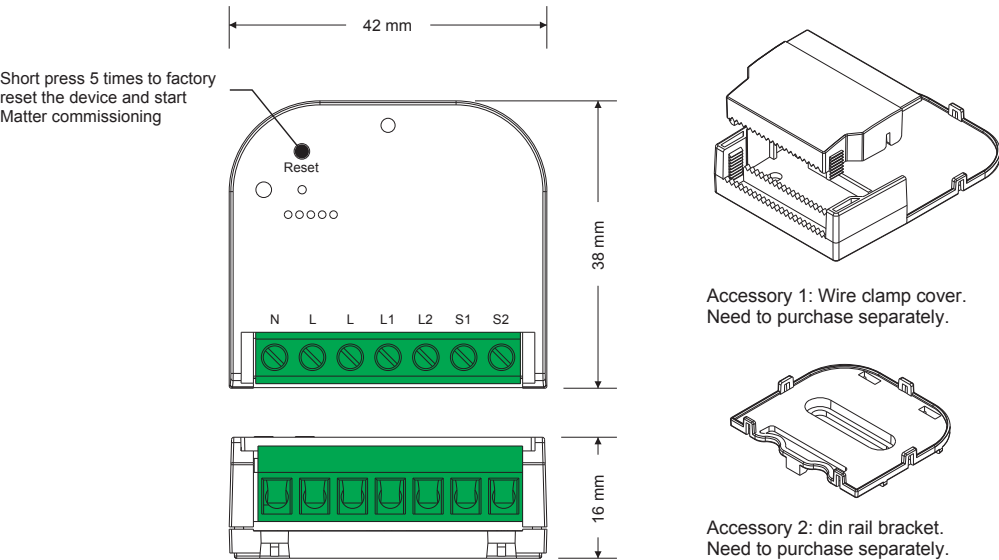


SmartSetup Matter Over Thread 2CH Smart Relay



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Operation Voltage	Max. Load Current	Overcurrent Protection	Standby Power Consumption	Size(LxWxH)
100-240Vac	L1/L2: Inductive load: 2A max. Capacitive load: 2A max. Resistive load: 4A max. L1+L2: 4A max.	Max. 5A	<=0.5W	42x38x16mm

- Matter over Thread 2-gang in-wall switch
- Enables to control ON/OFF of connected load
- Up to 920W resistive load per channel @ 230V, up to 460W LED load per channel @ 230V
- App control through Matter (e.g. Apple Home, Amazon Alexa, Google Home)
- Fully compatible with universal Matter ecosystems from different manufacturers
- Can be controlled by universal single wire push switch, 2 channels can be controlled separately by 2 switches
- Compatible with various types of switches: momentary, toggle
- Active power and energy metering functionality
- Mini Size, Easy to be installed into a standard wall box
- Over load/ Over heat protection

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Operation

1. Do wiring according to connection diagram correctly.
2. This Matter thread device is a wireless receiver that communicates with a variety of Matter compatible systems. This receiver receives and is controlled by wireless radio signals from the compatible Matter system.
3. Add to a Matter platform and control through the platform:

Note: An Apple HomePod mini is used as a Matter border router for adding and controlling the device. For other Matter border routers, please refer to their user manuals to learn how to add and control Matter devices.

- Step 1:** Prepare an iPhone (iOS 16.2 or later) or iPad (iPadOS 16.2 or later) with the latest version firmware, and prepare an Apple HomePod mini with the latest version firmware.
- Step 2:** Connect the iPhone or iPad to your home WLAN network. Run the Apple Home app and set up the HomePod mini as instructed by Apple (as shown in **Figure 1** to **Figure 7**).

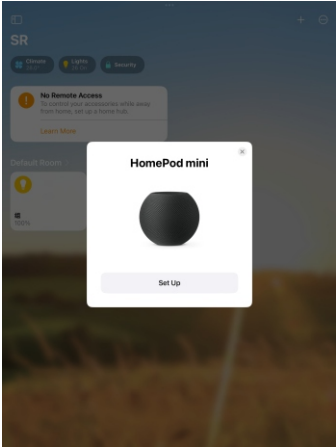


Figure 1

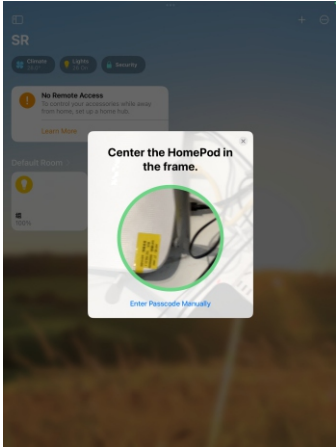


Figure 2

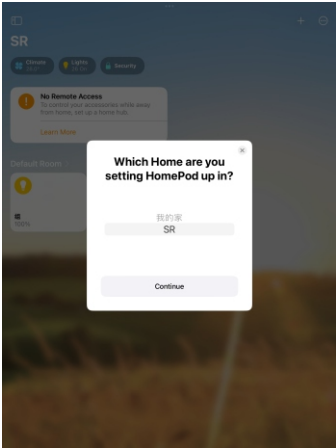


Figure 3

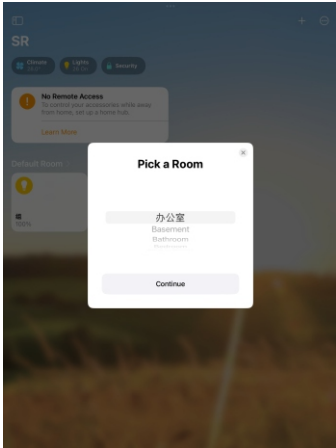


Figure 4

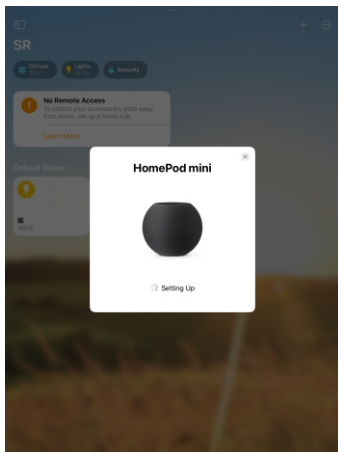


Figure 5

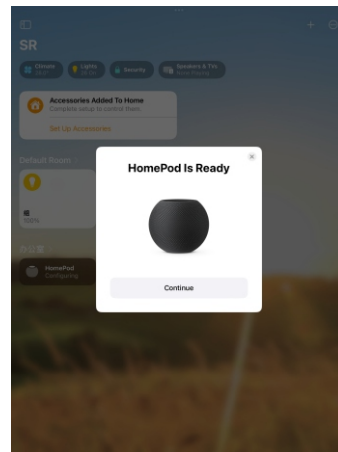


Figure 6

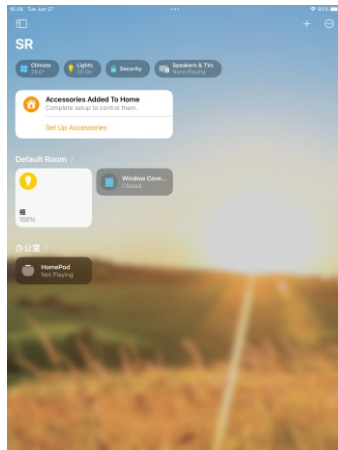


Figure 7

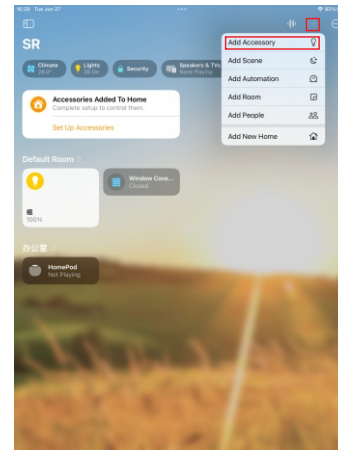


Figure 8

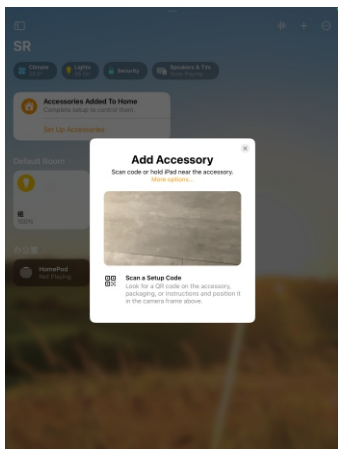


Figure 9

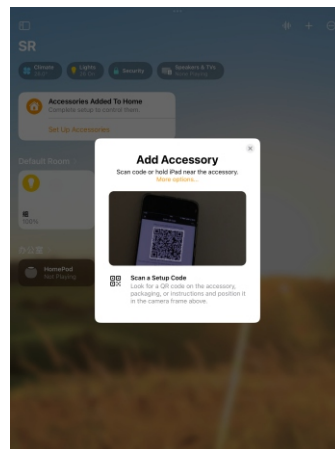


Figure 10

Step 3: Do wiring of the Matter thread relay according to the wiring diagram and power on it.

Step 4: Add the Matter thread relay to the Apple Home app by scanning the QR code sticker on the relay as shown in Figure 8 to Figure 15.

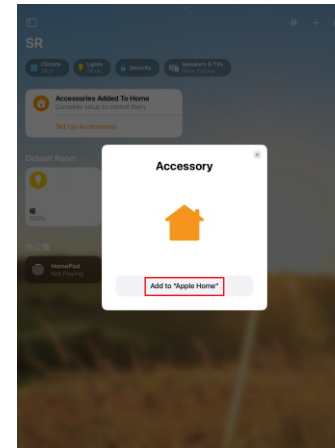


Figure 11

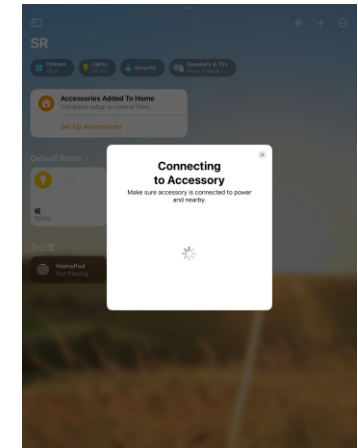


Figure 12

Note: Before scanning the QR code sticker on the relay as shown in Figure 10, short press the reset button 5 times to reset the relay so that it can be discovered by the Apple Home app. Otherwise if it has already been added to another gateway, current gateway can not discover and add it.

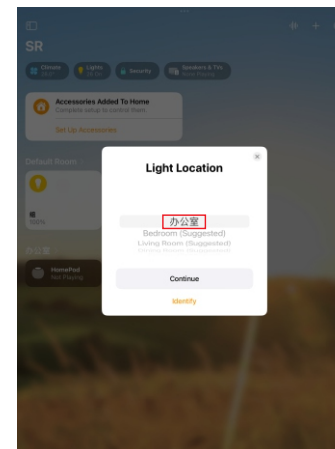


Figure 13

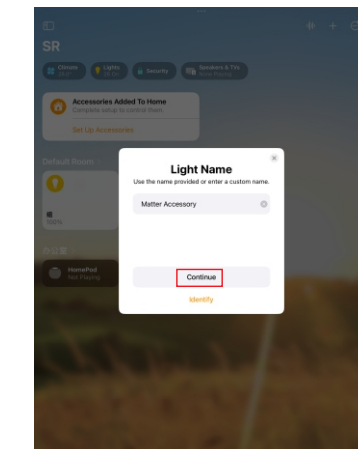


Figure 14

Note: When choose the room that you would like to add the relay to, please make sure to choose the same room that the HomePod mini is located as shown in Figure 13.

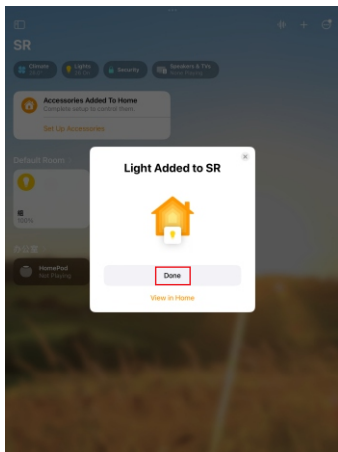


Figure 15

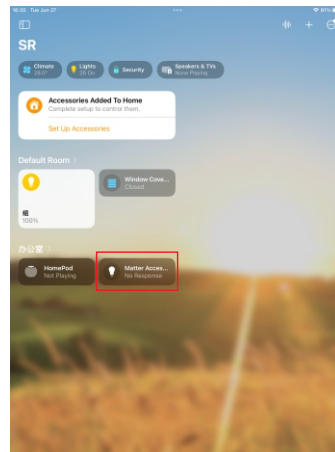


Figure 16

Step 5: once the relay is added to the gateway successfully, tap on the device to control on/off of the relay as shown in Figure 16 to Figure 18.

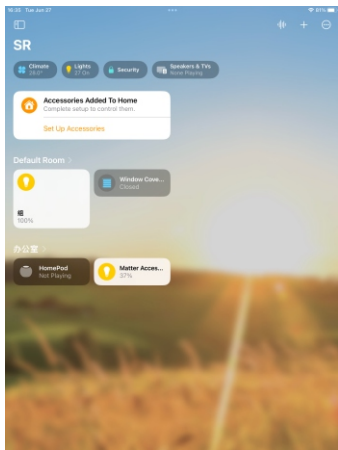


Figure 17

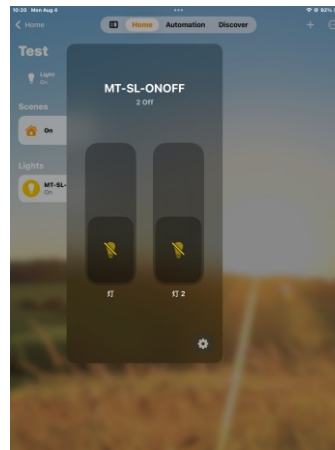
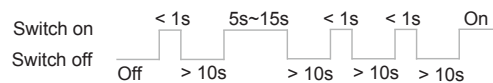


Figure 18

4. Restore factory settings

To restore the factory settings, short press the "Reset" button 5 times or switch the device power on and off in the following sequence. If the device is successfully reset, the connected light will blink 3 times to indicate successful reset.



7. Over load protection

When under over load alarm state, the LED blinks slowly (0.5s each time) and reports to the gateway at an interval of 1 minute. The device will cut the output until it's restarted or cancellations the alarm.

8. Over heat protection

When the temperature of the power board exceeds 95 °C, the output will be shut down and a warning will be reported to the gateway. Auto recovery after re-power on and the temperature is below 95 °C

Wiring Diagram

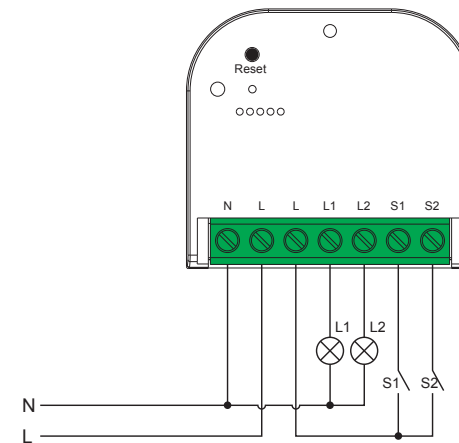
Notes for the diagrams:

L - terminal for live lead

N - terminal for neutral lead

L1,L2 - output terminal of the relay (controlling connected light source)

S1, S2 - terminal for switch



External switch type: there are 2 versions of firmware available, one is working with push switch, the other is working with toggle on/off switch, please confirm the external switch type when place the order.