difference is that you need to enter the time gap for **Add a Sequence**.



4. Tap **Add Device** (C) and select either a device or an action:




- **Devices** (D): Select a device from the list and set the device status (e.g., ON/OFF, delay). Then, tap **Done**.



- **Control actions** (E): Tap **View all actions**, select an action from the list, and set the action status. Then, tap **Save**.



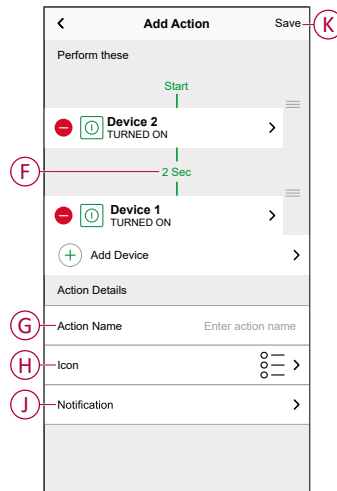
**TIP:** Tap  and enter your device name to find it.

5. Repeat steps 4 to add more than one device or an action.

**TIP:** You can change the waiting time by tapping the time (F) (Only for **Add a Sequence**).

**NOTE:** By default, the time gap is 2 seconds, and the maximum time gap you can select is 120 seconds.

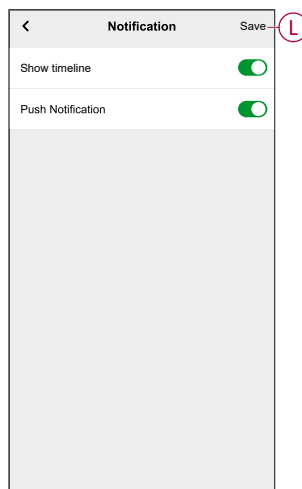
6. Enter the **Action Name** (G).



7. Tap **Icon** (H) and select the icon from the list.


8. Tap **Notification** (J) and enable the toggle button for the following options and then tap **Save** (L):

- **Show timeline:** Displays the total power consumption.
- **Push notifications:** Receives the notifications.




**NOTE:** To switch the toggle buttons, make sure to first activate the **Notify me** toggle button on the Settings page.

9. Once all conditions are set, on the top-right screen, tap **Save** (K).

You can see the newly created action on the **Quick** tab. Tap  on the action to enable it.

## Editing an action


To edit an action:

1. On the **Automation** screen, tap **Quick**.
2. On the top-right screen, tap  .  
The **Edit Actions List** screen appears.

3. On the **Edit Actions List** screen, tap the action you want to edit.  
**TIP:** If you want the same action, tap the hand symbol, it will copy the same action and add it to the **Edit Actions List**.
4. You can perform the following changes:
  - Change the icon.
  - Rename the action.
  - Add a device or an action.
  - Remove a device or an action.
  - Change the time delay (Only for **Add a Sequence**).
5. Once all the edits are done, tap **Update**.

## Deleting an action

To delete an action:

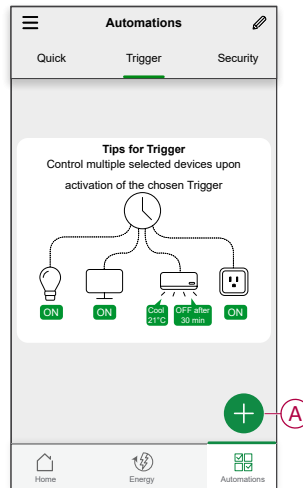
1. On the **Automation** page, tap **Quick**.
2. On the top-right screen, tap .  
The **Edit Actions List** screen appears.
3. On the **Edit Actions List** screen, tap the remove button that is next to the action, and then tap **Delete** to remove it.

## Automation (Trigger)

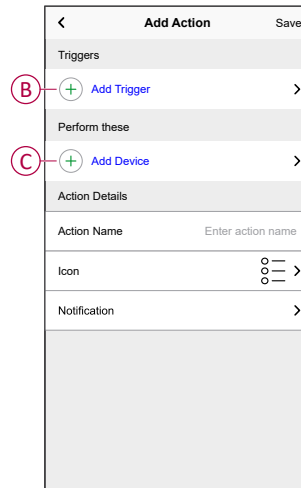
### Creating an automation for trigger

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 automation based on your needs.

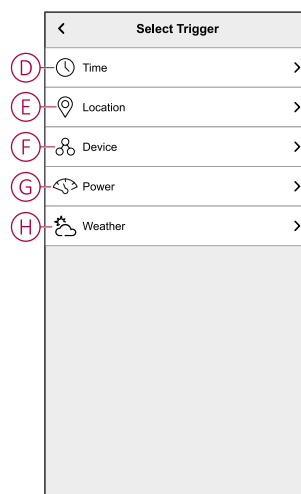
1. On the **Automation** screen, tap **Trigger**.
2. Tap **+** (A) to create an automation.



### 3. Tap **Add Trigger** (B).



The **Select Trigger** screen appears.



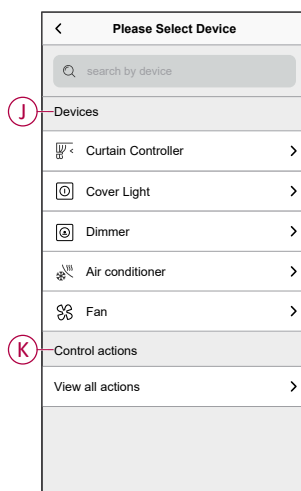
4. Select a trigger option from the following list on the **Select Trigger** screen:
  - **Time (D)**
  - **Location (E)**
  - **Device (F)**
  - **Power (G)**
  - **Weather (H)**
  - a. Tap **Time (D)**, select any one of the following options and then tap **Save.:**
    - **Any time:** Set for any time.
    - **At Specific time:** Set for a specific time.
    - **At in between time:** Set for in between time.
    - **Perform only once:** Set for only once.
  - b. Tap **Location (E)**, select any one of the following options:
    - **Arriving location:** Select arriving location.
    - **Departing location:** Select a departing location.

**NOTE:** Mobile location should turn on.
  - c. Tap **Device (F)** and select a device from the list.
  - d. Tap **Power (G)** and select an option from the following list:
    - **EMD B**
    - **EMD R**
    - **EMD Y**
    - **Raycon**

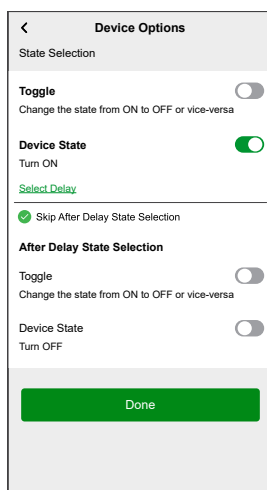
**NOTE:** This option is only available when the EMD or Meter device is installed in your Home or location.
  - e. Tap **Weather (H)** and select an option from the following list:
    - **Outside Temperatures:** Select the temperature to trigger an action.
    - **Outside Humidity:** Select the humidity level.
    - **When Sunrises:** Select when sunrises.
    - **When Sunsets:** Select when sunsets.



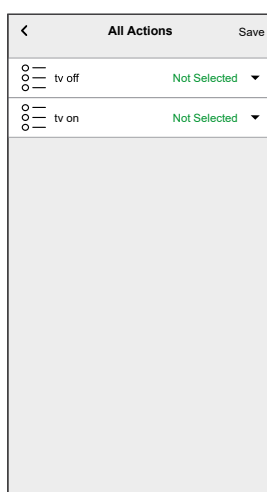
5. Tap **Add Device** (C) and select either a device or an action:




- **Devices** (J): Select a device from the list and set the device status (e.g., ON/OFF, delay). Then, tap **Done**.



- **Control actions** (K): Tap View all actions, select an action from the list, and set the action status. Then, tap **Save**.




**TIP:** Tap  and enter your device name to find it.

- Repeat steps 5 to add more than one device or an action.
- Enter the **Action Name**.
- Tap **Icon** and select the icon from the list.

9. Tap **Notification** and enable the toggle button for the following options:
  - **Show timeline:** Displays the total power consumption.
  - **Push notifications:** Receives the notifications.
10. Once all the actions are set, tap **Save**.  
 You can see the newly created automation on the **Trigger** tab. Tap the toggle button to enable or disable the automation.


## Editing a trigger

To edit a trigger:

1. On the **Automation** screen, tap **Trigger**.
2. On the top-right screen, tap .  
 The **Edit Actions List** screen appears.
3. On the **Edit Actions List** screen, tap the trigger you want to edit.  
**TIP:** If you want the same trigger, tap the hand symbol, it will copy the same trigger and add it to the **Edit Actions List**.
4. You can perform the following changes:
  - Change the icon.
  - Rename the trigger.
  - Add a device or an action.
  - Add a trigger.
  - Remove a device or an action.
  - Remove a trigger
5. Once all edits are done, tap **Update**.

## Deleting a trigger


To delete a trigger:

1. On the **Automation** screen, tap **Trigger**.
2. On the top-right screen, tap  to remove a trigger.  
 The **Edit Actions List** screen appears.
3. On the **Edit Actions List** page, tap the remove button that is next to the trigger, and then tap **Delete** to remove it.

## Removing the device


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

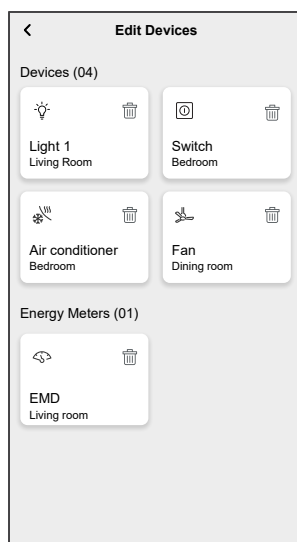
To remove a device:

1. On the **Home** screen, tap  **Devices** > **Devices**.

2. On the top-right pane, tap .

The **Edit Devices** screen appears.

3. Tap  on the device that you want to remove from the Wiser system.



The **Delete** message pop-up appears.

4. Tap **Confirm**.

Wait for a few seconds, and the successful message appears on the screen.

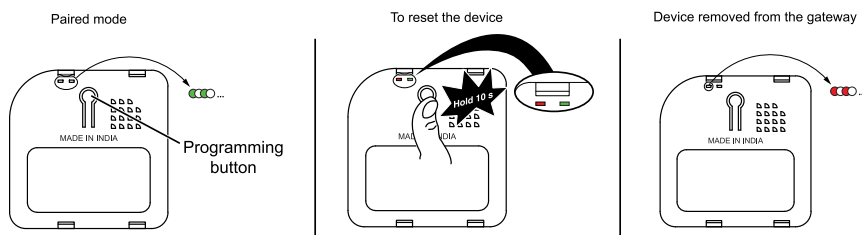
**NOTE:** By removing the device, you will reset the device. If you still have a problem with the reset, then refer to [Resetting the device](#), page 25.

## Resetting the device

You can reset the device to factory default manually.

For resetting the micro module:

1. Press and hold the **Programming** button for <10 s.
2. After 10 s, the LED starts blinking red, and then release the programming button.





**NOTE:** All configuration data, user data, and network data are deleted. After which


- No connectivity to other devices or rooms.
- No moment or schedule settings.

## LED indication

### Pairing the device

User Action	LED Indication	Status
Short press the programming button once.	Both red and green LED's glows constantly. 	Pairing mode is active. When pairing is completed, LED blinks green continuously. 

### Resetting the device

User Action	LED Indication	Status
Short press and hold the programming button for <10 s.	LED blinks red once per second. 	The device is in reset mode. The device then restarts indicating that the device is ready for pairing.

## Troubleshooting

Symptom	Possible cause	Solution
Device not powering ON	<ol style="list-style-type: none"> <li>1. Device is offline.</li> <li>2. Check wiring connection.</li> <li>3. Connect only phase and neutral to the device and check power ON status.</li> <li>4. Indication LED blinking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset main incomer MCB.</li> <li>2. Replace the module.</li> </ol>
Functionality	<ol style="list-style-type: none"> <li>1. Check the wiring connection.</li> <li>2. Check the load values are within the limits.</li> <li>3. Manual operation of Fan.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset main incomer MCB.</li> <li>2. Replace the module.</li> </ol>
Device not pairing	<ol style="list-style-type: none"> <li>1. LED Indication on the device.</li> <li>2. Hub height from the ground.(3 Feet Min.).</li> <li>3. While pairing the device distance between Hub and device. (Max. 3 Feet).</li> <li>4. Try removing from the app and try to pair.</li> </ol>	<ol style="list-style-type: none"> <li>1. Pair the module near the Hub.</li> <li>2. Try On/Off S1 Switch for 5 times by keeping app in Add device.</li> </ol>
Device inactive	<ol style="list-style-type: none"> <li>1. Check wiring connection.</li> <li>2. Device manual working condition with Fan.</li> <li>3. Distance between Hub and device within the coverage distance of 20 feet.</li> <li>4. Include the device by keeping 3 feet distance from the Hub.</li> </ol>	<ol style="list-style-type: none"> <li>1. Try operating the Lights with switches.</li> <li>2. Reset main incomer MCB.</li> <li>3. Replace the module.</li> </ol>
Range issue/operation failed	<ol style="list-style-type: none"> <li>1. Hub height from the ground.(3 Feet Min.).</li> <li>2. Distance between the Hub and the device should be within the coverage range.</li> <li>3. Check the signal strength on the Wiser App.</li> </ol>	<ol style="list-style-type: none"> <li>1. Try operating the Lights with switches.</li> <li>2. Reset main incomer MCB.</li> <li>3. Replace the module.</li> </ol>

## Technical data

<b>Power input</b>	100-240 V AC, 50/60 Hz
<b>Maximum Fan Load</b>	120 W (1 Fan per module)
<b>Power consumption</b>	< 0.5 W (No load) < 0.9 W (load)
<b>Operating temperature</b>	-10 to +35 °C
<b>Power consumption</b>	< 0.5 W no load < 0.9 W load
<b>Operating Temperature</b>	-10 °C to +35 °C
<b>Relative humidity</b>	8-80 RH
<b>RF frequency</b>	865.22 MHz for India
<b>Typical line of sight range</b>	Up to 20 m In open area — Indoor** Up to 30 m In open area — Outdoor**
<b>Gateway height</b>	3 to 5 ft from the ground
<b>Plastic housing</b>	Fire retardant ABS
<b>IP rating</b>	IP20
<b>Product dimensions (H x W x D)</b>	49 mm x 49 mm x 18 mm
<b>RoHS/ REACH</b>	Components are RoHS and REACH certified
<b>Maximum Fixing Screw</b>	0.4 Nm (3.5 Lb-In)
<b>Terminal Sizes / Number</b>	7 left side and 4 right side
<b>Size &amp; Type of Cable</b>	Copper 1.5 mm <sup>2</sup>
<b>Communication protocol</b>	Z-Wave
<b>Fan type</b>	Ceiling Fan

# Compliance

## Trademarks

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DUG\_Wiser Fan Speed Controller-00