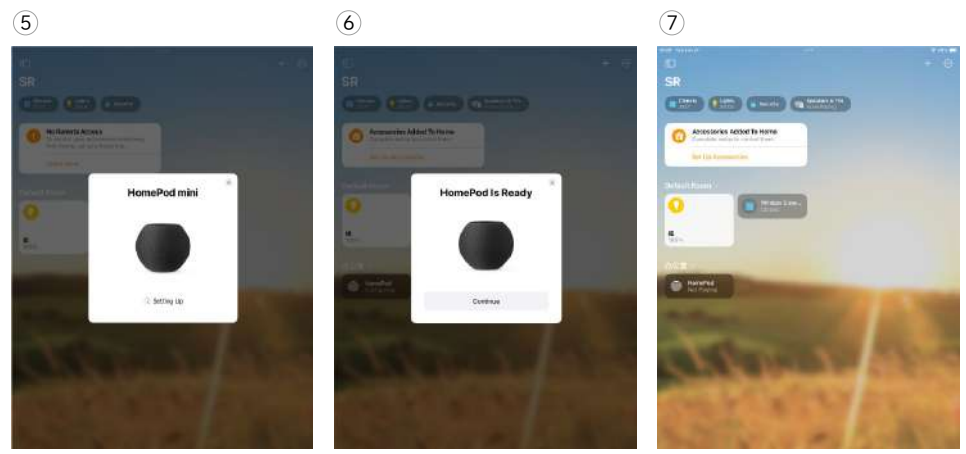
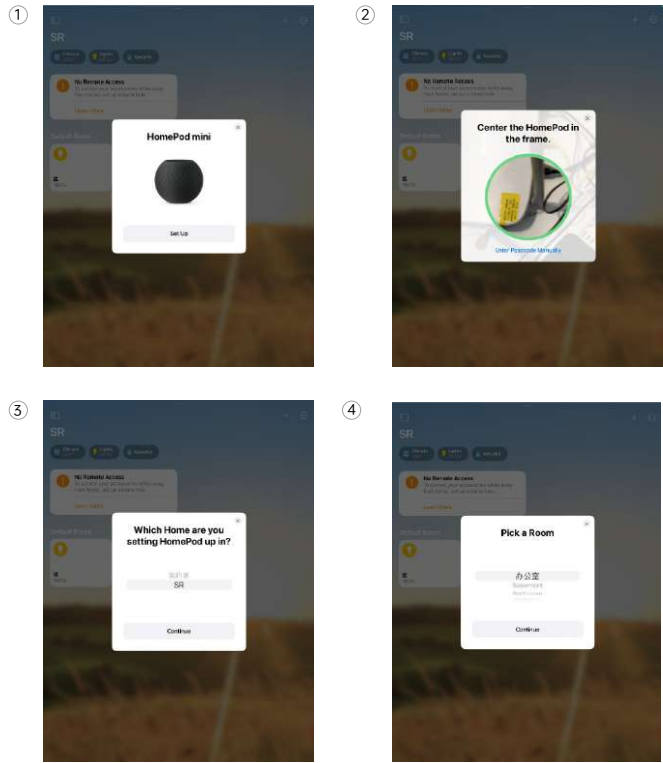


Operation

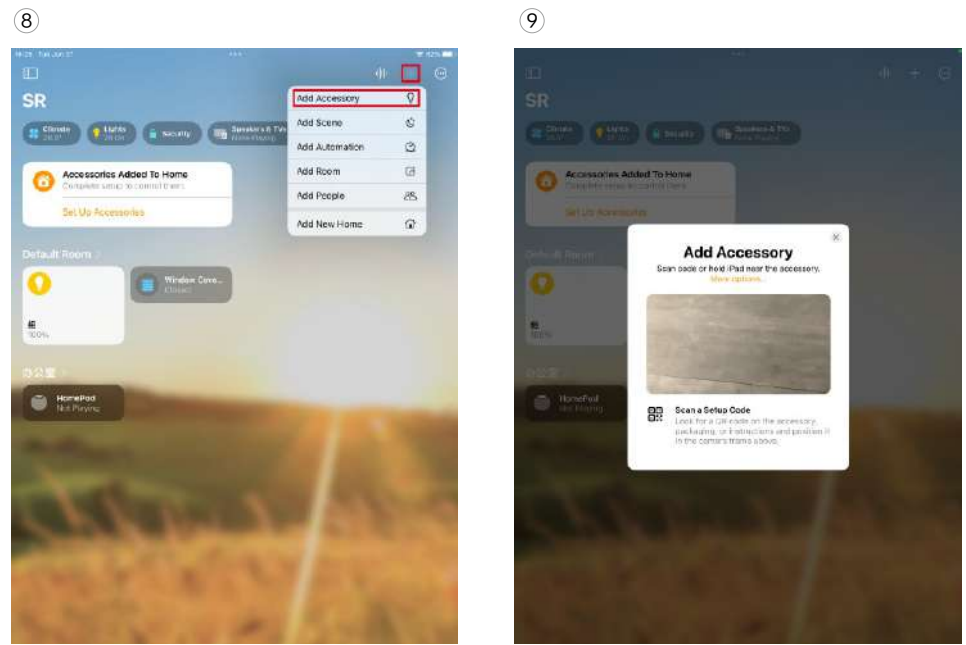
- 1 Do wiring according to connection diagram correctly.
- 2 This Matter thread device is a wireless receiver that communicates with a variety of Matter compatible systems. This receiver receives and is controlled by wireless radio signals from the compatible Matter system.
- 3 Add to a Matter gateway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

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.

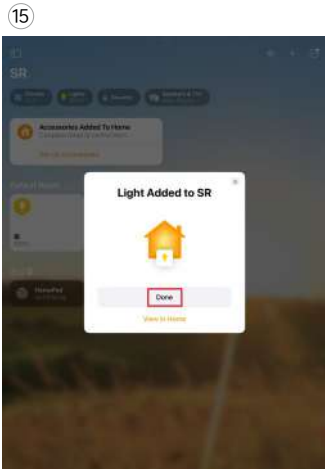
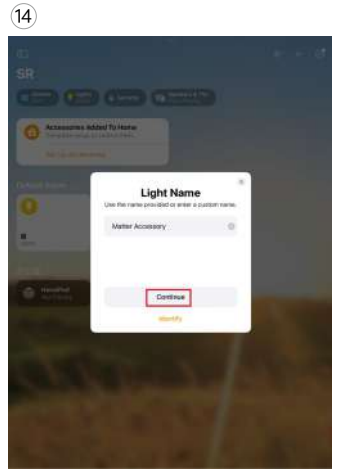
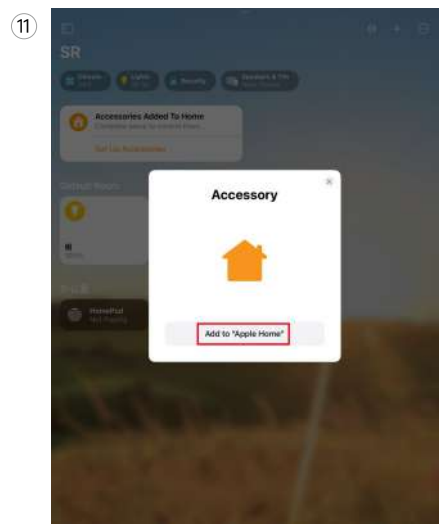
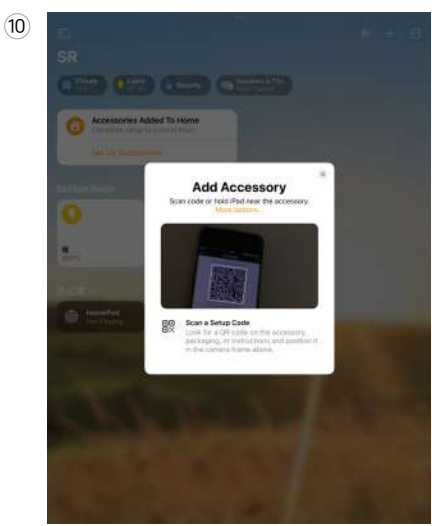
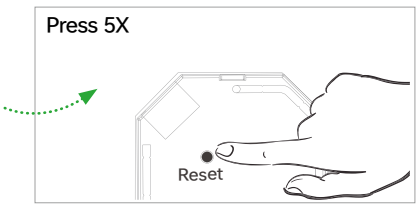
- Step 1:** Prepare an iPhone (iOS 16.2 or later) or iPad (iPadOS 16.2 or later) with the latest version firmware, and prepare an Apple HomePod mini with the latest version firmware.
- Step 2:** Connect the iPhone or iPad to your home WLAN network. Run the Apple Home app and set up the HomePod mini as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



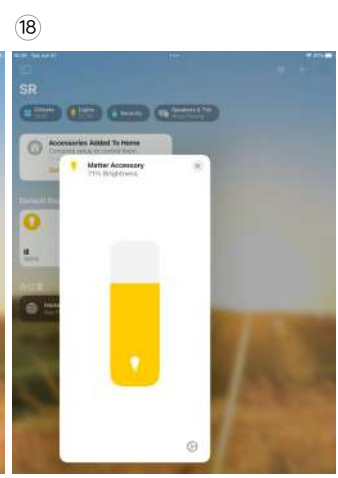
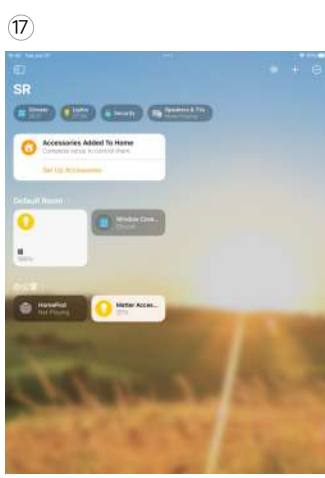
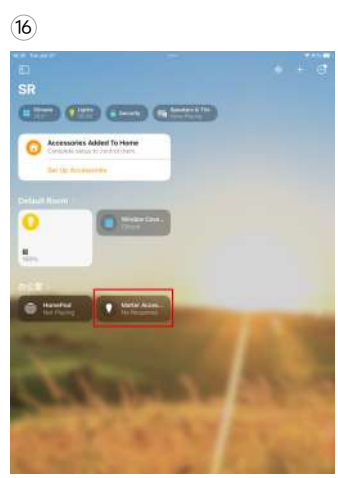
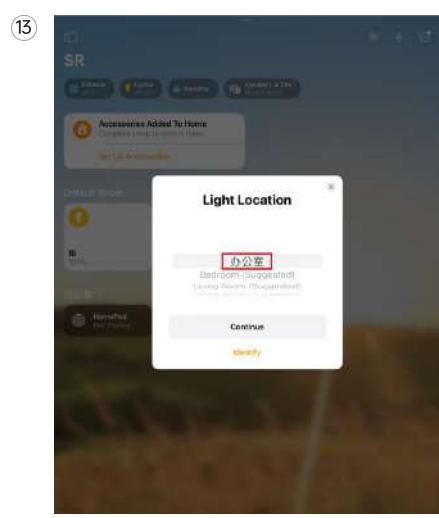
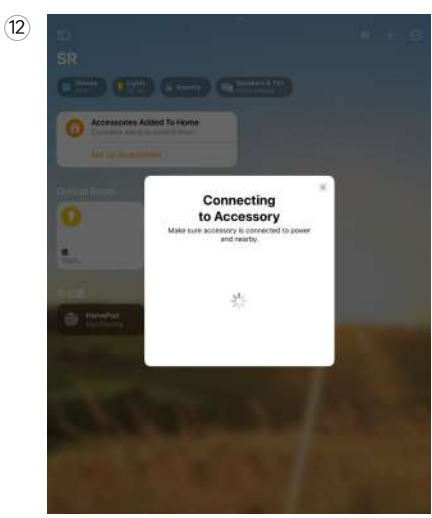
- Step 3:** Do wiring of the Matter thread dimmer according to the wiring diagram ([See P9-10](#)) and power on it.
- Step 4:** Add the Matter thread dimmer to the Apple Home app by scanning the QR code sticker on the dimmer as shown in [Figure 8 to Figure 15](#).



Note: Before scanning the QR code sticker on the dimmer as shown in [Figure 10](#), short press the reset button 5 times to reset the dimmer 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.

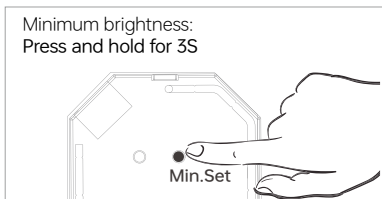


Note: When choose the room that you would like to add the dimmer to, please make sure to choose the same room that the HomePod mini is located as shown in [Figure 13](#).

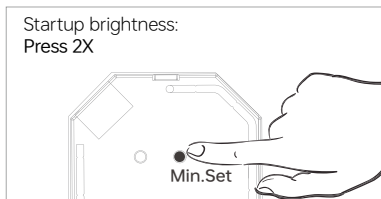


Step 5: Once the dimmer is added to the gateway successfully, tap on the device to control on/off and brightness of the dimmer as shown in [Figure 16](#) to [Figure 18](#).

4 Minimum and Startup Brightness Setting Button



Press and hold down the button for 3 seconds to set minimum brightness: when current brightness value is 1%-50%, it will be set as minimum brightness. When current brightness value is 100%, previously set minimum brightness will be deleted. Once a minimum brightness is set, the connected load can not be dimmed below this level.



Short press the button twice to set startup brightness: when current brightness value is 1%-50%, it will be set as startup brightness. When current brightness value is 0%, previously set startup brightness will be deleted.

Note:

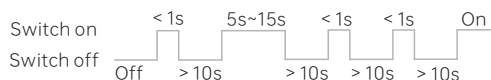
startup brightness setting function is to avoid the phenomenon that some dimmable LED drivers can not be turned on after dimmed to a low level and turned off. Once setting a startup brightness, if the startup brightness is higher than dimmed level before turned off, the driver will first go to the startup brightness after turned on then drop down to the dimmed level. If the startup brightness is lower than the dimmed level before turned off, the driver will directly go to the dimmed level after turned on.

5 Controlled by a push switch

Once connected with a push switch, click the push switch to switch ON/OFF, press and hold down it to increase/decrease light intensity.

6 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.



Wiring Diagram

* Notes for the diagrams:

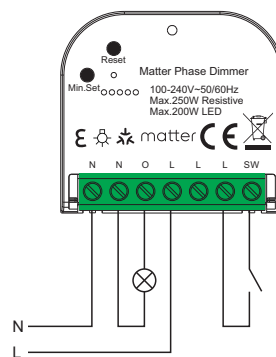
- L - terminal for live lead
- N - terminal for neutral lead
- O - output terminal of the dimmer (controlling connected light source)
- SW - terminal for switch

* Supported Switch Types:

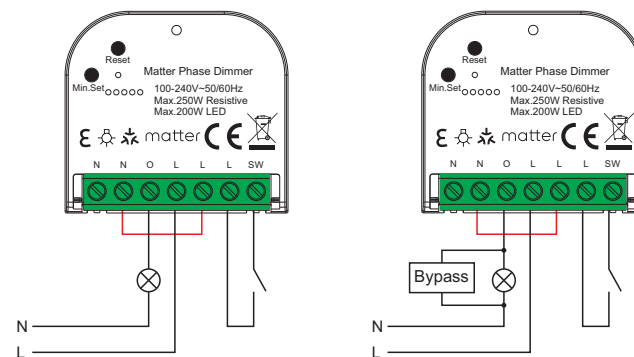
The switch types this device supports can be configured by factory setting:

1. Push Switch (factory default setting)
2. Toggle On/Off Switch (can be configured by factory setting upon request)

Method 1: With neutral



Method 2: Without neutral



* When using the device without neutral, the smart dimmer requires at least 20W @ 240 VAC of power consumption to operate. If the connected light has a smaller power consumption, then Bypass is needed for the device to work.