

motor MT0001

Quick Start Guide

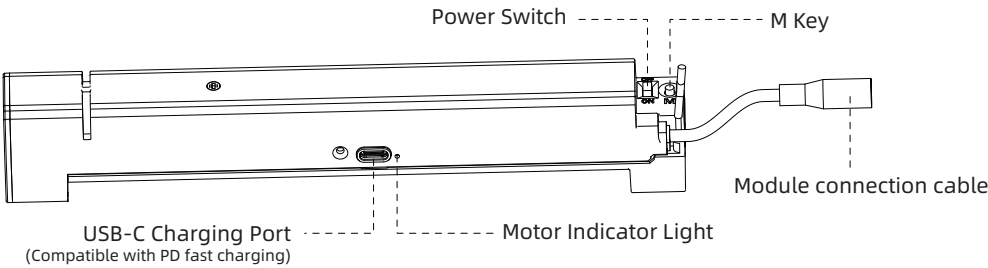
MT0001

Main Parameter	Main Features	Wireless Frequency	The Rated Torque	Output Rotary Speed	Charging Voltage	Battery	Rated Power	Working Temperature
MT0001	Radio Control,Wireless Remote Control, Electronic Limit, Memorized Setting, Stall Protection, Speed Regulation, Third Limiting Site, Built-in Lithium Battery, Wireless Signal Encryption	433MHz ≈	0.4N.m	25Rpm	USB-C 5V/2A	Li-ion 3.6V 2500mAh	4W	0-40℃

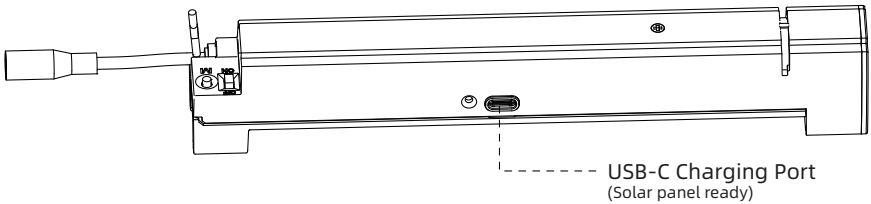
FCC Caution:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes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

Structure Diagram

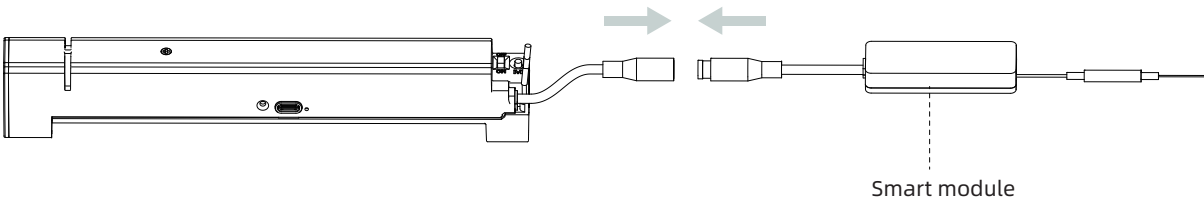


Front

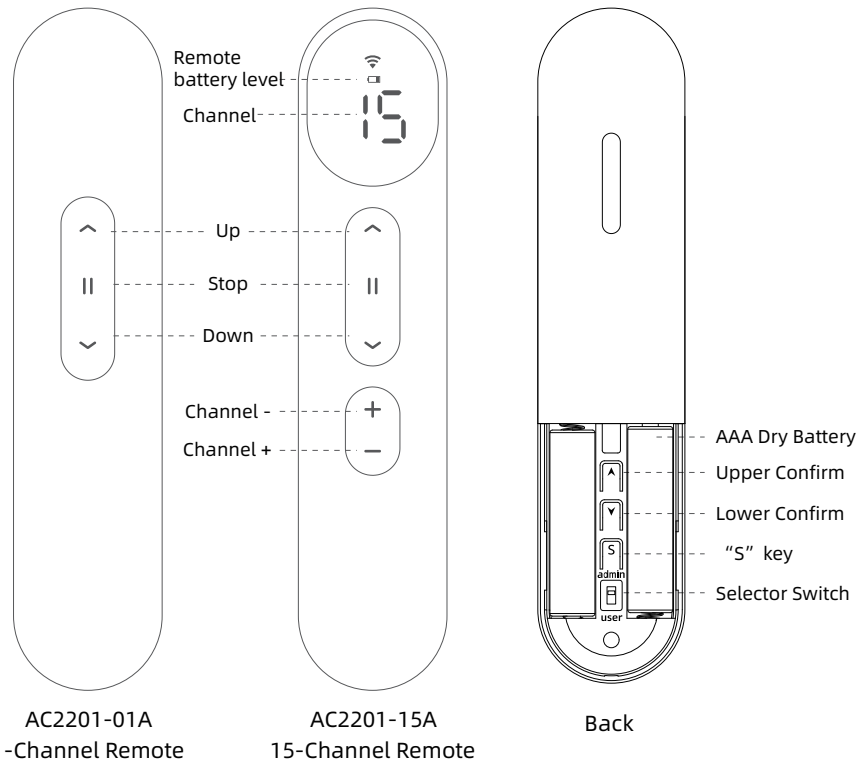


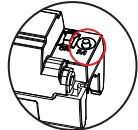
Back

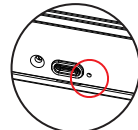
Expandable Smart Control Options



Motor and Remote Description



	Operation	The Motor Feedback	Function
	Repeated Short Press	Motor Rotation The First Times	Emergency Switch
	Press For 2"	Motor Rotation The First Times Green Light Flashing Slowly	The Motor Enters The Matching State
	Press For 5"	Motor Rotation The Second Time Green Light Flashing Rapidly	The Motor Enters The Network Configuration Mode
	Press For 10"	Motor Rotation The Third Time	Motor Reversing
	Press For 15"	Motor Rotation The Fourth Time	Restore The Factory



Indicator Light
Functional Specifications

Indicator Status	Reason
Red Light Flashes	 Low Battery
Charging Red Light On	 In The Charging
Charging Green Light On	 Charging>90%
Yellow Light Flashing or Steady On	Motor overload indication (Valid only when limits unset or in admin mode)
Green Light Flashing Slowly	The Motor Enters The Matching State
Green Light Flashing Rapidly	The Motor Enters The Network Configuration Mode
 Charge it at least every 6 months to make sure it works	



“admin” mode

In “admin” mode, Remote channel shows slow flash, Channel "00" invalid

1. Quick Matching



STEP 1
OFF → ON.



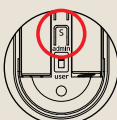
STEP 2
press the motor "M" button for 2"
The motor rotates back and forth once
The motor enters the matching state,
(Valid for 60 seconds)



STEP 3:
① Select the channel you want to match



② The switch selects "admin" mode



③ Long press "S" for 2"
The motor will rotate back and forth once .
Match successfully

2. Setting Limits



Step 1: Set Upper Limits

Use the front button of the transmitter to stop the Shade at the required up travel point press ▲ for 2 seconds , motor rotation once,Upper limit is set.



Step 2: Set Lower Limits

Use the front button of the transmitter to stop the Shade at the desired down travel point press ▼ for 2 seconds , motor rotation once,Lower limit is set.



To “ user” mode. Limits setup successful, normal use

- ① In Admin mode, Shade operation will switch between inching operation and continuous operation, so as to set the stroke more accurately
- ① If you need to modify the route, repeat the above route setting method.

3.Motor Reversing

Hypothesise this operation when the Shade runs in the opposite direction to the transmitter button. Only dual motor reversing at the same time! If only the direction of a pair of Shades is opposited, the direction of winding rope needs to be modulated.

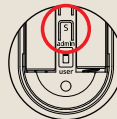


Method 1
Press both togetheruntil the motor rotates once
▲ + ▼



Method 2
Press M key 10" motor rotation the third time

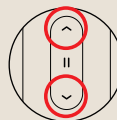
4.Delete Remote matches



“S” Press 5 times, motor rotation once.
Deleting completed

5.Light Modulation Function

If you want to match the venetian blind curtain , You need to increase the independent light modulation function (“ admin” mode)



At the same time, long press for three seconds, the motor rotates forth and back once, the setting is successful.
* Repeated cancellation

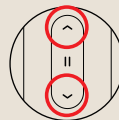


Switch to “user mode” normal use

The used method of light modulation function (“ user” mode)



Switch to “user mode”



Short press to modulate light

Long press 2 seconds, run up and down

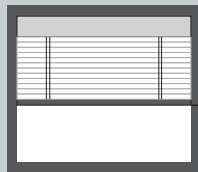


“user” mode

The user can proceed normally, Operation and use, will not be wrong operation of the motor

1. Favorite Point

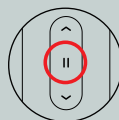
Users need to set a common shading effect, As the chart below shows.This position can be set to the Favorite point



Third Limiting Site



Operate the product to desired preferred position, ▲ + ▼ press both together for 2 seconds, motor rotation once. Set to complete. Repeat , set a new favorite point.



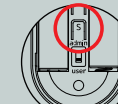
When the Shade stops,long press any stop button on the front of the transmitter for 3 seconds,and run to the third limits point.

2. Add a new Remote Control

Normally, Remote control A controls the motor, Remote control B also needs to control.

Method 1

Press 2 times Press 1 times
A B



Press the S key once, The motor rotates once

Method 2

Remote control B , "Quick matching"

3. Pair The Smart Devices

Method 1

After the remote control is paired, in user mode, press the S button briefly 4 times in succession. On the 1st, 2nd, and 4th presses, the motor rotates once each time. The green light is blinking fast.The motor then enters smart devices pairing mode.

Method 2

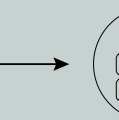
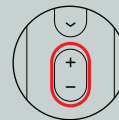
Press and hold the motor's M setting button for 5 seconds. The motor will rotate back and forth twice.The green light is blinking fast.The motor then enters smart devices pairing mode.

4.Remote Lock Channel

One channel of transmitter controls one motor, and 15 channels control up to 15 motors. For example, the 15 channel transmitter only uses 1-5 channels, the remaining 6-15 channels are not used and can be hidden without display

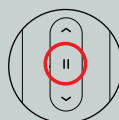
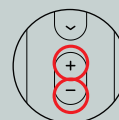
① Remote control access channel selection

Press and hold two channel switch keys at the same time Remote Control display, “L” appears first, then “15” words appear, then release the key



② Use channel switch button Select channels to keep

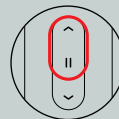
③ Using the Remote Control stop key Confirm the channel to be reserved



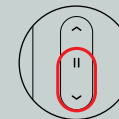
① Reserved channels can only be counted from channel 1. For example, 1-5. No support for 3-7. Repeat the operation to adjust the final required number of channels.

5.Motor Speed Regulation

The running speed of the motor is three gears in total, and the default is gear 1. Slower and quieter.



Both Hold Until the motor jog up one gear



Both Hold Until the motor jog reduced by one gear

Only one gear can be raised or lowered in one operation. When switching to the corresponding gear, the number of motor rotation is the same as that of the gear