

RF controller

Product instructions



App Store 'Smart Life' APP

Production Overview

The RF controller allows you to easily operate RF remote devices and integrate them with other equipment to create a variety of smart application scenarios.



RF Controller Setup

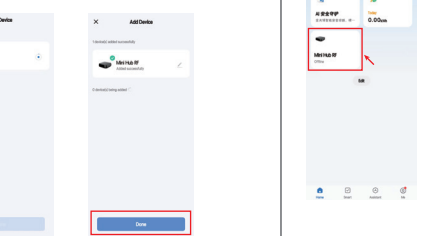
Step 1: Network setup

1. Enable Bluetooth on your phone and open the app. Go to the 'Home' page.
2. Tap the '+' icon in the top-right corner.
3. Press and hold the 'Reset' button on the controller until the status LED flashes.
4. Release the button once the controller appears in the device list. Select it to proceed.



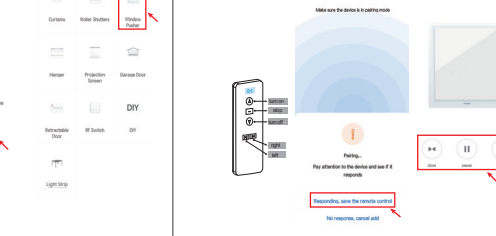
Step 2 : Add Wi-Fi

Make sure your phone and the device are connected to the same Wi-Fi network, then select a 2.4GHz network and enter the password (if your Wi-Fi is currently 5GHz, switch it to 2.4GHz first). After that, simply follow the usual steps to connect the device to your router.



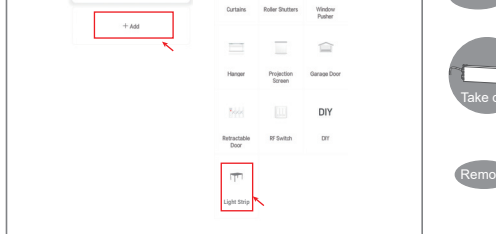
Step 3 : Add RF controller

Wait for the device to be added automatically. Once it's successfully added, it will appear in the 'Home' list. If you want to connect another phone to the same gateway, press and hold the 'Reset' button for more than 5 seconds until the indicator starts flashing, then add the device through the app as usual.



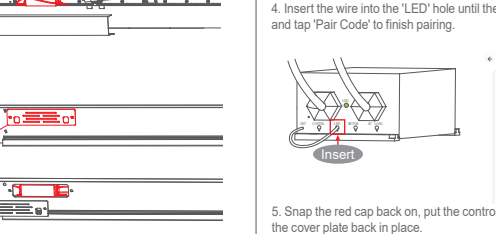
Add Device 01

1. Open the app and go to the 'Home' page, then tap the RF Controller, select 'Add Other Devices', and finally tap 'Window Pusher' to add it.
2. Press the left and right buttons on the remote control to select Channel 01, then hold down the 'Stop' button for 5 seconds.
3. On the app page, tap 'Pair Now', select 'Responding', Save Remote Control' to add the 'Window Pusher'.
4. Tap 'Open' or 'Close' to check whether the motor extends and retracts properly.
5. If it works, the addition is successful—tap the top-right corner to save.



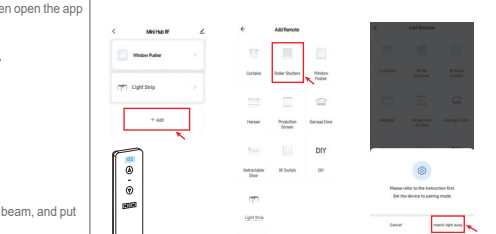
Add Device 02

1. Go to the 'Device List', tap 'Add', and choose 'Light Strip'.
2. Remove the controller cover on the beam and pull out the controller.
3. Find the white wire on the side of the controller and remove the red cap.
4. Insert the wire into the 'LED' hole until the light flashes, then open the app and tap 'Pair Code' to finish pairing.
5. Snap the red cap back on, put the controller back into the beam, and put the cover plate back in place.



Add Device 03

1. Return to the 'Device List', tap 'Add', and select 'Roller Shutter' on the remote, choose Channel 03 and hold down the 'Stop' button for five seconds, then tap 'match right away' in the app. Once the roller shutter responds, save the device.
- Next, select 'Roller Shutter' in the device list and tap 'Open' or 'Close' in the app to check that it operates normally. Once it opens and closes properly, the device has been added successfully.



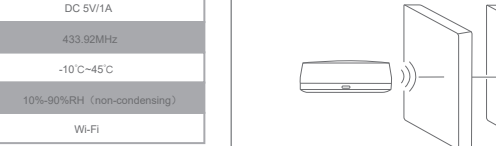
Product specification

Name	RF controller
Model	AC520-02
Power input	DC 5V/1A
RF frequency	433.92MHz
Operating temperature	-10°C~45°C
Working humidity	10%-90%RH (non-condensing)
Wireless connections	Wi-Fi



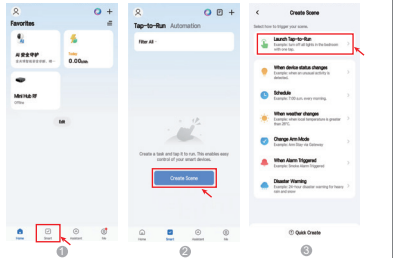
RF controller connection range:

The range is approximately 100–150 meters in open, unobstructed areas. When passing through walls, it can penetrate only one wall.

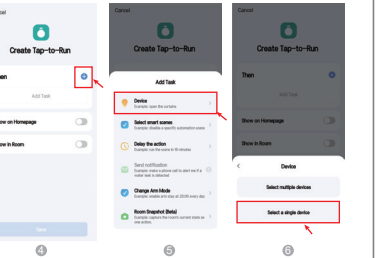


Add devices for batch control via smart scenes

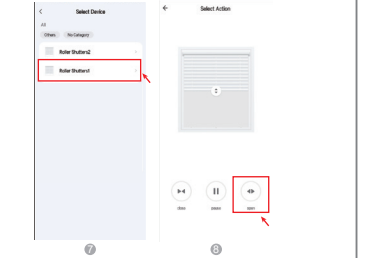
1. On the APP home page, select the 'Smart' and click 'Create Scene' , as shown in Figures 1-2.
2. Select 'Launch Tap-to-Run' , as shown in Figure 3.



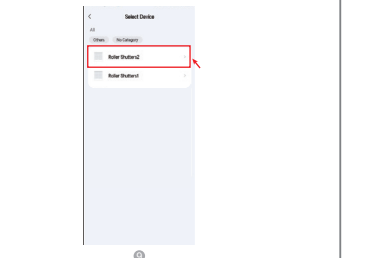
3. Click the + button on the right of 'Then' , select 'Device' in the add task list, and then select 'Select a single device' , as shown in Figures 4-6.



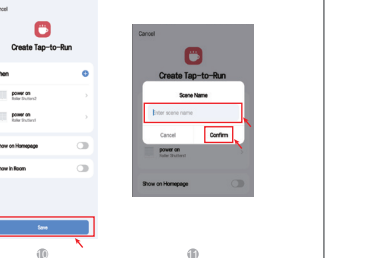
4. From the device list, select Device 01 and set it to 'Open' as shown in Figures 7-8.



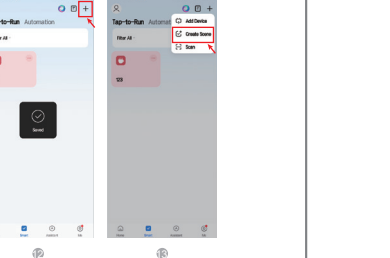
5. After adding Device 01, click the + button on the right of 'Then' again. Select 'Device' and then 'Select a single device' in the add task list, as shown in Figures 4-6. In the device selection list, select the target Device 02 and choose the 'Open' , as shown in Figures 8-9.



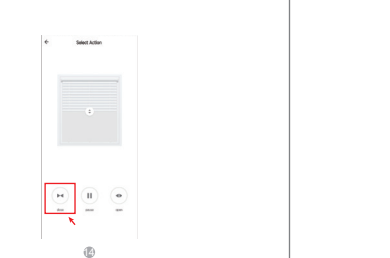
6. After all devices are added,click the 'Save' button,enter a scene name, and click 'Save' to complete the scene creation, as shown in Figures 10-11.



7. On the 'Smart' page, tap the '+' icon in the top-right corner and select 'Create Scene' , as shown in Figures 12-13.



8. Tap the + button next to 'Then' , select 'Device' → 'Single Device' from the task list, then choose Device 01 from the device list and set it to 'Close' (see Figures 4–7 and 14). After adding Device 01, tap the + button next to 'Then' again, select 'Device' → 'Single Device' from the task list, then choose Device 02 from the device list and set it to 'Close' (see Figures 4–6, 9, and 14).



9. Once all devices are added, tap 'Save' , enter a scene name, and tap 'Save' again to complete the scene with 'Close' (see Figures 10–11). Now you're all set—use the command module on the Smart page to control all your devices with a single tap.

