

## MANSNIX M500

# MANSNIX Motorized Blackout Roller Shades Instruction Manual

Model: M500

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, setup, operation, and maintenance of your MANSNIX Motorized Blackout Roller Shades, Model M500. These shades are designed to offer privacy, light control, and energy efficiency through automated operation. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. SAFETY INFORMATION

- Keep packaging materials away from children to prevent suffocation hazards.
- Ensure all mounting hardware is securely fastened to a stable surface to prevent the shades from falling.
- Do not allow children or pets to play with the motorized shades or remote controls.
- Avoid exposing the motor unit to water or excessive humidity.
- Do not attempt to manually force the shades up or down when the motor is engaged.
- Use only the specified battery type for the remote control and motor.
- If any part of the shade is damaged, discontinue use and contact customer support.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Motorized Blackout Roller Shade (with integrated motor)
- Remote Control (15-channel, AC2000-15B)
- Mounting Brackets (for inside or outside mount)
- Screws and Wall Anchors
- Instruction Manual

- Batteries (AA for motor, CR2450 for remote)



Image: MANSNIX Motorized Blackout Roller Shade, remote control, and smart home devices.

## 4. PRODUCT OVERVIEW

### 4.1 Key Features

- **Motorized Operation:** Smooth and quiet motor for effortless control.
- **Blackout Fabric:** Provides complete privacy and blocks light, ideal for bedrooms and media rooms. Features UV protection and thermal insulation.
- **Cordless Design:** Enhances safety for homes with children and pets.
- **Multiple Control Options:** Operate via included remote control, smartphone app (with optional Smart Bridge), or voice commands (with compatible smart home systems like Alexa or Google Assistant).
- **Customizable Schedules:** Program shades to open or close at specific times for convenience and energy saving.

### 4.2 Components



**Standard Bottom Rod**  
Overall Stability

**Fabric Detail**  
100% Blackout

**Top Rail**  
Vogue Style

**Smart Motor**  
Quiet&Easy to Disassemble

Image: Detailed view of the motorized blind components, including the standard bottom rod, 100% blackout fabric, vogue style top rail, and quiet smart motor.

- **Smart Motor:** Integrated within the top rail, operates quietly (less than 35dB) and is powered by AA batteries, providing approximately 4-6 months of use on a 6-hour charge.
- **Fabric:** High-quality polyester jacquard fabric, 100% blackout, water-resistant, and offers UV protection.
- **Top Rail:** Houses the motor and provides a sleek, vogue style finish.
- **Standard Bottom Rod:** Provides weight to prevent excessive swinging and ensures smooth operation.



**Fabric**

The fabric we use is full blackout fabric. The back of the white shade is white, the back of the grey shade is white, and the back of the black shade is black.



**100%** | **3**  
Blackout | Colors

Image: Rolls of blackout fabric in various colors, highlighting the 100% blackout feature.



## Lower rail

The main function of the lower rail is to provide weight, preventing the shade fabric from swinging excessively.



Image: Close-up of the lower rail, illustrating its function in providing stability to the shade fabric.

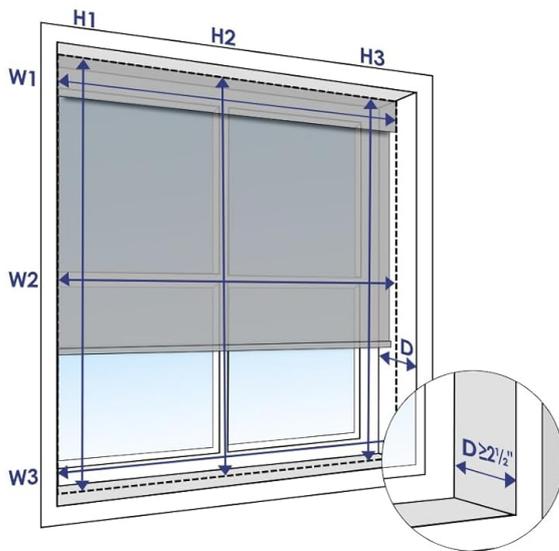
## 5. INSTALLATION

### 5.1 Measurement Guidelines

Accurate measurements are crucial for proper fit and function. Determine whether you will use an inside mount or an outside mount.

## INSIDE MOUNT

Standard product measurement/purchase rules

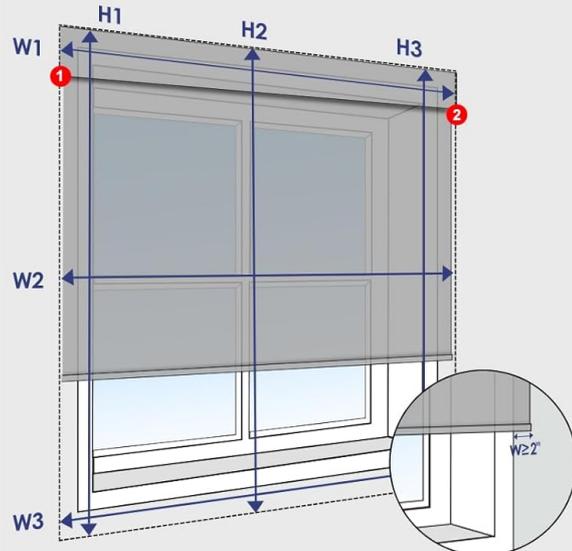


- Order width  $\leq$  Window width -  $\frac{1}{4}$ "
- Order height  $\leq$  72"
- Window depth =  $2\frac{1}{2}$ "

Select minimum width when buying!

## OUTSIDE MOUNT

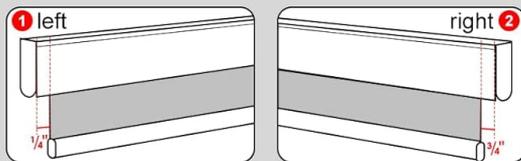
Standard product measurement/purchase rules



- Order width  $\geq$  Window width + 4"
- Order height  $\leq$  72"

### IMPROTANT

Exterior Installation Note: For window frames thicker than  $\frac{5}{8}$ ", extension brackets are required for proper installation.



The top rail will be **1"** wider than the fabric, and the measurement you take is for the top rail. Contact us if you need further assistance with measuring.

Image: Detailed diagrams for measuring windows for both inside and outside mount installations.

### Inside Mount:

- **Order Width:** Window width minus 1/4 inch.
- **Order Height:** Less than or equal to 72 inches.
- **Minimum Install Depth:** 1.8 inches (recommended 2.5 inches).
- Select the minimum window width when purchasing.

### Outside Mount:

- **Order Width:** Window width plus at least 4 inches.
- **Order Height:** Less than or equal to 72 inches.
- For very thin, bay, or almost no-frame windows, consider an outside mount.
- The top rail will be 1 inch wider than the fabric. The measurement you take is for the top rail.

## 5.2 Mounting the Shades

Refer to the installation video for a visual guide. The process generally involves:

1. Mark the positions for the mounting brackets based on your chosen mount type (inside or outside).
2. Drill pilot holes and insert wall anchors if necessary.
3. Secure the mounting brackets with screws.
4. Attach the motorized shade unit to the installed brackets, ensuring it clicks securely into place.

Your browser does not support the video tag.

Video: Installation guide for MANSNIX Motorized Blackout Roller Shades, demonstrating the steps for mounting the shades.

## 6. SETUP

### 6.1 Emitter Quick Matching (Remote Pairing)

To pair the remote control with your shade:

1. On the shade's motor unit, press the "M" button for 2 seconds. The motor will rotate back and forth once, indicating it's in matching mode.
2. On the remote control, select the desired channel.
3. Set the switch on the remote to "admin" mode.
4. Long press the "S" button on the remote for 2 seconds. The motor will rotate back and forth once, confirming successful matching.

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Video: This video demonstrates the emitter quick matching process and how to set the upper and lower limits for your shades.

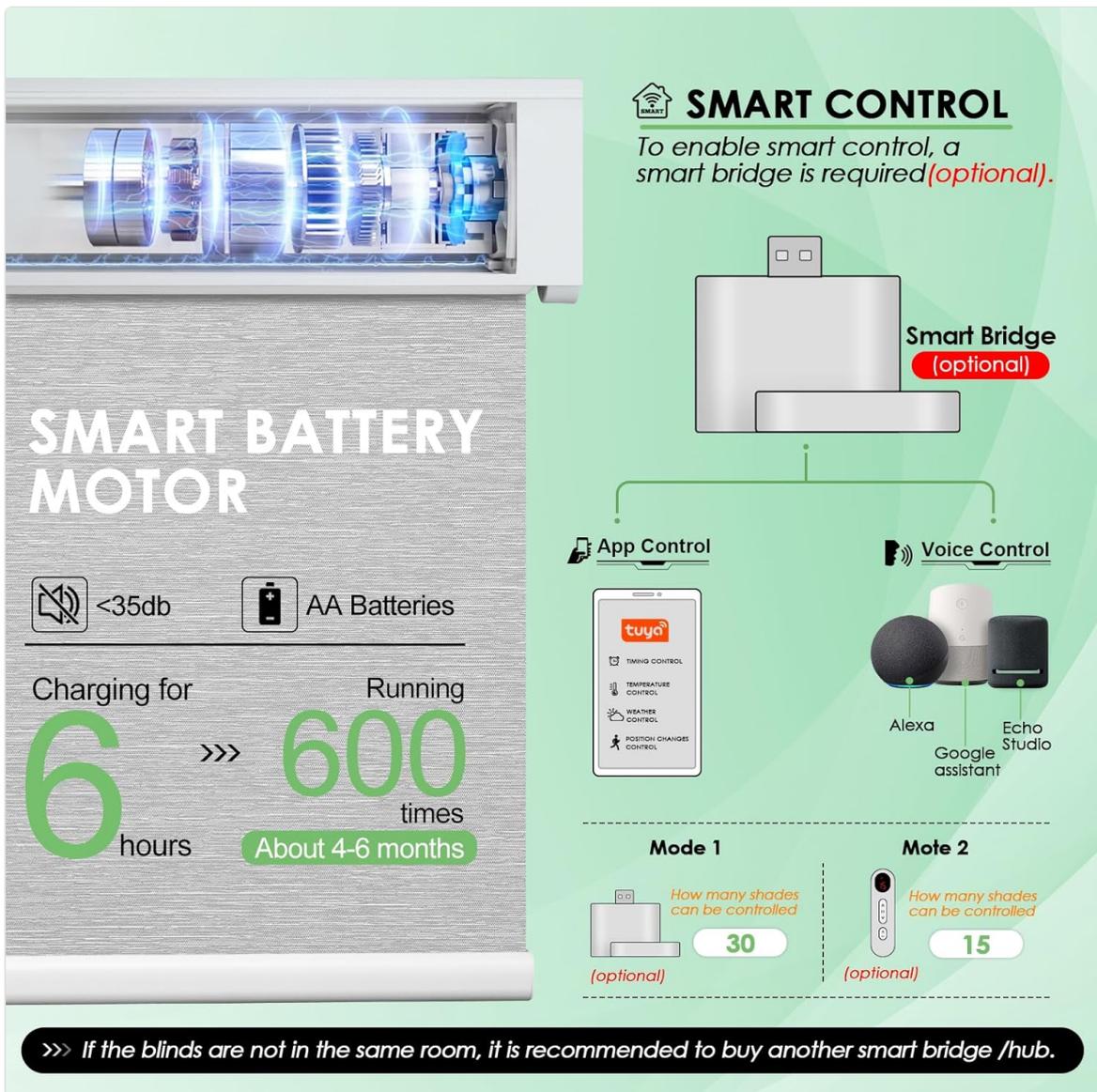
### 6.2 Setting Upper and Lower Limits

After pairing, set the desired upper and lower travel limits for your shades:

1. Use the remote's up/down buttons to move the shade to your desired upper limit.
2. Long press the "S" button on the remote for 2 seconds. The motor will rotate once, confirming the upper limit is set.
3. Repeat the process for the lower limit: move the shade to the desired lower position and long press "S" for 2 seconds.
4. Switch the remote to "user" mode for normal operation.

### 6.3 Smart Bridge and App Control (Optional)

To enable smartphone app control and voice assistant integration, an optional Smart Bridge (B0CY3KMPSV) is required. The Smart Bridge connects to your home's 2.4GHz Wi-Fi network (5GHz Wi-Fi is not supported).



**SMART BATTERY MOTOR**

<35db    AA Batteries

Charging for **6** hours    Running **600** times  
 >>> About 4-6 months

**SMART CONTROL**  
 To enable smart control, a smart bridge is required (optional).

**Smart Bridge (optional)**

**App Control**    **Voice Control**




**Mode 1**    **Mode 2**

 How many shades can be controlled: **30**  
 (optional)

 How many shades can be controlled: **15**  
 (optional)

>>> If the blinds are not in the same room, it is recommended to buy another smart bridge /hub.

Image: Overview of the smart battery motor, smart bridge, and options for app and voice control.

### Connecting the Smart Bridge:

1. Download the Tuya Smart app from your device's app store.
2. Plug in the Smart Bridge.
3. Open the Tuya Smart app, log in, and authorize necessary permissions (Bluetooth, Wi-Fi).
4. In the app, hold down the Smart Bridge button for 5 seconds to enter pairing mode.
5. Follow the in-app instructions to add the device and connect it to your 2.4GHz Wi-Fi network.

### Adding Shades to the App:

1. In the Tuya Smart app, select the Smart Bridge.
2. Click "+ Add" to add a new blind.
3. Before clicking "confirm" in the app, hold down the button on the right side of the shade until it rotates once. Then click "confirm" in the app.
4. If the shade responds, click "Responding, save the remote control" in the app.
5. You can rename each shade and adjust its motor direction (forward/reverse) within the app.

Your browser does not support the video tag.

Video: This video demonstrates the process of connecting your motorized blinds to the Tuya Smart app and integrating with Alexa for voice control and scheduling.

## 6.4 Alexa Integration (Optional)

After successfully connecting your shades to the Tuya Smart app via the Smart Bridge, you can link it with Alexa:

1. In the Tuya Smart app, navigate to the Smart Bridge settings and find the Alexa link entry under "Third-party Control".
2. Follow the prompts to link your Tuya Smart account with your Alexa account.
3. Once linked, your shades will appear in the Alexa app. You can then assign them to groups (e.g., "Bedroom Blinds") and control them with voice commands like "Alexa, open my bedroom blinds!"

## 7. OPERATION

### 7.1 Remote Control

The included 15-channel remote control allows for direct operation of your shades.

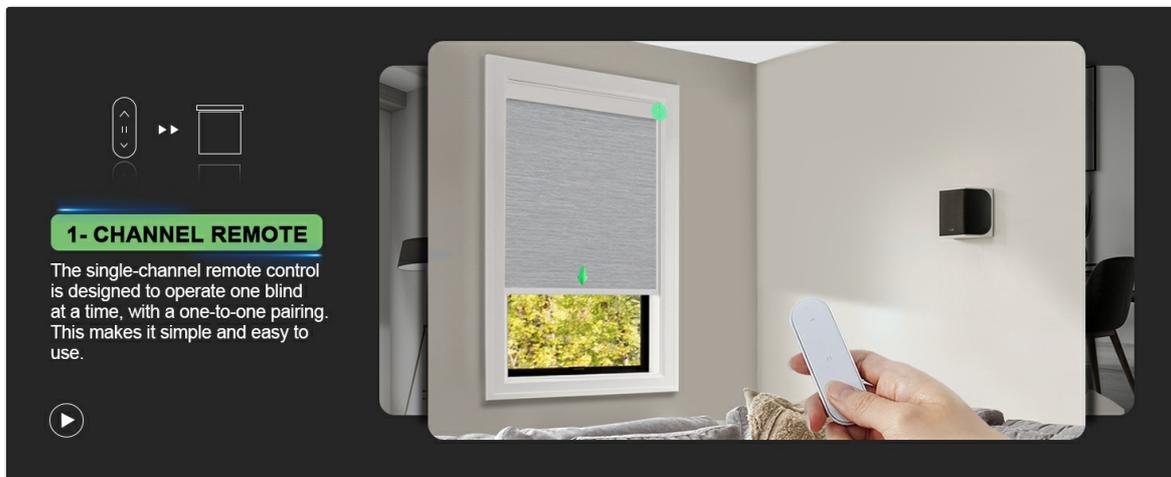


Image: A single-channel remote control operating a motorized blind, illustrating basic up/down/stop functions.

- Use the **Up** arrow to raise the shade.
- Use the **Down** arrow to lower the shade.
- Use the **Stop** button (usually a square or pause icon) to halt the shade at any desired position.
- The remote can control up to 15 individual shades or groups of shades by switching channels.

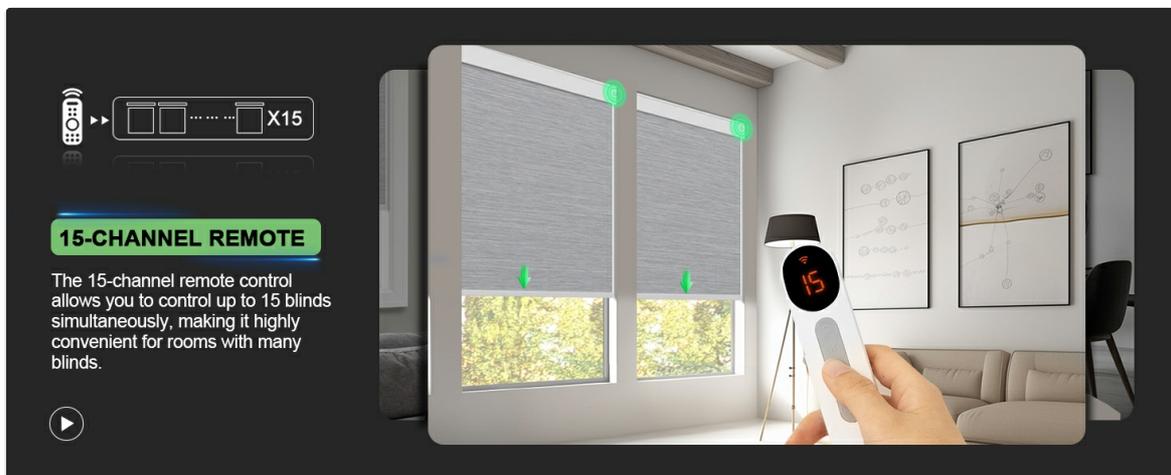


Image: A 15-channel remote control demonstrating simultaneous operation of multiple motorized blinds.

### 7.2 App Control (with Smart Bridge)

With the Tuya Smart app and Smart Bridge, you can control your shades from anywhere.

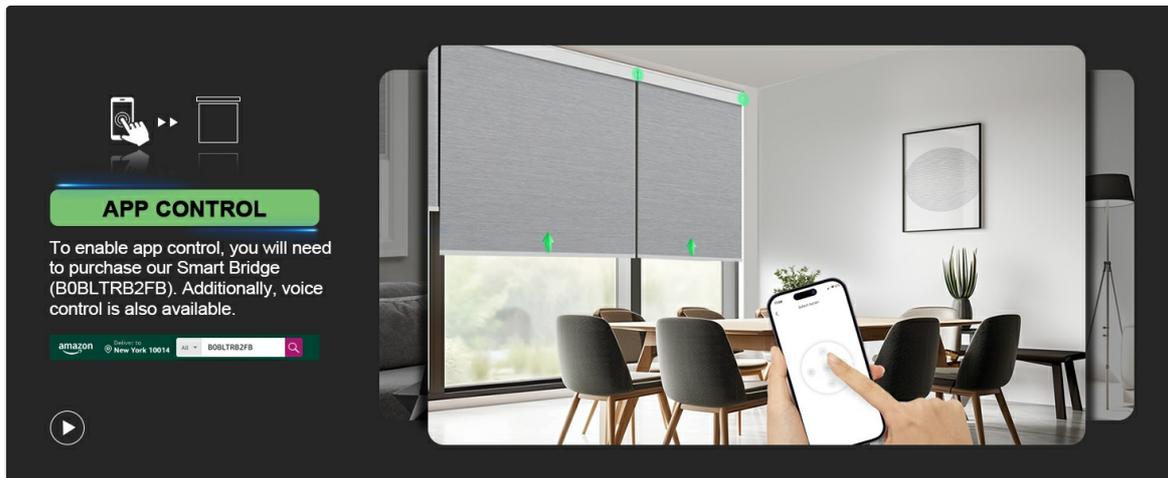


Image: A smartphone displaying the app control interface for motorized blinds, allowing remote operation.

- Open the Tuya Smart app.
- Select the desired shade or group of shades.
- Use the virtual controls to open, close, or stop the shades.
- Set up schedules for automatic operation based on time or sunrise/sunset.

### 7.3 Voice Control (with Smart Bridge and compatible assistant)

Integrate your shades with Alexa or Google Assistant for convenient voice control.

Your browser does not support the video tag.

Video: This video demonstrates the voice control capabilities of the motorized shades, including waking up gently and adjusting shades with voice commands.

- Ensure your Smart Bridge is connected and linked to your voice assistant.
- Use commands such as:
  - "Alexa, open the [Shade Name] blinds."
  - "Hey Google, close the [Shade Name] shades."
  - "Alexa, set [Shade Name] to 50%."

## 8. MAINTENANCE

### 8.1 Cleaning

- Dust the shades regularly with a soft cloth or a vacuum cleaner with a brush attachment.
- For spot cleaning, use a damp cloth with mild soap and water. Blot the area gently and allow it to air dry completely. Do not rub vigorously.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the fabric or motor components.

### 8.2 Battery Replacement

- **Motor Batteries:** The motor is powered by AA batteries. When the shades respond slowly or stop functioning, it's time to replace them. The motor unit is designed for easy disassembly for battery access.
- **Remote Control Battery:** The remote uses a CR2450 coin cell battery. Replace it when the remote's indicator light dims or it becomes unresponsive.

- Ensure correct battery polarity when replacing.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Shade does not respond to remote.	Remote battery is low or dead. Shade motor batteries are low or dead. Remote is not paired.	Replace remote battery (CR2450). Replace motor batteries (AA). Re-pair the remote with the shade (see Section 6.1).
Shade does not stop at desired upper/lower limit.	Limits are not set correctly or have been reset.	Re-set the upper and lower limits (see Section 6.2).
App/Voice control not working.	Smart Bridge is offline. Shades not added to app. Alexa/Google Assistant not linked. Wi-Fi issue.	Check Smart Bridge power and Wi-Fi connection. Ensure shades are added to the Tuya Smart app. Verify Alexa/Google Assistant linking. Ensure 2.4GHz Wi-Fi is stable.
Shade moves unevenly or gets stuck.	Obstruction in the window frame. Fabric is misaligned.	Check for any obstructions. Gently guide the fabric back into alignment. If the issue persists, contact customer support.

## 10. SPECIFICATIONS

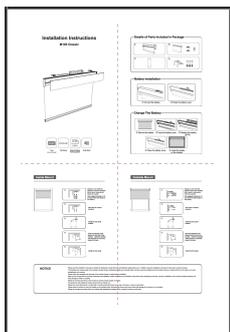
- **Model:** M500
- **Brand:** MANSNIX
- **Material:** Polyester (Jacquard Fabric)
- **Product Dimensions (Current Variant):** 72"L x 33"W
- **Color (Current Variant):** F-grey
- **Opacity:** 100% Blackout
- **Operation Mode:** Automatic (Motorized)
- **Special Features:** Eco-Friendly, Glare Control, Humidity Resistant, Lightweight, Motorized, UV Protection, Thermal Insulated
- **Included Components:** Motorized Shade, Remote Control, Mounting Hardware, Batteries
- **Power Source:** AA Batteries (for motor), CR2450 (for remote)
- **Motor Noise Level:** <35dB
- **Mounting Type:** Inside Mount, Outside Mount
- **Control Type:** Remote, App (via Smart Bridge), Voice (via Smart Bridge)
- **Item Weight:** 4.34 pounds

## 11. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your MANSNIX Motorized Blackout Roller Shades, please contact MANSNIX customer service through the retailer where the product was purchased or visit the official MANSNIX website.

Please have your model number (M500) and purchase details ready when contacting support.

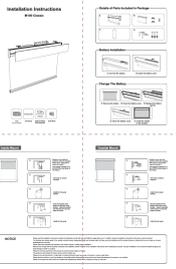
### Related Documents - M500

	<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>
	



## [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.



### Wifi Bridge Quick Start Guide AC701



1

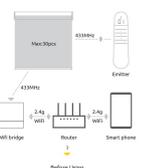
#### Features

- Max. 30 meters
- Max. 30 rooms
- Max. 20 floors
- Max. 30 devices

#### Parameters

Parameter	Product Data
Signal Power	±10dBm
Signal Power Consumption	≤0.5W
RF Power	≤100mW
RF Power Consumption	≤0.5W
RF Power	≤100mW
RF Power Consumption	≤0.5W
RF Power	≤100mW
RF Power Consumption	≤0.5W

#### Control Scheme



Support for 2.4G Wifi (Frequency 2.412-2.484GHz)



Scan the QR code to connect the Wifi Bridge to the Router.



#### Match the Wifi Bridge

Reset key

Indicator light

Long press the reset key on the Wifi Bridge for at least 5 seconds until the indicator light flashes.



Click "Add device"

#### Match the Wifi Bridge



Click "Add device"

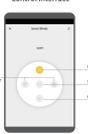
#### Match the Smart Blinds



#### Match the Smart Blinds



#### Control Interface



#### Connect Google Assistant



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

#### Connect Alexa



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[70mai M500 Dash Cam User Manual](#)

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.

[70mai Dash Cam M500 User Manual](#)

User manual for the 70mai Dash Cam M500, detailing product overview, installation, button functions, specifications, app download, and precautions.



Documents - MANSNIX – M500



Wifi Bridge

Quick Start Guide

AC701



1

Function

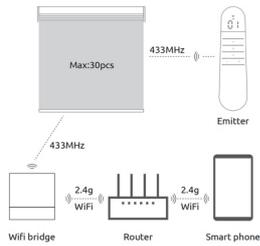
- Max. 30 motors
- Max. 50 scenes
- Max. 20 Rooms
- Max. 30 timers

Parameter

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

2

Control Scheme



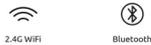
3

Before Using

Download the Toya 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.



4

Match the wifi bridge



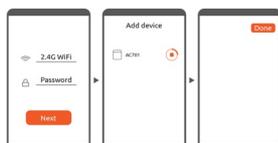
1. Long press Reset key on wifi bridge at least 5 seconds until the Indicator light flashes



"Add device" or Autoscans Click

5

Match the wifi bridge



Click **Next** Connecting Done

### Match the Smart Blinds



7

### Match the Smart Blinds



8

### Control Interface



9

### 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>"

10

### Connect Alexa



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

11

**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.

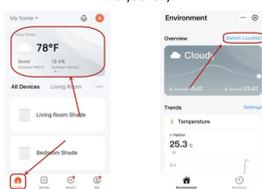
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment 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.

12

### Find your city



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

13

### Set cycle

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Click "v" to set multiple tabs at the same time  
Select "Turn the device off", then select the dialog button, and then select the corresponding control button  
Click "Turn Off" (computer or settings)