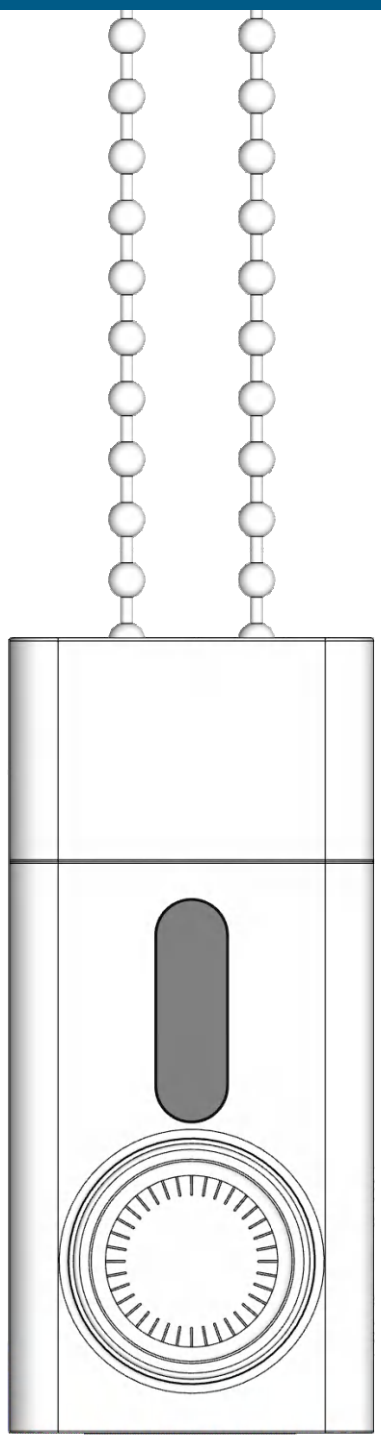
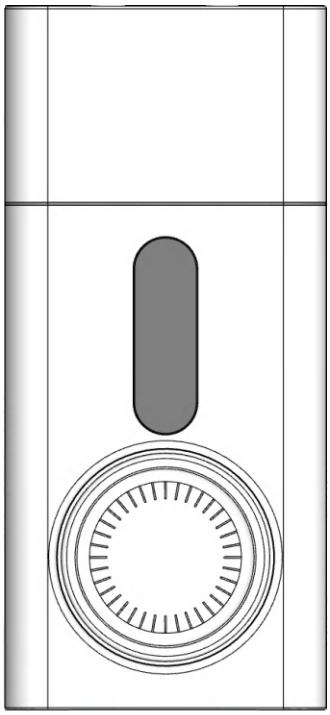
Knob-Type Bead Chain Motor Instruction Manual

A 1.0



Bead Chain Motor Instruction

Electronic Type



- Silent Design
- Electronic limit-setting memory function
- Wireless remote control function
- Built-in lithium battery
- Compatible with smart home systems
- Percentage position control function
- Jog / Continuous mode switching
- Three-speed control switching

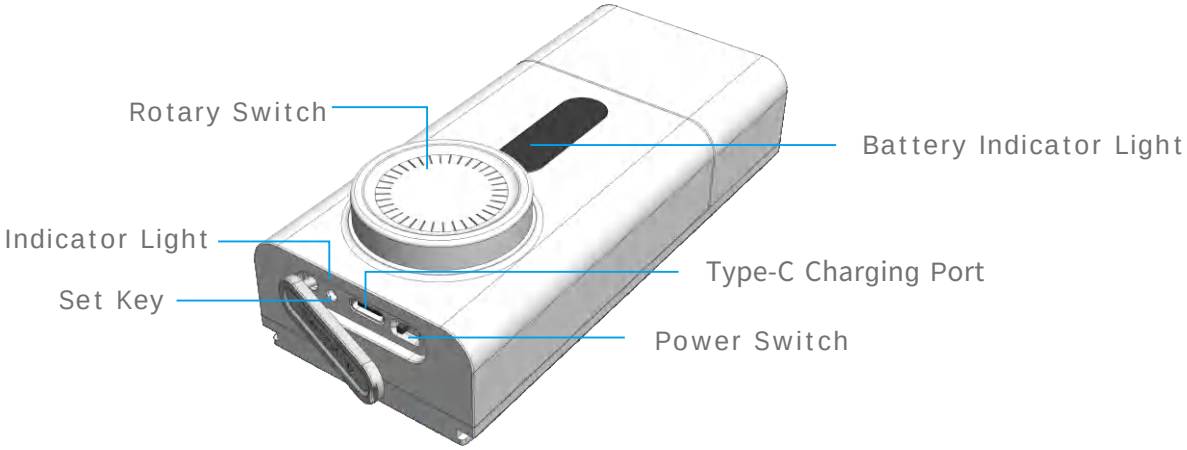
Technical Specifications

Model	Charging Voltage	Power	Speed	Torque	Max Current	Battery Capacity	Max Load
RM86	DC 5V/2A	10W	50rpm	0.6Nm	2.5A	3.7V/5000mAh	6KG

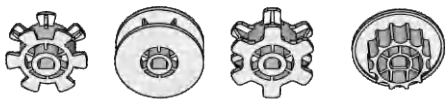
⚠ When the motor battery level is low, the control system will emit a low-battery alert sound (“Di”). Please charge the motor promptly to prevent over-discharge, which may damage the battery or cause abnormal motor operation.

Before first use, fully charge the battery for at least 6 hours.
To extend battery life, please recharge the lithium battery device for at least 6 hours every 3 months, even when not in use.

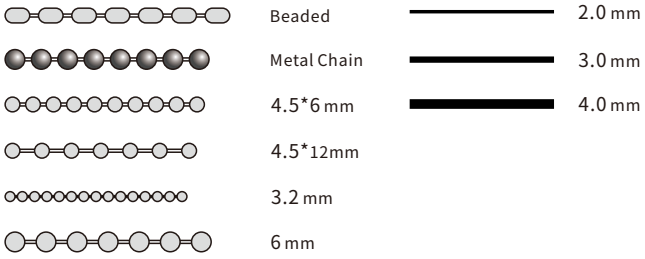
Motor Key Description



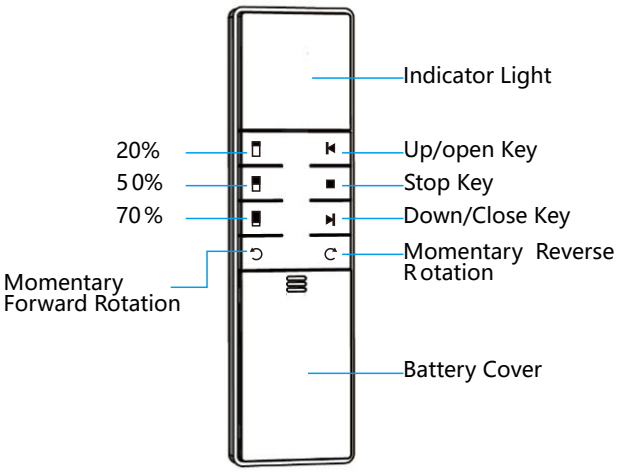
Accessories



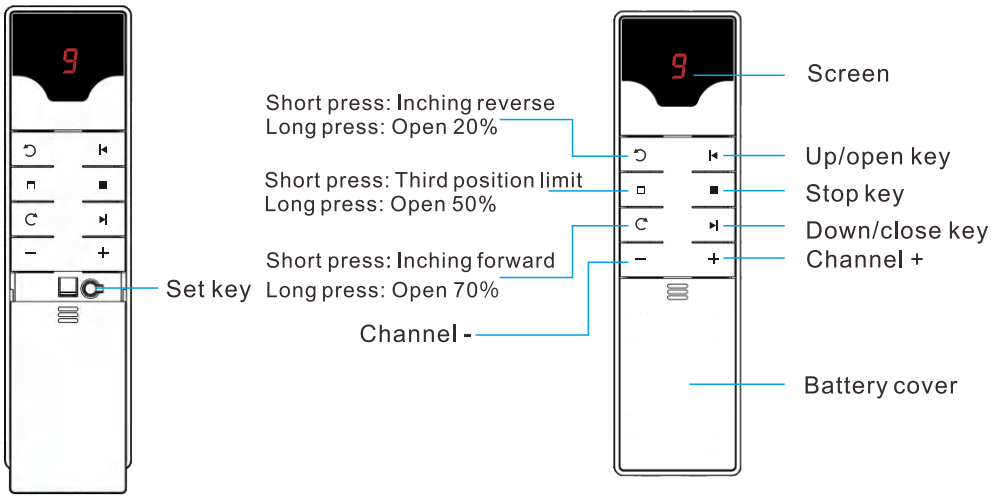
Applicable Bead Chains



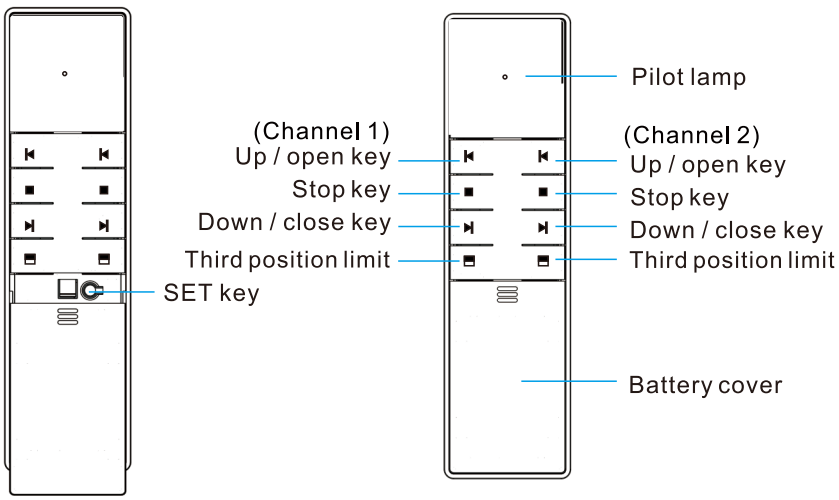
Remote Instruction



Single Frequency Remote



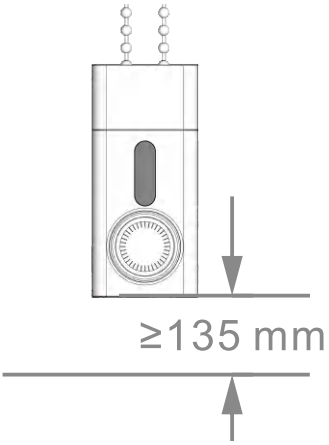
Multi-frequency Remote

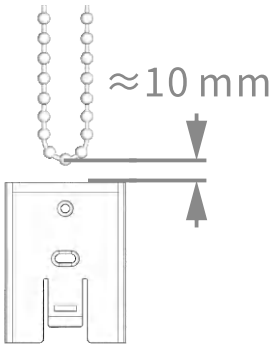


Dual Chanel Remote

STEP 1

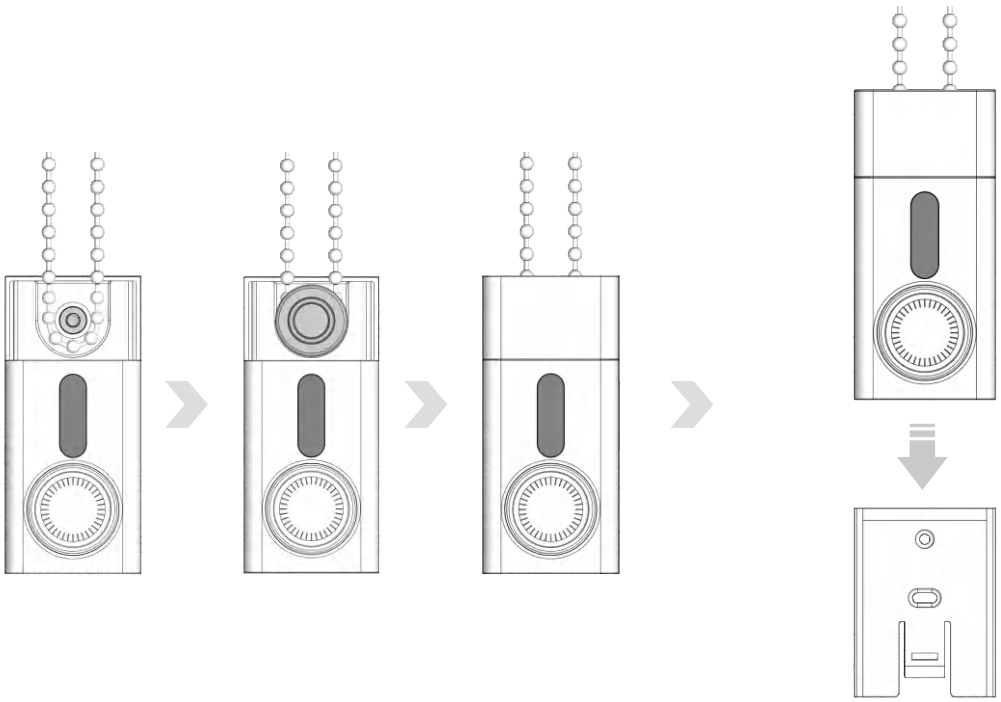
Confirm the installation distance and position. Use screws or double-sided strong adhesive tape to fix the mounting base in a suitable position (as shown below).





STEP 2

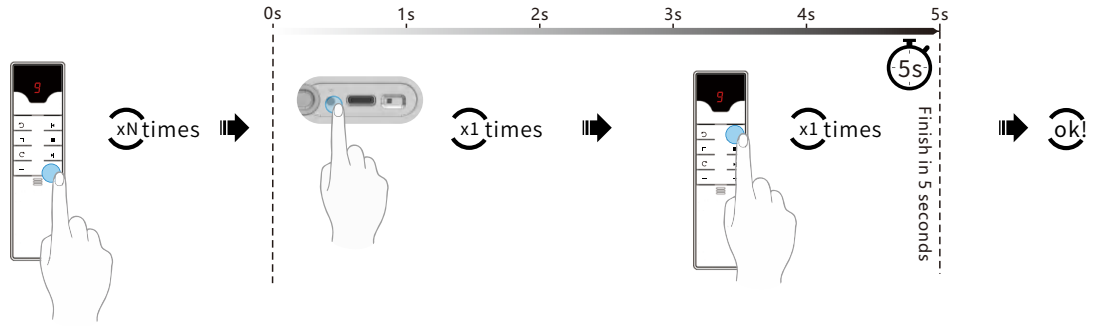
Assemble the bead chain, drive wheel, and motor according to the diagram. Then insert the motor into the fixed base.



Connect the motor with the remote control

⚠ This operation is only valid when the remote control is within effective range and the motor is powered on.

Connect the motor with the remote



Choose the channel which is connected to the motor by the remote control "+" or "-" key.

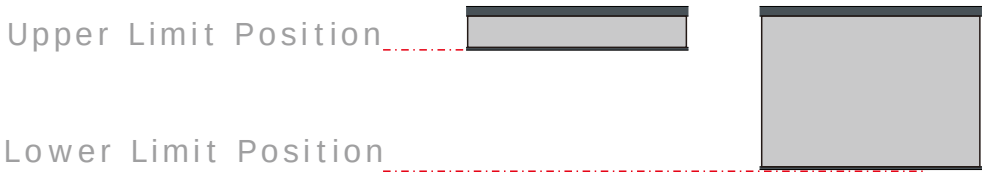
Press the motor set key once. The motor will emit a "Di" sound.

Within 5 seconds, press the up key on the remote control once.

The motor is set successfully with a " Di" sound

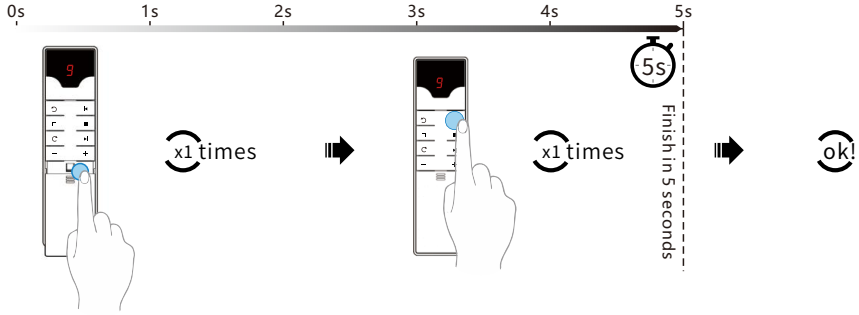
Limit Setting

⚠ Before setting limits, run the motor to the desired position and pause it. Then follow the steps below. If the motor already has limit settings, please clear the existing limits before resetting.



※Percentage control mode requires both the upper limit and lower limit to be set first.

Upper Limit Setting

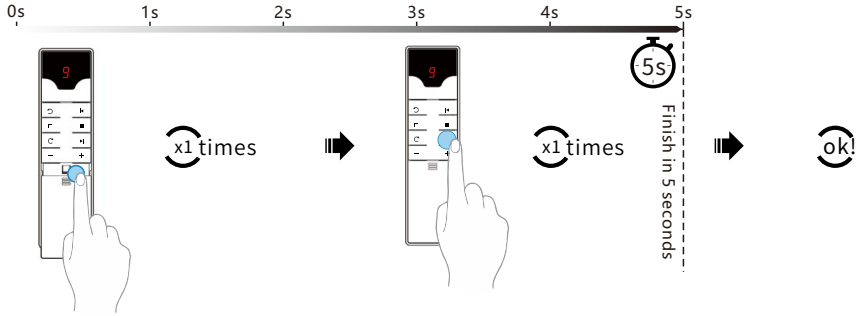


Press the set key once. The screen will show “ 1 ” .

Within 3 seconds, press the up key once.

The motor is set successfully with a " Di" sound

Lower Limit Setting



Press the set key once. The screen will show “ 1 ” .

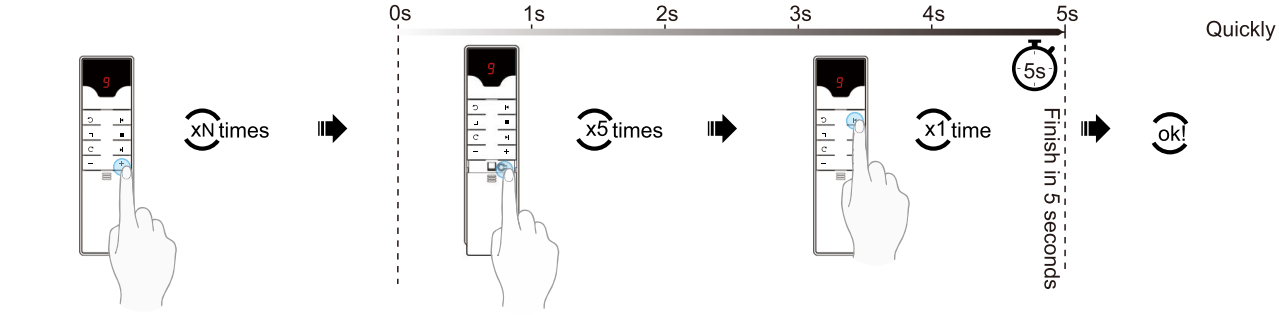
Within 3 seconds, press the down key once.

The motor is set successfully with a " Di" sound

Delete the remote control from the motor

These operations only work for the remote control within the effective control distance, and the motor is in the power-on state, otherwise it doesn't work.

Delete the remote current channel from the motor



Choose the channel which is connected to the motor by the remote control "+" or "-" key.

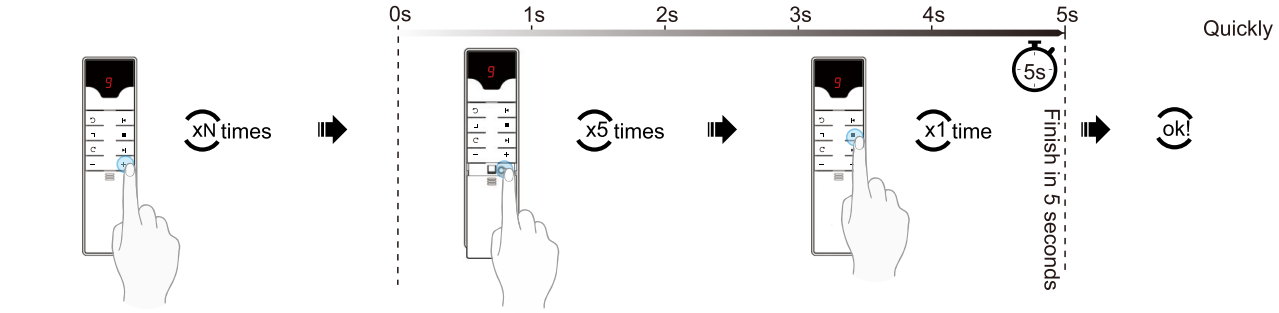
Press the remote control "Set key" 5 times, the screen shows 5.

Press the "Up/open key" in less than 3 seconds.

The motor is set successfully with a " Di" sound

Delete current remote from the motor

To cancel the connection between the motor and current remote all channels.



Choose the channel which is connected to the motor by the remote control "+" or "-" key.

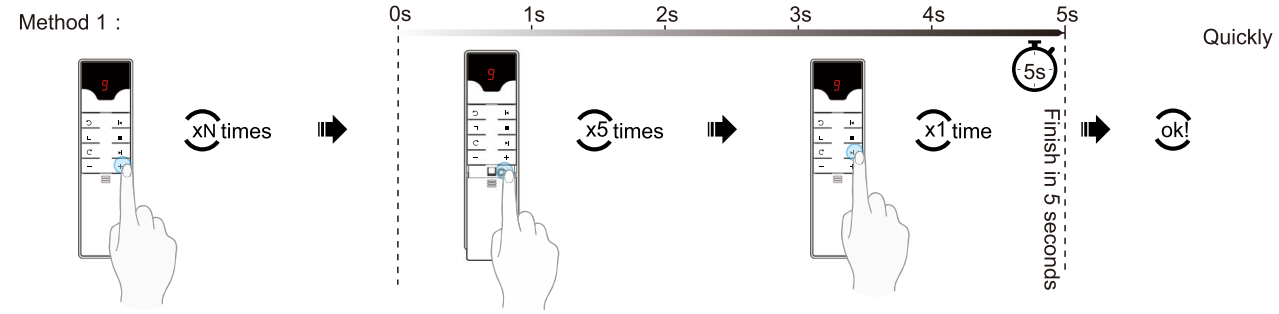
Press the remote control "Set key" 5 times, the screen shows 5.

Press the "Stop key" in less than 3 seconds.

The motor is set successfully with a " Di" sound

Delete all remote controls from the motor

Method 1 :



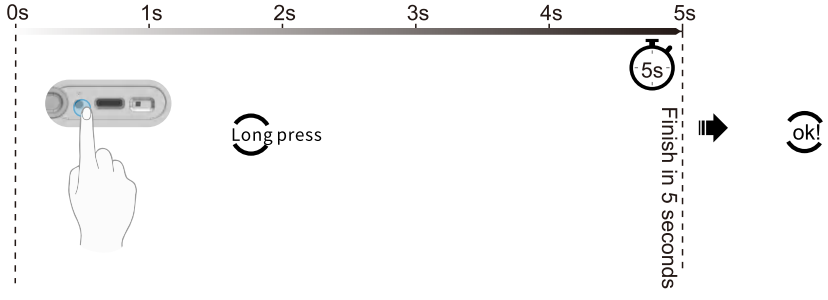
Choose the channel which is connected to the motor by the remote control "+" or "-" key.

Press the remote control "Set key" 5 times, the screen shows 5.

Press the "Down/close key" in less than 3 seconds.

The motor is set successfully with a " Di" sound

Method 2 :



Long press the motor "Set key" for 5 seconds

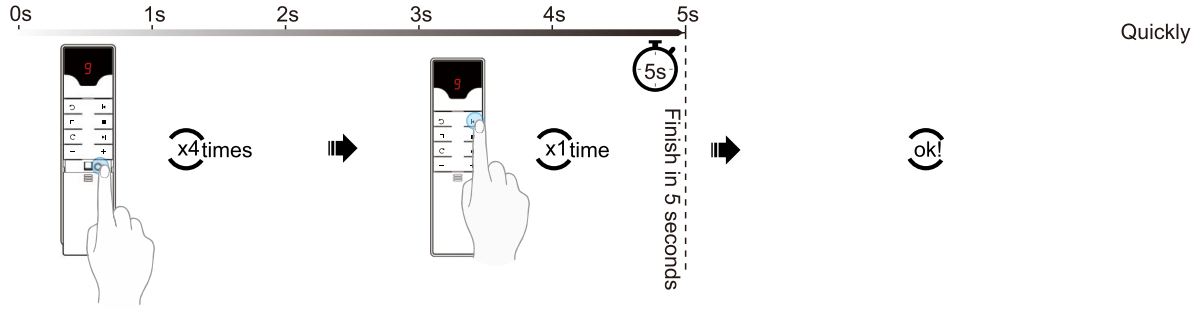
The motor light flashes rapidly, set successfully

Other Functions

⚠ The following functions can be set as personal needs.

Change the remote control direction

⚠ When the control direction is opposite, the remote control can be used to switch the direction, and you can repeat the operation to switch.



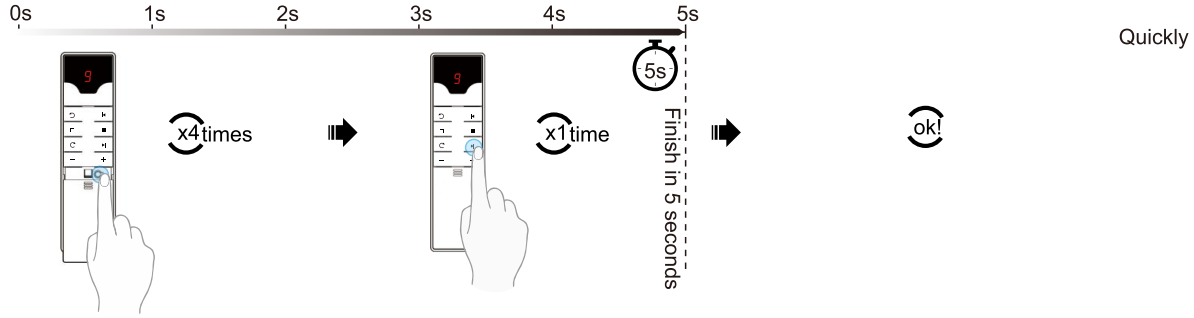
Press the remote control "Set key" 4 times, the screen shows 4.

Press the "Up/open key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Inching or continuation move action

⚠ When the inching action is needed, perform the following operations. (Repeat this operation can switch back to the continuation move mode.)



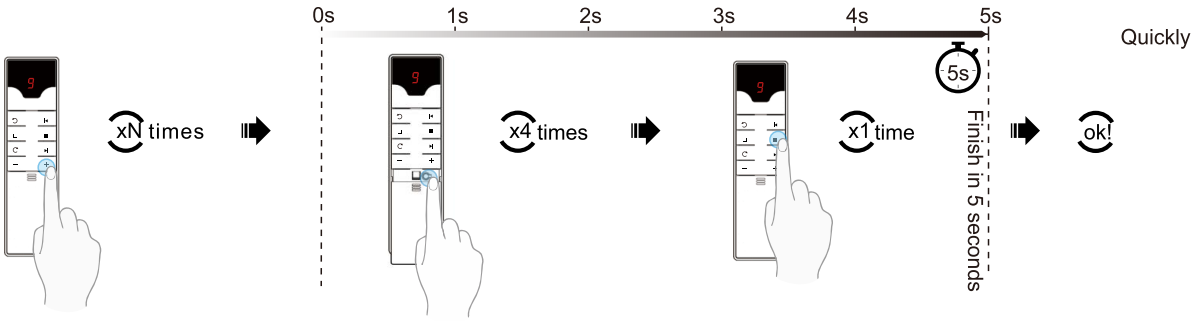
Press the remote control "Set key" 4 times, the screen shows 4.

Press the "Down/close key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Lock or open the remote channel

⚠ If you need to hide the extra channels, you can perform the following operations. (Repeat the operation to unlock channel.)



Press the remote control "+"or "-" key to choose the channel which you want to lock .

Press the remote control "Set key" 4 times, the screen shows 4.

Press the "Stop key" in less than 3 seconds.

Set successfully

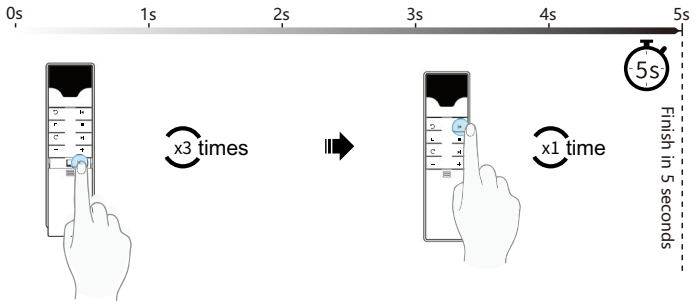
Lock the channel: Perform this operation after selecting the channel you want to lock.
Unlock the channel: Perform this operation on any channel to unlock it.
(Repeat this operation to lock or unlock a channel.)

Delete Limit

⚠ You can delete the limit at any position.

Delete up limit

Quickly



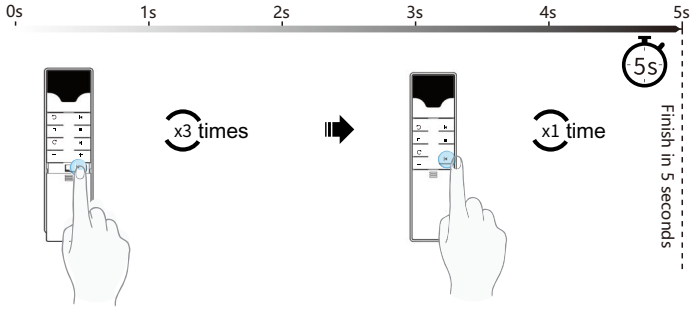
Press the remote control "Set key" 3 times, the screen shows 3.

Press the "Up / open key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Delete down limit

Quickly



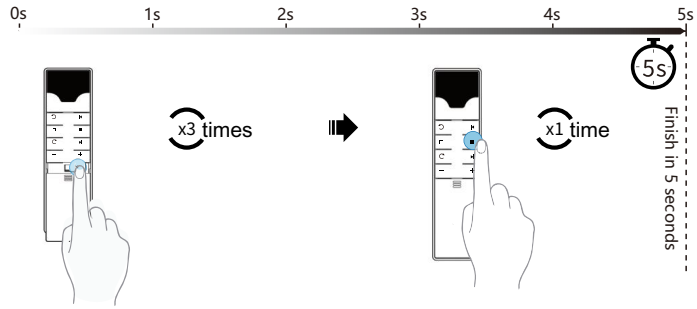
Press the remote control "Set key" 3 times, the screen shows 3.

Press the "Down / close key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Delete third position limit

Quickly



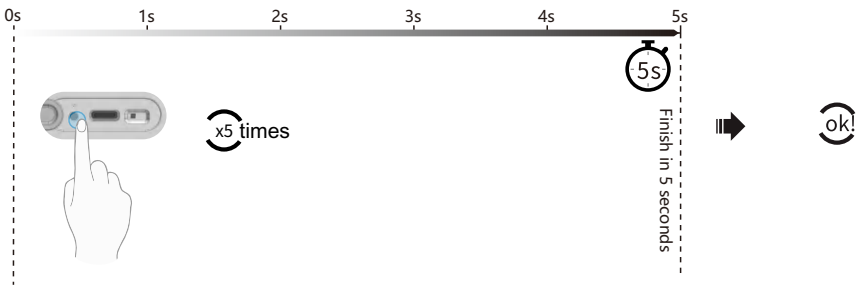
Press the remote control "Set key" 3 times, the screen shows 3.

Press the "Stop key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

The limit back to factory mode (Delete all the limits)

Quickly



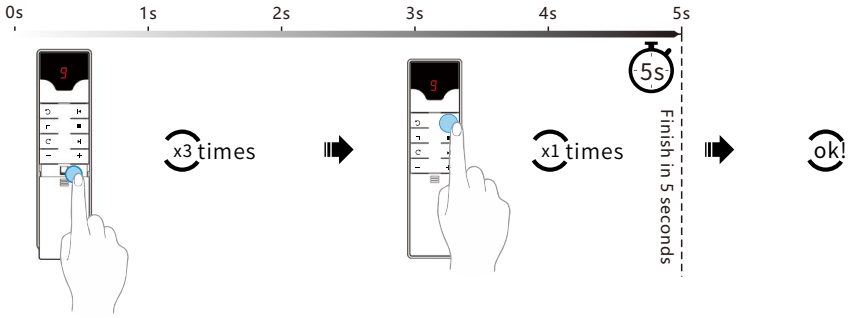
Press the motor's "Set key" 5 times in less than 5 seconds,

The motor is set successfully with a "Di" sound.

Speed Switching

⚠ Speed setting can be performed at any position during operation.

High Speed Setting

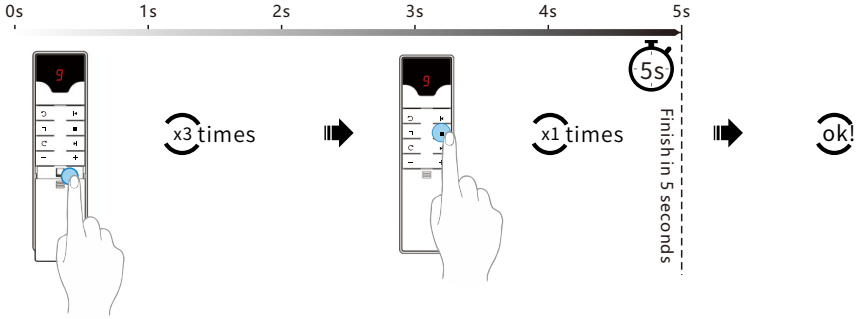


Press the remote control "Set key" 2 times, the screen shows 2.

Press the "Up / open key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Medium Speed Setting

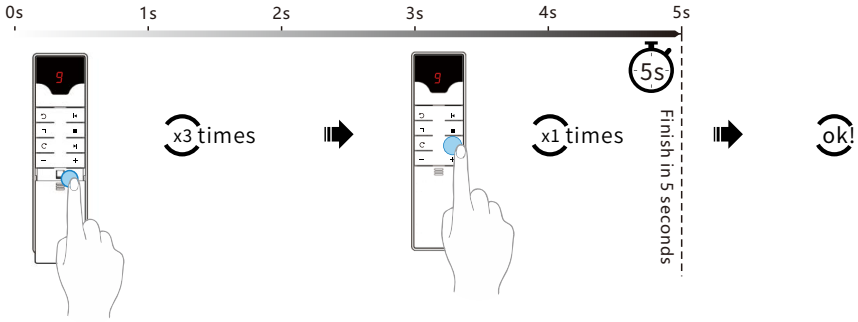


Press the remote control "Set key" 2 times, the screen shows 2.

Press the "Stop key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Low Speed Setting

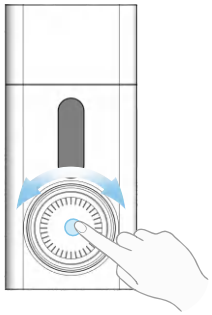


Press the remote control "Set key" 2 times, the screen shows 2.

Press the "Down / close key" in less than 3 seconds.

The motor is set successfully with a "Di" sound.

Knob Control



Turn Left (counterclockwise): The motor runs in the reverse direction; continue turning left to cycle through speed levels.
Turn Right (clockwise): The motor runs in the forward direction; continue turning right to cycle through speed levels.
Press Down: The motor stops.

App User Manual

Network Configuration Instructions for Wi-Fi

1 Download the APP

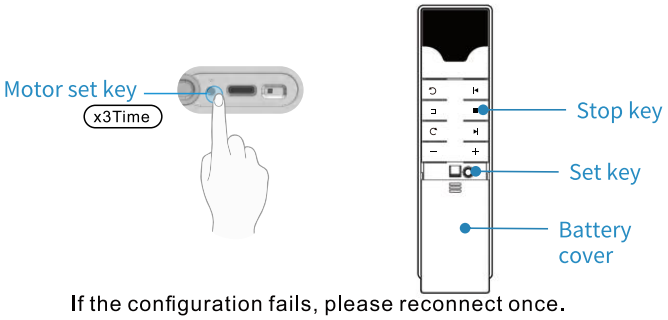
Scan the QR code as below, or search "Smart life" in any App store, to download the App.



2 Motor Enters Pairin App Configuration State

Method 1:In the case of power on, please press the motor"Set key3 times within 5 seconds.The indicator light flashes quickly and then goes out, waiting to connect with the app.

Method 2: Alternatively, press the remote control"Set key" 6 times. The screen will show 6, then continue to press the "Stop key" once quickly within 5 seconds.

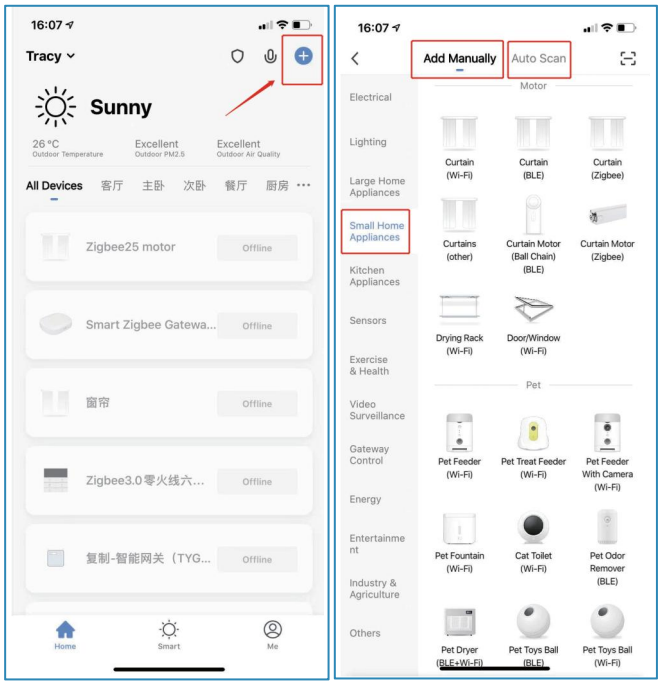


If the configuration fails, please reconnect once.

(The premise of using method 2 is that the remote control has been connected to the motor.)

3 Adding Devices-Small Home Appliances

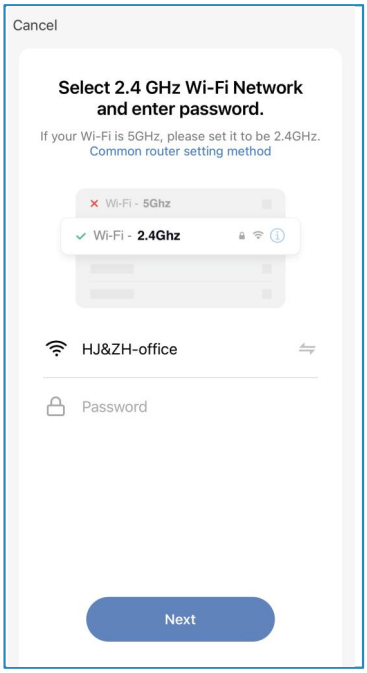
Click "+" in the upper right corner to enter the add device page and select “Add Manually - Small Home Appliances”, or automatically discover and add.



4 Connected network

Enter WiFi password,wait for the connection, and the device will be successfully added.

Note: Please make sure your phone and smart device are connected to the same Wi-Fi.



Note:
The App supports two configurations: EZ mode, and AP mode.
EZ mode: The default mode is fast-speed connected internet mode.
Use AP mode when there is no Wi-Fi. It adopts a hot distribution network.

Pay attention to checking whether the WiFi configuration is set to a 2.4GHz channel.
App percentage control: composed of 10 percentage control positions such as 0, 10, 20, 30 ... 90, 100.

Indicator Description

Lights flash quickly: Configuring network.

Lights flash Slowly: AP Mode Configuring.

Lights stay on:Has connected to the router and cloud.
Lights turn off: After the light stays on for 3 seconds, the light turns off and the Wi-Fi onfiguration is successful.

Network configurations for Zigbee or Bluetooth

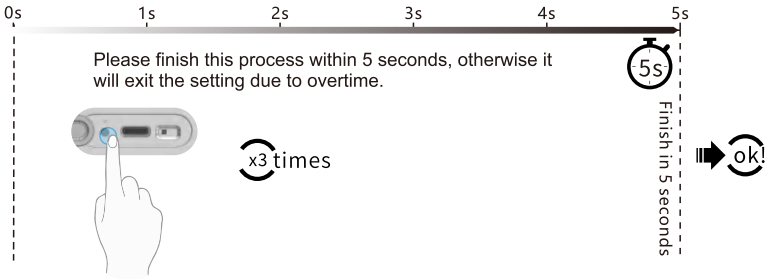
1 Download the App

Scan the QR code as below, or search “Smart life" in any App store, to download the App. Then please add the ZigBee or Bluetooth gateway into App first.



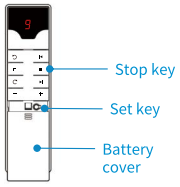
2 Motor Enters Pairin App Configuration State

⚠ This operation can also be performed when the gateway cannot find the device or the network needs to be reconfigured.



Method 1:In the case of power on, please press the motor"Set key3 times within 5 seconds.The indicator light flashes quickly and then goes out, waiting to connect with the app.

Method 2: Alternatively, press the remote control"Set key" 6 times. The screen will show 6, then continue to press the "Stop key" once quickly within 5 seconds.

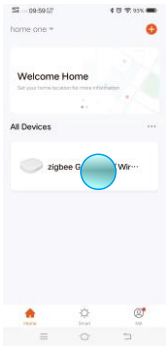


If the configuration fails, please reconnect once.

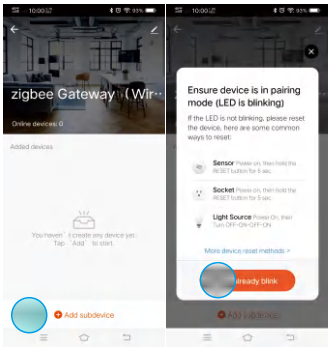
（*The premise of using method 2 is that the remote control has been connected to the motor.*）

3 App setting

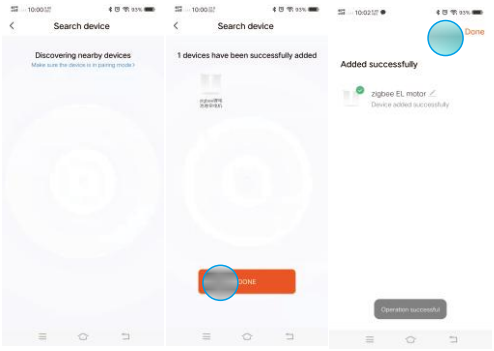
⚠ Please follow these steps to configure the motor.



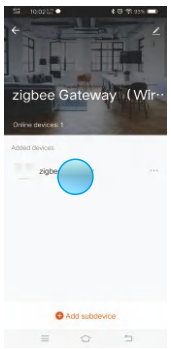
1. Please make sure that the ZigBee or Bluetooth gateway is connected to the App, and then enter the homepage to choose the gateway which you want to connect.



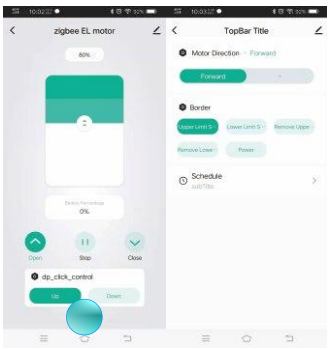
2. Under the Zigbee page, "Add subdevice".



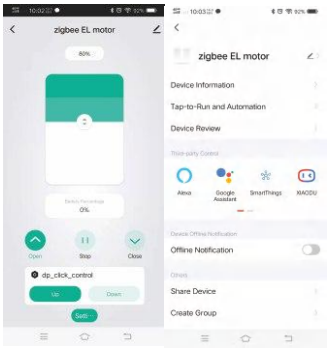
3. The App will now search for the device and register to your account. Choose the curtain motor to connect, then reset the Device Name.



4. Back to the Zigbee page, choose the motor which you just added.



5. Enter the motor control page, now you can control the motor by App as well. Enter the motor setting page, set the motor limit, timing control, change the motor direction, and so on.

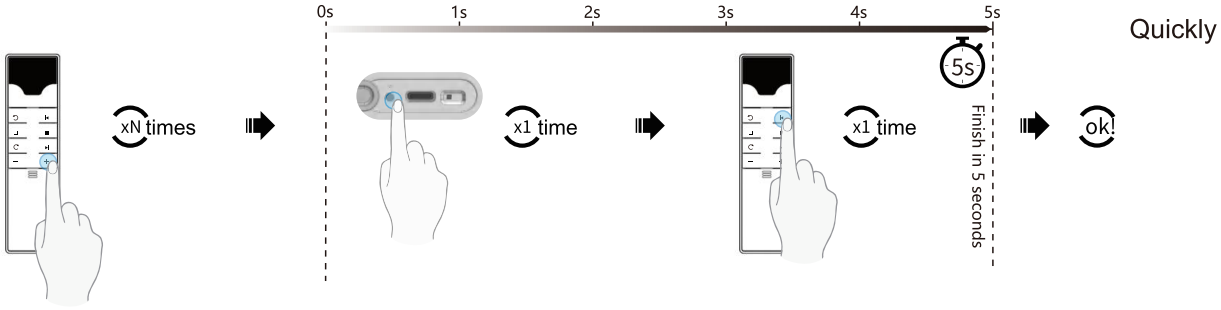


6. On the motor control page, click "⚙" in the upper right corner to enter the motor technical parameter setting page, you can check the device information, change the name, and so on.

Network Configuration Instructions for Matter

⚠ If the motor travel limit is already set, you can proceed directly to network configuration.

Connection setting for motor and remote control



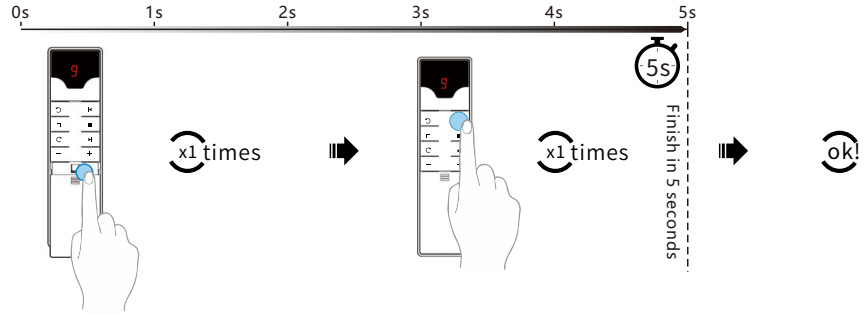
Choose one of the channel to connect with the motor by "+" or "-" button.

Press the motor's "Set key" once, the motor light flashes.

Press the "Up/open key" once within 5 seconds.

The motor light flashes rapidly, set successfully

Upper Limit Setting

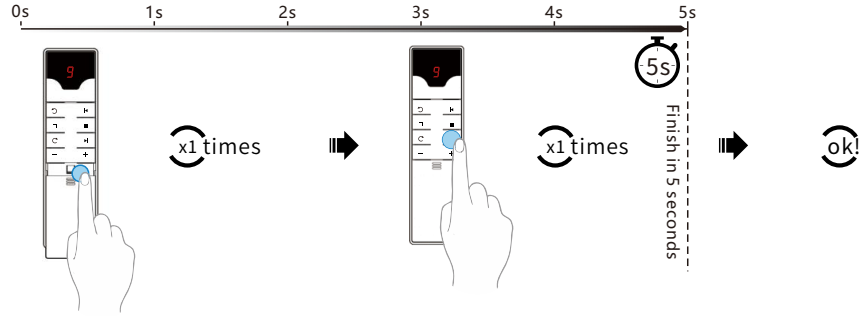


Press the set key once. The screen will show " 1 " .

Within 3 seconds, press the up key once.

The motor is set successfully with a " Di" sound

Lower Limit Setting



Press the set key once. The screen will show " 1 " .

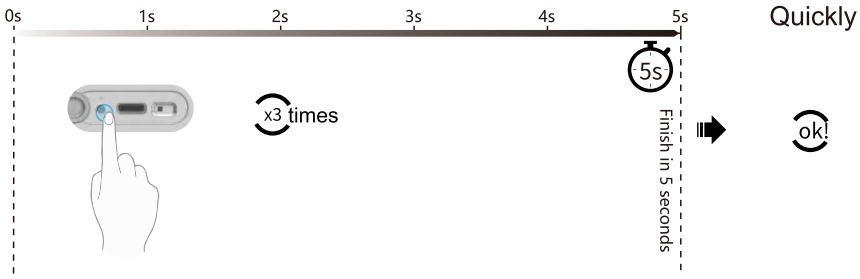
Within 3 seconds, press the down key once.

The motor is set successfully with a " Di" sound

To enter network configuration mode

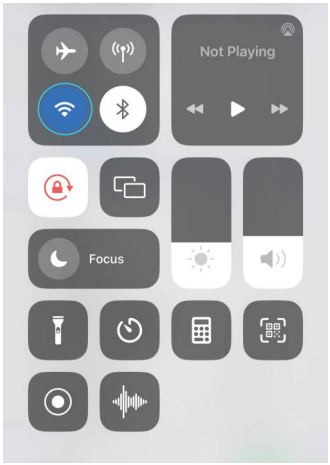
1. Open the Apple Home app

2. Enter network configuration mode

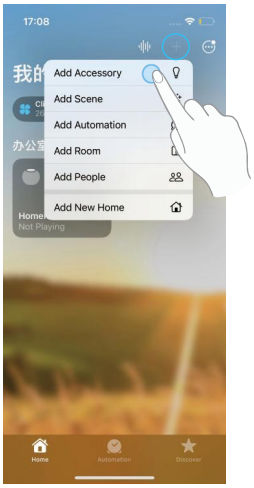


Press the motor's "Set key" 3 times in less than 5 seconds, At last, the motor light flashes out, set successfully

3. Add Accessory



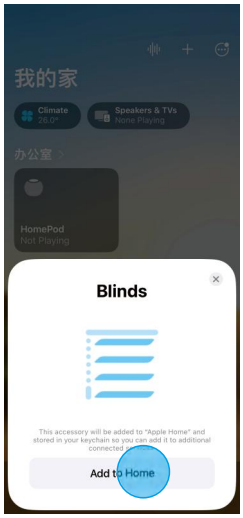
1 Connect to your phone's WiFi (supports only 2.4G)



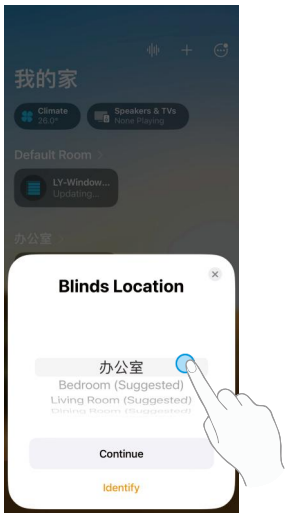
2 Open the app, click the "+" in the upper right corner, and select "Add Device"



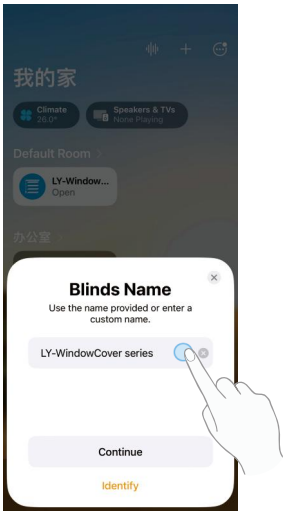
3 Scan the QR code on the motor or enter the code



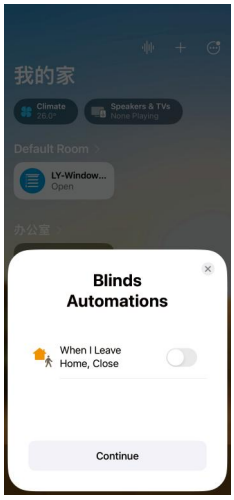
4 Add the blinds to your home



5 Set the Blinds Location and click "Continue"



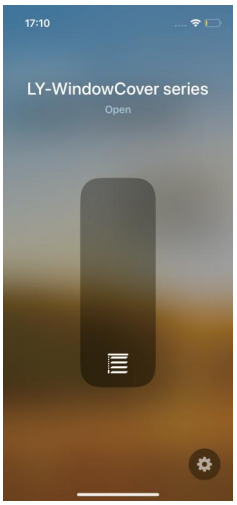
6 Set the Blinds Name and click "Continue"



7 Set up Blinds Automations and click "Continue"



8 Once the device is successfully added, click "Done"



9 Enter the control interface to manage the device

Notice

1. The system should not be used outdoors or in a high-temperature environment, and should avoid direct sunlight.

2. Do not impact or drop any parts; do not disassemble or repair any parts.

3. Do not use volatile chemicals (such as thinners or benzene) ,as they may cause fire or other problems with parts.

4. Each type of motor has the transmission box to correspond with it. Please do not force it during installation.

5. For wiring, please follow the wiring diagram.

6. Do not allow water to splash on the main part of the curtain rail or the main motor, as it may cause problems with parts, leakage, or fire, and may result in electrical shock or injury to the user.