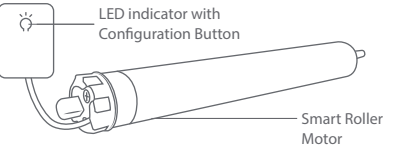


# Introduction

Smart Roller Motor (Model: TERNCY-RM01) is a Zigbee endpoint accessory that requires pairing with a Terncy Home Center for full functionality. It is designed to automate blinds, protecting your property from overexposure to sunlight, preseving your indoor temperature your privacy.



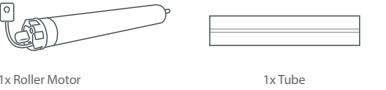
# LED Indicator Status

The LED indicator provides useful information to troubleshoot the smart roller motor when there is an issue with your connection.



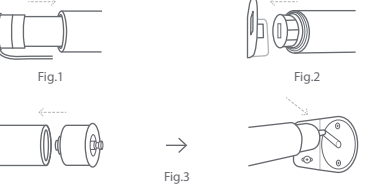
LED Indicator Status	LED flashing rapidly (10 times per second)	Connecting to Home Center
	LED flashing very slowly (1 times every 2 seconds)	Successfully connected to Home Center
	LED flashing slowly (4 times per second)	Failed to connect to Home Center

# Assembly



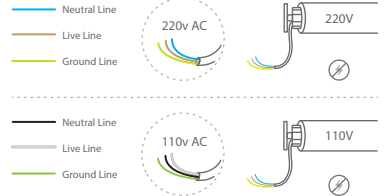
Ensure that all the parts are ready before assembly.

# Assembly



1. Carefully insert the roller motor into the tube. The tube is designed so that the roller motor can be inserted in only one orientation. Check the orientation before applying any pressure.(Fig.1)
2. Secure and install the brackets on the wall. Make sure the distance between the brackets match the length of the tube.
3. Align the motor and clutch bracket on one side, then attach the bracket on the roller motor.(Fig.2)
4. Insert the bracket wheel into the tube. Mount the opposite side of the tube into the idler bracket hen carefully snap them in place.(Fig.3)

# Assembly



**\* Note: Turn off the main power supply before wiring the smart roller motor.**  
Connect the wires from the end of the roller motor to power cable. The wires are color coded for easy installation.

1. For 220v AC motor, connect the blue wire to neutral, brown wire to live and yellow wire to ground.
2. For 110v AC motor, Connect the black wire to neutral, white wire to live and green wire to ground.
3. Identify the supported voltage based on the label attached on the motor.

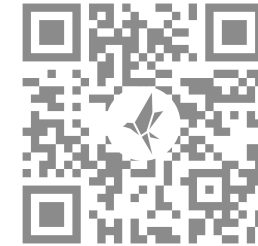
# Reverse Motor Direction



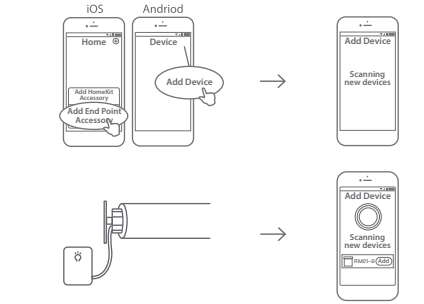
1. Press and hold the button at the end till the motor vibrates.(Fig.4)
2. The motor's rotation direction is reversed.(Fig.5)

# Install Terncy App

Download the Terncy app from Apple App Store, Google Play or scan the QR code below. Follow the instructions within the app to connect the accessory.



# Setting Up Accessory for the First Time



1. Click "Add Device" button in the Device tab of Terncy app.
2. Turn on the power supply for the Smart Roller Motor.
3. The Smart Roller Motor will be discovered in 5 seconds. Click the Add button to start configuring it.



WeChat official account

## Contact Us

Online Support: <https://www.terncy.com/service>

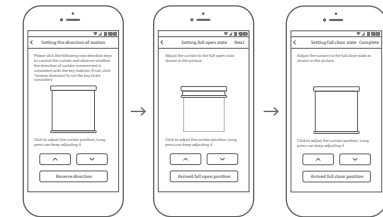
E-mail: [support@terncy.com](mailto:support@terncy.com)

Manufacturer: Shanghai Xiaoyan Technology Co., Ltd.

Address: Room 502, Building E, NO.666, Shengxia

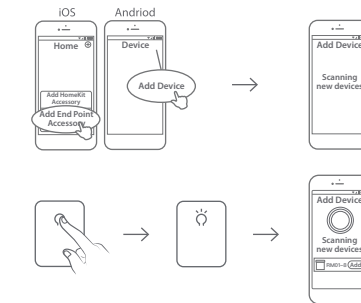
Road, Shanghai, China

## Setting Up Accessory for the First Time



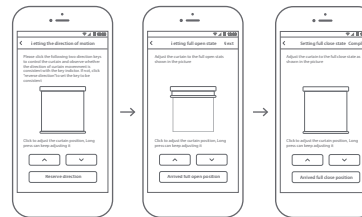
Set the roller motor direction and calibrate the upper and lower limit by following the on-screen instructions.

## Pair Accessory Again



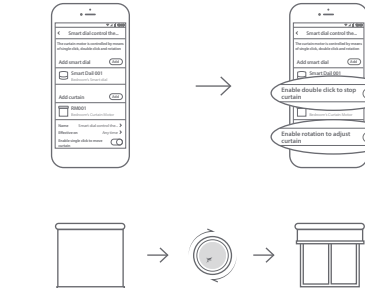
1. Click "Add Device" button in the Device tab of Terncy app.
2. Press and hold the button till the LED starts flashing.
3. The Smart Roller Motor will be discovered in 5 seconds. Click the Add button to start configuring it.

## Pair Accessory Again



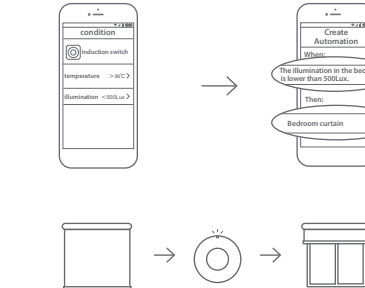
Set the roller motor direction and calibrate the upper and lower limit by following the on-screen instructions.

## Automation scenario 1



Control the blinds with smart dial.

## Automation scenario 2



Automate blinds with light sensor.

## Notes 1

1. Do not soak or wash your devices.
2. Keep products away from fire, high temperatures or any other extreme environment.

## Notes 2

Home Center is required to enable Smart Roller Motor to work with HomeKit technology. See <http://www.terncy.com> for more details.

## Manual of Smart Roller Motor



## **Warranty Card**

### **Xiaoyan's after-sales service includes:**

Xiaoyan Tech Warranty covers any defects in material or workmanship under normal use during the warranty period. If a claim is filed within a period of 15 days from the date of purchase by the consumer, Terncy will replace the defective device with a new replacement, at no charge. If a claim is filed after 15 days and within 365 days from the date of purchase, Terncy will either repair the product at no charge, using new or refurbished replacement parts.

**\* This limited warranty and service may vary from country or region to country or region.**

### **This limited warranty covers:**

- (a) defects in material or workmanship under normal use during the warranty period or damage resulting from the package being mishandled during shipping;
- (b) failure of the buttons or LED indicators;
- (c) failure of the wireless communication equipment.

### **This limited warranty does not cover:**

- (a) claims filed after the warranty period;
- (b) conditions, malfunctions or damage not resulting from defects in materials or workmanship;
- (c) damage caused by willful, reckless or intentional conduct, or any use of the accessory in a manner not normal or intended by Terncy;
- (d) damage to an accessory if the accessory has been opened, modified, serviced or altered by anyone other than an authorized representative of Terncy.