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## MANSNIX M500

# MANSNIX Smart Bridge M500 Instruction Manual

Model: M500 | Brand: MANSNIX

## INTRODUCTION

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The MANSNIX Smart Bridge M500 is an RF USB hub designed to integrate your motorized roller shades with smart home ecosystems. This device enables convenient control of your shades via mobile applications, voice commands through smart assistants like Alexa and Google Home, and custom scene automation.

## SAFETY INFORMATION

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Please read and follow all safety instructions to prevent damage to the device or injury. Keep the device away from water and extreme temperatures. Do not attempt to disassemble or repair the device yourself. Use only the recommended power source.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- MANSNIX Smart Bridge M500 (RF USB Hub)
- Remote Control (for initial pairing and direct control)
- USB Charging Cable (for the remote, if applicable, or for the bridge power)
- Instruction Manual
- Installation Accessories (brackets, screws, if applicable for remote mounting)



MANSNIX Smart Bridge M500, remote control, and compatible smart home devices. The bridge acts as a central hub for controlling motorized shades.

Video: Product Details of Motorized Roller Shades. This video demonstrates the components of the motorized roller shades, including the motor and fabric, which are controlled by the Smart Bridge.

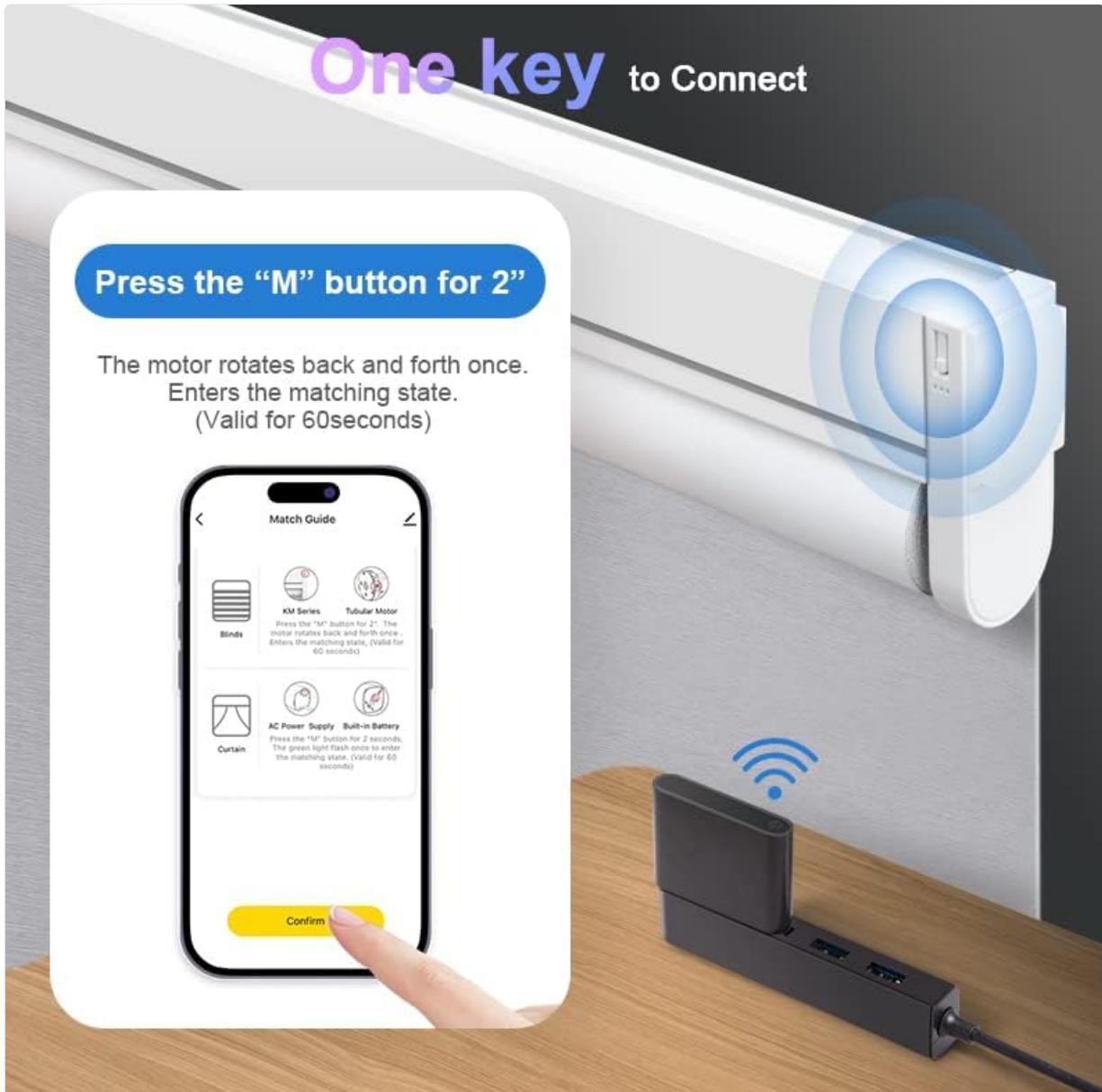
## SPECIFICATIONS

<b>Model Number</b>	M500 (Lux Series)
<b>Brand</b>	MANSNIX
<b>Device Type</b>	Smart Bridge (RF USB Hub)
<b>Connectivity</b>	Wi-Fi, RF (for motorized shades)
<b>Smart Home Compatibility</b>	Alexa, Google Assistant, Tuya App
<b>Control Capacity</b>	Up to 30 blinds/shades
<b>Power Source</b>	USB (Power adapter not included)

## SETUP

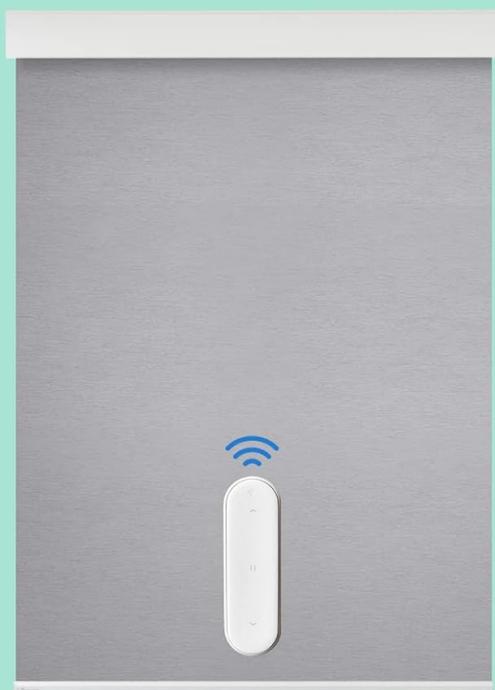
## 1. Physical Installation of the Smart Bridge

The MANSNIX Smart Bridge is a plug-and-play device. Simply connect the USB plug to a suitable power source. This can be a USB power adapter (not included), a power strip with a USB port, or a compatible USB hub.

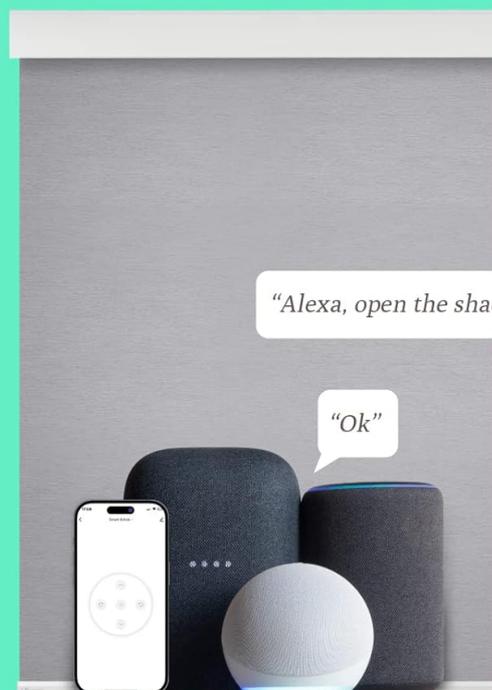


Close-up view of the MANSNIX Smart Bridge M500 USB plug, ready for connection to a power source.

Sell smart bridge separately to  
**save money on blinds**



No smart bridge



With smart bridge

The Smart Bridge M500 connected to a standard USB power adapter, providing power to the device.



The Smart Bridge M500 plugged into a power strip with an integrated USB port for convenient power access.

## 2. App Connection (Tuya App)

To enable mobile and voice control, download the Tuya App to your smartphone. Follow the in-app instructions to add the Smart Bridge. Ensure your phone and the Smart Bridge are connected to the same Wi-Fi network during the setup process.

Video: [How to Connect Window Blinds with Phone and Alexa](#). This video provides a step-by-step guide on connecting your motorized blinds to your smartphone via the app and integrating with Alexa for voice control.

Video: [How to Connect](#). This video illustrates the process of connecting the Smart Bridge to your smart home system, detailing the necessary steps for successful integration.

## 3. Remote Control Pairing

To pair the remote control with your motorized shades, refer to the specific instructions provided with your shades. Typically, this involves pressing a pairing button on the shade motor and then a button on the remote. The Smart Bridge then facilitates communication between the remote/app and the shades.

# DIY Smart Home

- ✓ Easy setup
- ✓ DIY smart scene
- ✓ Usb plug



The remote control for the MANSNIX Smart Bridge M500, used for direct operation and initial pairing of motorized shades.

Video: How to Match & Adjust. This video demonstrates the process of matching and adjusting the settings of your motorized shades using the remote control.

## OPERATING INSTRUCTIONS

### 1. Mobile Control (Tuya App)

Once connected to the Tuya App, you can control your motorized shades from anywhere. The app allows you to:

- Open and close shades individually or in groups.
- Set custom schedules for shades to open or close at specific times (e.g., sunrise/sunset).
- Create smart scenes based on weather, temperature, or other smart home device triggers.

### 2. Voice Control (Alexa & Google Assistant)

After linking your Tuya App account to Alexa or Google Assistant, you can use voice commands to operate your shades. Examples include:

- "Alexa, open the living room shades."
- "Hey Google, close the bedroom blinds."

- "Alexa, set the kitchen shades to 50%."

### 3. Remote Control

The included remote control provides direct, immediate operation of your shades without needing the app or voice commands. Use the dedicated buttons for up, down, and stop functions. The remote can also be used for initial setup and setting limits for the shades.

Video: Motorized Roller Shades Smart Blinds with Remote for Windows. This video showcases the remote control functionality for motorized roller shades, demonstrating smooth and quiet operation.

## MAINTENANCE

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The MANSNIX Smart Bridge M500 requires minimal maintenance. Keep the device clean and free from dust. Ensure it is placed in a location with good Wi-Fi signal strength for optimal performance. If the remote control uses batteries, replace them as needed.

## TROUBLESHOOTING

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### 1. Shades Not Responding

- **Check Power:** Ensure the Smart Bridge is properly plugged into a working USB power source.
- **Wi-Fi Connection:** Verify that your Smart Bridge is connected to your home Wi-Fi network. Check the indicator light on the bridge for status.
- **Remote Battery:** If using the remote, check its battery level and replace if necessary.
- **Shade Power:** Ensure the motorized shades themselves have power (e.g., charged battery or plugged in).
- **Pairing:** Re-attempt the pairing process between the remote/app and the shades if they have become unpaired.

### 2. Voice Commands Not Working

- **App Link:** Confirm that your Tuya App account is correctly linked to your Alexa or Google Assistant account.
- **Device Discovery:** Ask your smart assistant to discover new devices.
- **Command Phrasing:** Use clear and correct voice commands. Refer to the Tuya App or smart assistant app for suggested phrases.

### 3. Limited Range

- **Bridge Placement:** Place the Smart Bridge in a central location within the room or home, ensuring it's within effective range of all shades it controls.
- **Obstructions:** Minimize physical obstructions between the Smart Bridge and the shades.

# One Room , One Hub

with More 30 Window shades

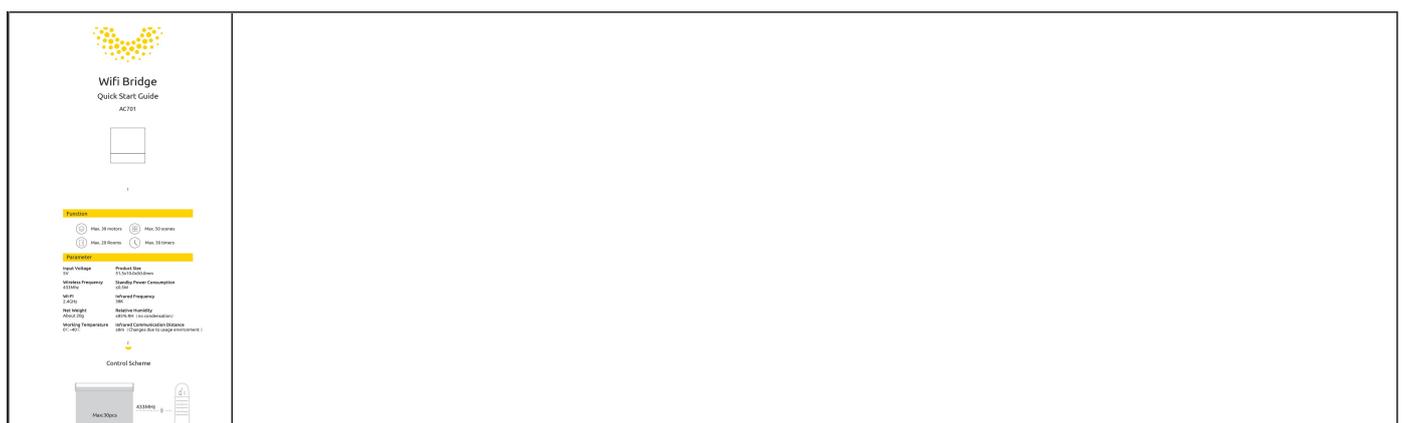


Diagram illustrating the recommended setup of 'One Room, One Hub' to optimize control and minimize signal obstructions for multiple window shades.

## WARRANTY AND SUPPORT

MANSNIX provides customer support for its products. If you encounter any issues not covered in this manual or require further assistance, please contact MANSNIX customer service. Refer to your product packaging or the MANSNIX website for contact information and detailed warranty terms.

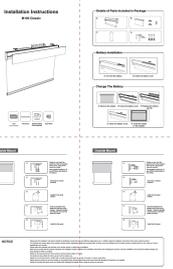
## Related Documents - M500





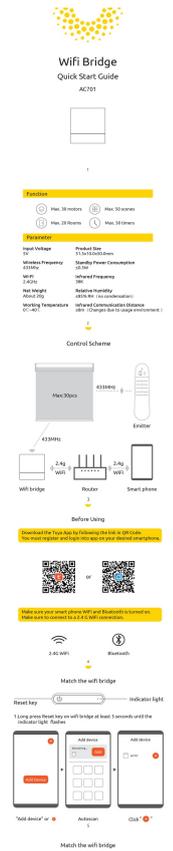
[MANSNIX AC701 Wifi Bridge Quick Start Guide](#)

A concise guide to setting up and using the MANSNIX AC701 Wifi Bridge for smart home automation, including connecting to the Tuya app, Google Assistant, and Alexa.



[M100 Classic Installation Instructions](#)

Step-by-step guide for installing the M100 Classic motorized blinds, covering inside and outside mounting, battery setup, and advanced settings for optimal operation.

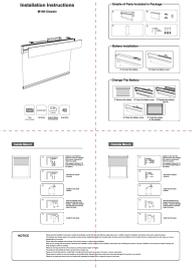




## [MANSNIX AC701 Wifi Bridge Quick Start Guide](#)

A concise guide to setting up and using the MANSNIX AC701 Wifi Bridge for smart home automation, including connecting to the Tuya app, Google Assistant, and Alexa.



	
	<p><a href="#">M100 Classic Installation Instructions</a></p> <p>Step-by-step guide for installing the M100 Classic motorized blinds, covering inside and outside mounting, battery setup, and advanced settings for optimal operation.</p>
	<p><a href="#">70mai M500 Dash Cam User Manual</a></p> <p>User manual for the 70mai M500 Dash Cam, covering product overview, installation, button functions, specifications, app usage, online guide, packing list, precautions, regulatory compliance, and FCC caution.</p>
	<p><a href="#">70mai Dash Cam M500 User Manual</a></p> <p>User manual for the 70mai Dash Cam M500, detailing product overview, installation, button functions, specifications, app download, and precautions.</p>

Documents - MANSNIX – M500



Wifi Bridge  
Quick Start Guide

AC701



1

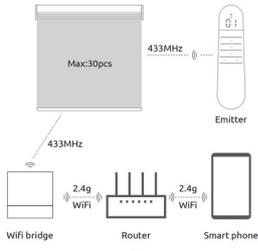
Function

-  Max. 30 motors
  Max. 50 scenes
-  Max. 20 Rooms
  Max. 30 timers

Parameter

Input Voltage 5V	Product Size 51.5x10.9x50.0mm
Wireless Frequency 433Mhz	Standby Power Consumption ≤0.5W
Wi-Fi 2.4GHz	Infrared Frequency 38K
Net Weight About 20g	Relative Humidity ≤85% RH (no condensation)
Working Temperature 0°C-40°C	Infrared Communication Distance ≤8m (Changes due to usage environment)

2



Before Using

Download the Tuya App by following the link in QR Code. You must register and login into app on your desired smartphone.



Make sure your smart phone WiFi and Bluetooth is turned on. Make sure to connect to a 2.4 G WiFi connection.



Match the wifi bridge



1. Long press Reset key on wifi bridge at least 5 seconds until the indicator light flashes



"Add device" or "Autoscan" "Click"

Match the wifi bridge



Click "Next" Connecting Done

Match the Smart Blinds



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Match the Smart Blinds



8

Control Interface



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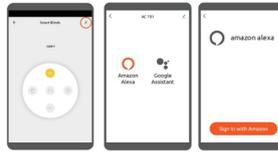
## Connect Google Assistant



Click Link with Google Assistant  
(Multiple devices only need to bind account once)  
"OK Google, open <device name>"  
"OK Google, close <device name>"

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## Connect Alexa



Click Sign In with Amazon  
(Multiple devices only need to bind account once)  
"Alexa, open <device name>"  
"Alexa, close <device name>"

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### FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

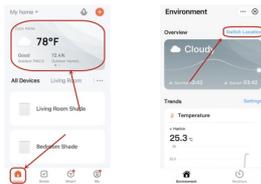
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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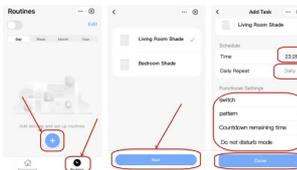
## Find your city



Click "Select Location" select city.  
Find your city on the home page and start mobile positioning.

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## Set cycle



Click "Routines", and then click "+" add device settings cycle event.  
Set events, repetition frequency, and function settings.

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## Set group control on TUYA app



Back to the homepage and click "Scene", and then click "Create Scene".

Click "Launch Tap-to-Run".

Click "I want you to add new devices".

Select the device you want to set up.

Click the blue plus sign to add devices, for example, you want to set the shade you should click "+".

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## Set group control on TUYA app



Finish your setting, click "Done".

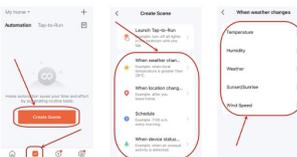
You can change the name for this setting.

Voice commands are "Turn on", "Turn off".

Native Group control can also be set in Alexa. Just create "Group", and the voice commands are "Open" and "Close".

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## DIY scene on TUYA app – weather



Back to "Scene" click "Create Scene".

You can choose "When weather change", "When location change", "When device status change", "When device status change".

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## DIY scene on TUYA app – weather



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A concise guide to setting up and using the MANSNIX AC701 Wifi Bridge for smart home automation, including connecting to the Tuya app, Google Assistant, and Alexa.

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If you choose to control the curtain according to the temperature change, for example choose "Temperature", then you can set the control object and the assigned element power from right to left and then you click "Next" after finished. Like "V", you can add more devices, select the shade you want to control, and then click the control button like "Next" after completing all settings.

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### DIY scene on TUYA app – change of home location



Position change Setting: "When Location change", the mobile phone is required to always open the location for the "Tuya" app mobile phone, compare more power. Then locate the location and range of the home, and change the state of the shade when going out and going home.

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### DIY scene on TUYA app – timing



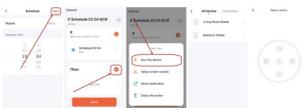
Click "Schedule" to enter the setting operation.

First set the frequency and select "Repeat".

Select the number of days you want to repeat, consider the settings are open click "OK", it will only be executed once by default, and return after completion.

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### DIY scene on TUYA app – timing



After setting the "Time".

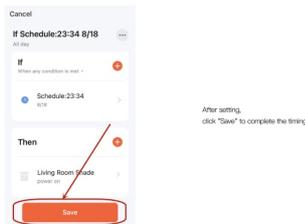
Click "V" to set the scene to be executed. (Action items can be added).

Click "Run this scene".

Select the shade you want to use. Next, select the button you want to use.

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### DIY scene on TUYA app – timing



After setting, click "Save" to complete the setting.

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### DIY scene on graffiti app – when device status changes



Click "V" to set multiple items at the same time.

Select "for the device", then select the target device, and then select the corresponding control button.

Click "Next" to complete all settings.

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