

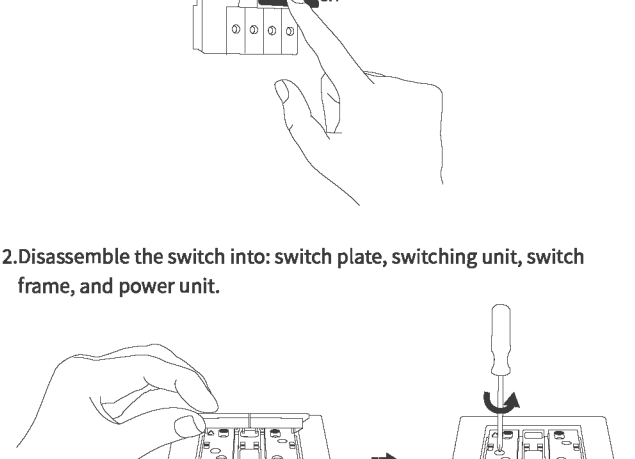


Shutter Switch H2 EU User Manual

Product Introduction

The Aqara Shutter Switch H2 EU is a smart switch based on the Thread/Zigbee wireless communication protocol, designed to control motorized roller shutters with features like Shutter Position Control, Auto/Custom Calibration, and Preset Shutter Scenes. It allows remote control, scheduling, and integrates with other smart devices for full-home automation when used with a hub.

*To use the device with a particular Matter ecosystem, a Matter Controller of said ecosystem and a Thread Border Router are required. In most cases, a Thread Border Router is integrated in your Matter Controller, combining both functions in one device.



Warnings

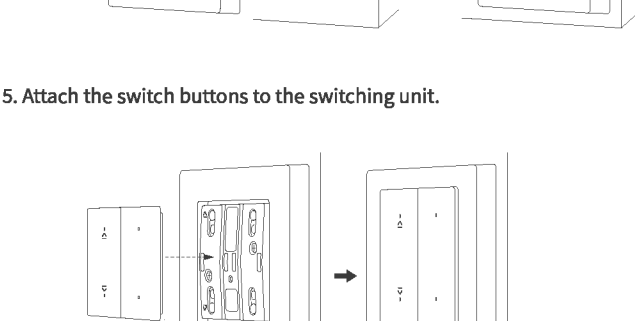
1. This product is not a toy. Please keep children away from this product.
2. This product is designed for indoor use only.
3. Do not use in humid environments or outdoors.
4. Beware of moisture. Do not spill water or other liquids onto the product.
5. Do not place this product near a heat source. Do not place it in an enclosed space unless there is normal ventilation. Do not attempt to repair this product by yourself. All repairs should be performed by an authorized professional.
6. This product is designed to enhance your home experience and keep you informed about device status. If a user violates the product use instructions, the manufacturer will not be liable for any damage and/or property losses.

Before Installation

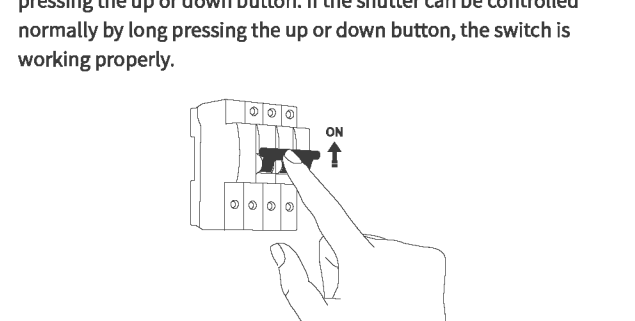
Please ensure that there is a neutral wire (N, usually blue) in your circuit, otherwise the Shutter Switch H2 EU will not function. Please make sure that after installing the roller shutter, the upper and lower limits have been set. It is recommended to use a four-wire motor that includes earth (ground), neutral, up, and down control wires. If you are unsure, please consult an electrician.

Installation Method

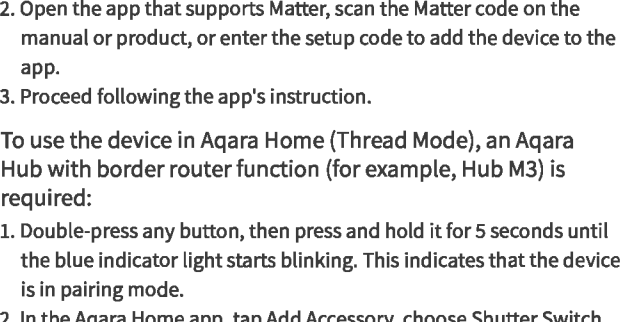
1. Please make sure that the power at the circuit breaker or fuse box is turned off before you begin wiring!



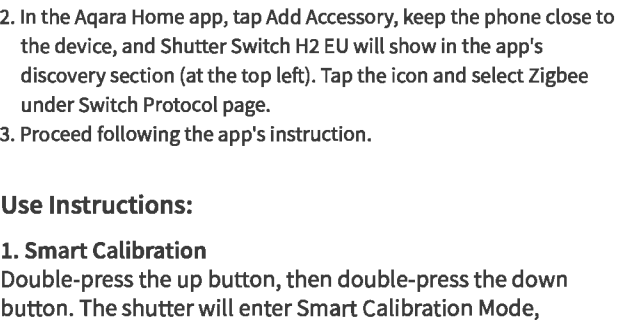
2. Disassemble the switch into: switch plate, switching unit, switch frame, and power unit.



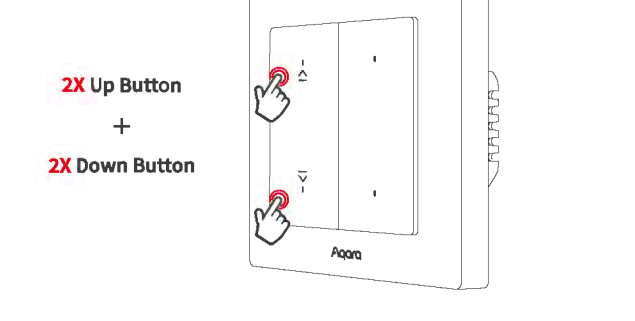
3. Use a screwdriver to loosen the screws on the terminals, connect the live wire to the L hole, connect the neutral wire to the N hole, connect the shutter motor's Upward Wire to the L1 hole and the Downward Wire to the L2 hole, confirm the correct wiring, and tighten the screws on the terminal.



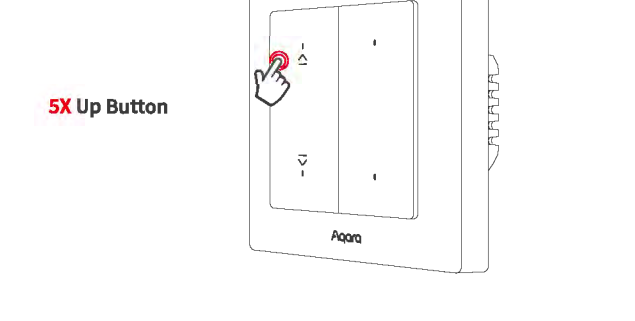
4. Mount the power unit of the switch to the wall junction box with the attached screws and mount the switch frame. Align the pins of the switching unit with the power unit, and snap them together, then use provided screws to securely fasten them in place.



5. Attach the switch buttons to the switching unit.



6. Turn on main power at the circuit breaker and test the switch by pressing the up or down button. If the shutter can be controlled normally by long pressing the up or down button, the switch is working properly.



Quick Setup

To use the device with a particular Matter ecosystem (Thread Mode), a Matter Controller of said ecosystem and a Thread Border Router are required.

1. Double-press any button, then press and hold it for 5 seconds until the blue indicator light starts blinking. This indicates that the device is in pairing mode.
2. Open the app that supports Matter, scan the Matter code on the manual or product, or enter the setup code to add the device to the app.
3. Proceed following the app's instruction.

To use the device in Aqara Home (Thread Mode), an Aqara Hub with border router function (for example, Hub M3) is required:

1. Double-press any button, then press and hold it for 5 seconds until the blue indicator light starts blinking. This indicates that the device is in pairing mode.
2. In the Aqara Home app, tap Add Accessory, choose Shutter Switch H2 EU. Scan the Matter code on the manual or product or enter the setup code to add the device to the app. Select Thread under Switch Protocol page.
3. Proceed following the app's instruction.

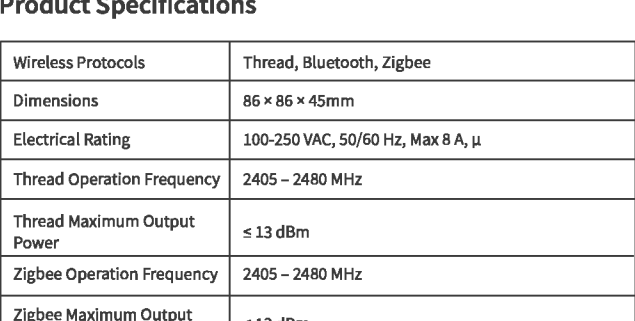
To use the device in Aqara Home (Zigbee Mode), an Aqara Zigbee Hub is required:

1. Double-press any button, then press and hold it for 5 seconds until the purple indicator light starts blinking. This indicates that the device is in pairing mode.
2. In the Aqara Home app, tap Add Accessory, keep the phone close to the device, and Shutter Switch H2 EU will show in the app's discovery section (at the top left). Tap the icon and select Zigbee under Switch Protocol page.
3. Proceed following the app's instruction.

Use Instructions:

1. Smart Calibration

Double-press the up button, then double-press the down button. The shutter will enter Smart Calibration Mode, automatically detecting the upper and lower travel limits to enable percentage-based position control via the app.



2. Direction Reverse

If the motor's L1 and L2 load wires are reversed, the UP/DOWN button directions may conflict with the motor's movement. To resolve this, press the up button five times to reverse the button directions and restore correct motor control.



3. Calibration Clearing

To reset the switch's calibration memory (e.g., due to abnormal operation), press the down button five times. This clears all calibration data and resets the switch to default mode. After that, you can only long-press the up/down button to manually control the motor, and percentage-based position control will be disabled until a new calibration is set up.

4. Passive Calibration

If no manual calibration is performed, the switch will automatically learn the shutter's full travel range after one complete open-and-close cycle. Once this process is completed, percentage-based position control will be enabled.

5. Wireless Buttons

The two right-side buttons are programmable wireless switches. Use Aqara Home or third-party apps (e.g., Home Assistant, Apple Home) to create custom automations, such as scene activations or multi-device interaction.

6. Advanced Features in Zigbee Mode

In Aqara Home's Zigbee mode, a range of advanced features are available, including Custom Calibration (which allows you to redefine the upper and lower limits of the roller shutter), Recalibration, Calibration Reminder, Preset Shutter Scenes, and Custom Press Mode.

Button Operations

Stage	Button	Operation	Function
Before Calibration	Up button	Press and hold	Move shutter up
	Down button	Press and hold	Move shutter down
	Up then down button	Double-press up, then double-press down	Smart calibration
After Calibration	Up button	Single press	Move shutter up/stop
	Down button	Single press	Move shutter down/stop
	Up button	Press 5 times	Reverse up/down direction
	Down button	Press 5 times	Clear calibration
Other Settings	Any button	Press 3 times	Locate device
	Any button	Double-press, then press and hold for 5s (within 3s)	Reset device and enable pairing
	Any button	Press 10 times in a row	Restore factory settings and enable pairing
	Wireless buttons	Single press	Trigger automation action

Indicator Light Description

Indicator light status	Description
Blue indicator light flashes 1 time	Device powered on
Blue indicator light flashes quickly	Pairing in progress/ finding device (Thread protocol)
Blue indicator light stays on for 1s	Pairing successful
The blue indicator light on the up/down button stays on.	The roller shutter is operating.
Red indicator light stays on	Device offline/Overheat or Overload Protection
Red indicator light flashes slowly 3 times	Pairing failed
Purple indicator light flashes quickly	Pairing in progress/ finding device (Zigbee protocol)

Product Specifications

Wireless Protocols	Thread, Bluetooth, Zigbee
Dimensions	86 × 86 × 45mm
Electrical Rating	100-250 VAC, 50/60 Hz, Max 8 A, μ
Thread Operation Frequency	2405 – 2480 MHz
Thread Maximum Output Power	≤ 13 dBm
Zigbee Operation Frequency	2405 – 2480 MHz
Zigbee Maximum Output Power	≤ 13 dBm
Bluetooth Operation Frequency	2402 - 2480 MHz
Bluetooth Maximum Output Power	≤ 13 dBm
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Operating Humidity	0 ~ 95% RH, no condensation