

ROLLER SHADES

INSTALLATION INSTRUCTIONS

CHILD SAFE



WARNING STRANGULATION HAZARD

Young children can be strangled by cords. Immediately remove this product if a cord longer than 22 cm or a loop exceeding 44 cm around becomes accessible.

MISE EN GARDE RISQUE D'ÉTRANGLEMENT

Les enfants en bas âge peuvent s'étrangler avec des cordes. Enlevez immédiatement ce produit si une corde mesurant plus de 22 cm devient accessible ou si le contour d'une boucle de plus de 44 cm devient accessible.

Getting Started

A few simple tools are required:

- Measuring tape
- Power drill, drill bits (1/16") and/or screw drivers
- Phillips driver bit
- Pencil
- Level



Additional fasteners other than those sent with your shade may be required depending on the mounting surface. Wallboard and plaster require the use of anchors such as expansion toggle bolts. Brick, tile or stone need special plugs and drill bits. Remember to always pre-drill holes in wood to avoid splitting.

Bracket Installation

Shades are shipped with the required number of brackets for proper installation.

End brackets should be located approximately 3" from either end.

Depending on the width of the shade, additional brackets may be necessary, evenly spaced between the two end brackets.

Using the installation bracket as a template, measure to the edge of the bracket and mark the hole locations with a pencil for drilling.

Brackets must be in line and level. Shim brackets on inside mounts if necessary. The head rail must be level for the shade to operate properly.



Installation Bracket

Shade Width	# of Brackets
Up to 40"	2
40" - 72"	3
72" - 84"	4
84" and up	5



Make Sure Mounting Surface is Level

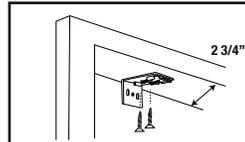
Mounting Options & Instructions

Inside Mount

A minimum of **2 3/4"** is needed to fully recess the shade.

Make sure the brackets are level and aligned.

Attach each bracket using two screws.



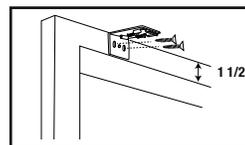
Inside Mount
Minimum 2 3/4" Surface

Outside Mount

The minimum mounting height for outside mounted shades is **1 1/2"**.

Make sure the brackets are level and aligned.

Attach each bracket using two screws.



Outside Mount
Minimum 1 1/2" Surface

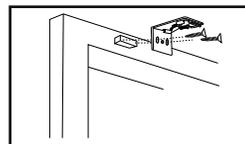
Spacer Blocks (optional)

Each spacer block projects brackets **3/8"** away from mounting surface.

Make sure the brackets are level and aligned.

Attach each bracket using two screws.

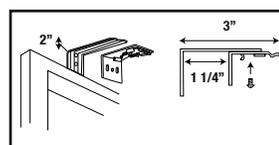
Screws should be long enough to secure the bracket to the mounting surface.



Outside Mount with Spacer Blocks
Additional 3/8" Projection

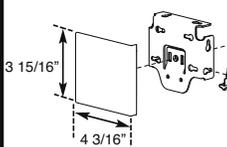
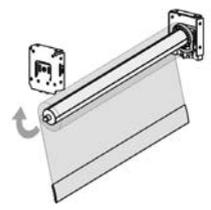
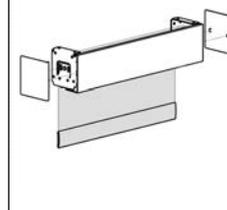
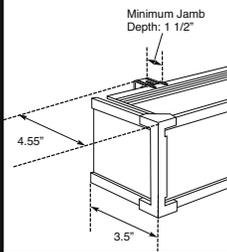
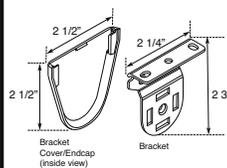
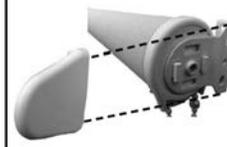
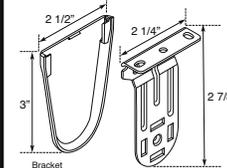
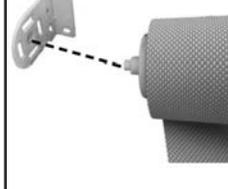
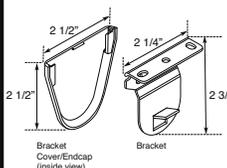
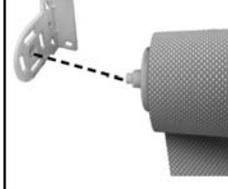
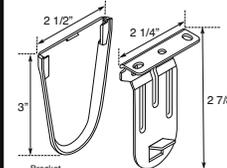
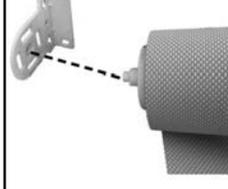
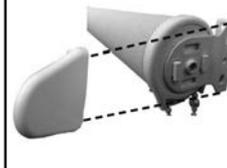
Extension Brackets (optional)

Optional extension brackets are used to project the back of the shade up to **3"** from the mounting surface. Attach the mounting bracket to the extension bracket with the nut and bolt provided.

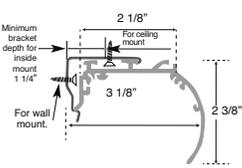
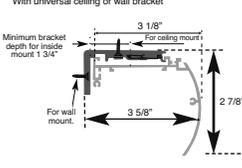
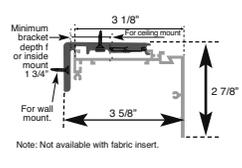
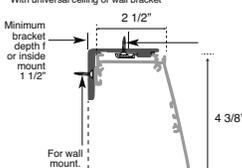
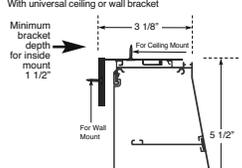


Outside Mount with Extension Brackets
Minimum 2" Surface

Valances & Brackets: Instructions

CASSETTE/FASCIA VALANCE/BRACKET	REQUIRED TOOLS & MATERIALS	MOUNT	INSTRUCTION	REFERENCE	REFERENCE
4" Fascia Valance 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Insert fabric roll/tube between mounting brackets. 2. Secure fabric into designated mounting points. 3. Apply fascia to front of brackets to cover fabric roll/tube. 4. Apply end-cap covers to brackets (if applicable). 		
PVC Valance 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Mount and secure brackets to wall. 2. Press Valance into bracket. 3. Make sure brackets are secured on both left and right side. 			
Roller Shade Open Roll Bracket #1 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Insert fabric roll/tube between mounting brackets. 2. Secure fabric into designated mounting points. 3. Apply end-cap covers to brackets (if applicable). 		
Roller Shade Open Roll Bracket #1 - Extension 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Insert fabric roll/tube between mounting brackets. 2. Secure fabric into designated mounting points. 3. Apply end-cap covers to brackets (if applicable). 		
Roller Shade Open Roll Bracket #2 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Insert fabric roll/tube between mounting brackets. 2. Secure fabric into designated mounting points. 3. Apply end-cap covers to brackets (if applicable). 		
Roller Shade Open Roll Bracket #2 - Extension 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Insert fabric roll/tube between mounting brackets. 2. Secure fabric into designated mounting points. 3. Apply end-cap covers to brackets (if applicable). 		

Choose Cassette/Headrail and Follow Instructions

CASSETTE/FASCIA VALANCE/BRACKET	REQUIRED TOOLS & MATERIALS	MOUNT	INSTRUCTION	REFERENCE	REFERENCE
<p>Small Cassette</p> <p>With universal ceiling or wall bracket</p> 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Click bracket into headrail to lock into position. 2. Make sure brackets are secured on both left and right side. 		
<p>Compact Cassette</p> <p>With universal ceiling or wall bracket</p> 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Click bracket into headrail to lock into position. 2. Make sure brackets are secured on both left and right side. 		
<p>Square Cassette</p> <p>With universal ceiling or wall bracket</p> 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Click bracket into headrail to lock into position. 2. Make sure brackets are secured on both left and right side. 		
<p>Opera-S Cassette</p> <p>With universal ceiling or wall bracket</p> 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Click bracket into headrail to lock into position. 2. Make sure brackets are secured on both left and right side. 		
<p>Opera-M Cassette</p> <p>With universal ceiling or wall bracket</p> 	<ol style="list-style-type: none"> 1. Drill or Screw Driver 2. Installation Screws (provided with product) 3. Installation Bracket (provided with product) 	<ol style="list-style-type: none"> 1. Insert installation screws into open holes/slots. 2. Mount and secure brackets to ceiling or wall. Brackets are universal and can accommodate both mounting methods. 3. Verify brackets are secure on left and right side. 	<ol style="list-style-type: none"> 1. Click bracket into headrail to lock into position. 2. Make sure brackets are secured on both left and right side. 		

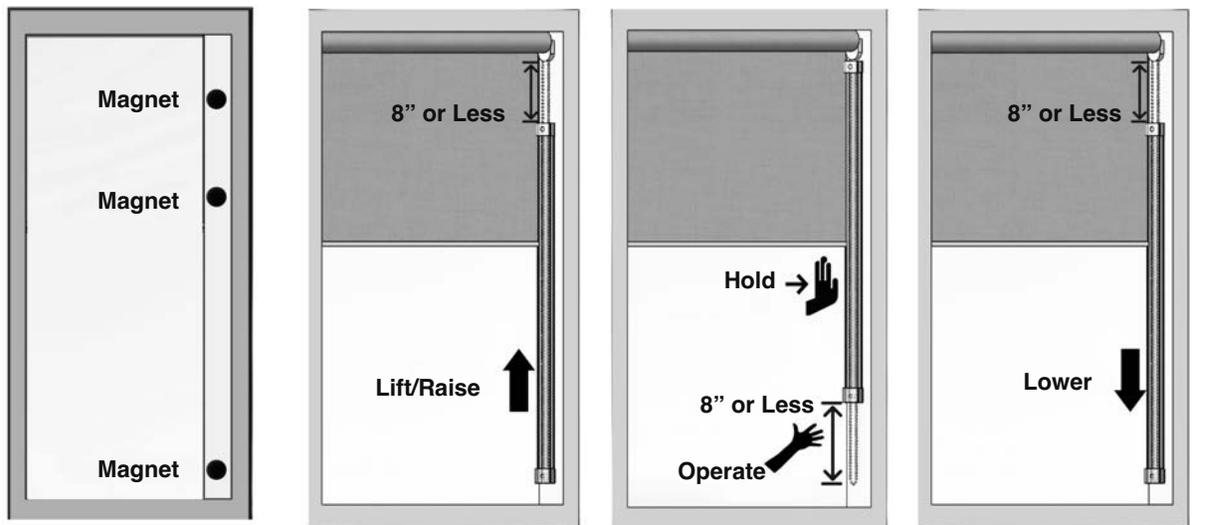
Chain Cover/Shroud

Installation & Operation Instructions

Chain Cover/Shroud - Summary

- Chain Cover/Shroud is placed over the control chain.
- Chain Cover/Shroud is kept in a closed position by gravity.
- Chain Cover/Shroud is manually lifted/raised by hand to expose a small amount of control chain.
- Chain Cover/Shroud must continue to be held in a raised/opened position by hand.
- Small amount of exposed control chain can be used manually to operate (raise/lower) products as required.
- Once released, gravity will automatically close Chain Cover/Shroud once again.

Easy to Install and Operate



1. Optional magnetic tabs/catches/plates included with product can be attached to the window, wall or opening. Suggested but not required.

2. Lift up Chain Cover/Shroud to access control chain and operate.

3. Pull Chain up or down as desired to operate shade.

4. Release once done and Chain Cover/Shroud will return to child-safety position.

NOTE:

All products, operating, or lift systems must comply with following the warning stated below. Chain Cover/Shroud must be used for all applications. A product cannot be considered properly/safely installed unless this installation/operating rule is strictly followed. Please follow the instructions for both "Inside" and "Outside" mounted products. Extension brackets are suggested for outside mounted products.

WARNING STRANGULATION HAZARD

Young children can be strangled by cords. Immediately remove this product if a cord longer than 22 cm or a loop exceeding 44 cm around becomes accessible.

MISE EN GARDE RISQUE D'ÉTRANGLEMENT

Les enfants en bas âge peuvent s'étrangler avec des cordes. Enlevez immédiatement ce produit si une corde mesurant plus de 22 cm devient accessible ou si le contour d'une boucle de plus de 44 cm devient accessible.

Cordless Instructions

Turn the wheel this way to loosen tension in the spring.



Reduce tension by turning the adjusting wheel upwards.

Turn the wheel this way to add tension to the spring.

1. Rotate the limiter clip clockwise until it stops.



2. Remove the limiter clip.



3. Put the limiter clip back in its place in a vertical position.

⚠ WARNING STRANGULATION HAZARD

YOUNG CHILDREN CAN BE STRANGLED BY CORDS. IMMEDIATELY REMOVE THIS PRODUCT IF A CORD LONGER THAN 22 CM OR A LOOP EXCEEDING 44 CM AROUND BECOMES ACCESSIBLE.

⚠ MISE EN GARDE RISQUE D'ÉTRANGLEMENT

LES ENFANTS EN BAS ÂGE PEUVENT S'ÉTRANGLER AVEC DES CORDES. ENLEVEZ IMMÉDIATEMENT CE PRODUIT SI UNE CORDE MESURANT PLUS DE 22 CM DEVIENT ACCESSIBLE OU SI LE CONTOUR D'UNE BOUCLE DE PLUS DE 44 CM DEVIENT ACCESSIBLE.

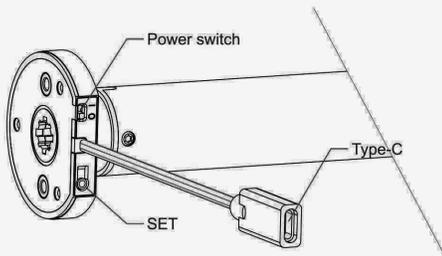
Motorization Instructions

 **WARNING** STRANGULATION HAZARD

YOUNG CHILDREN CAN BE STRANGLERED BY CORDS.
IMMEDIATELY REMOVE THIS PRODUCT IF A CORD
LONGER THAN 22 CM OR A LOOP EXCEEDING
44 CM AROUND BECOMES ACCESSIBLE.

 **MISE EN GARDE** RISQUE D'ÉTRANGLEMENT

LES ENFANTS EN BAS ÂGE PEUVENT S'ÉTRANGLER AVEC DES
CORDES. ENLEVEZ IMMÉDIATEMENT CE PRODUIT SI UNE CORDE
MESURANT PLUS DE 22 CM DEVIENT ACCESSIBLE OU SI LE CONTOUR
D'UNE BOUCLE DE PLUS DE 44 CM DEVIENT ACCESSIBLE.



1. Power ON/OFF

* After switching off power, the motor will not be able to receive remote signals.



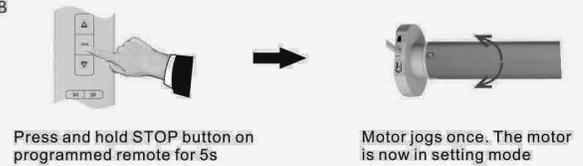
2. Programming Preparation

* If there is no action in 10 seconds, the motor will exit programming automatically.

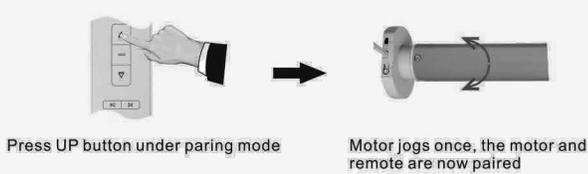
Method A



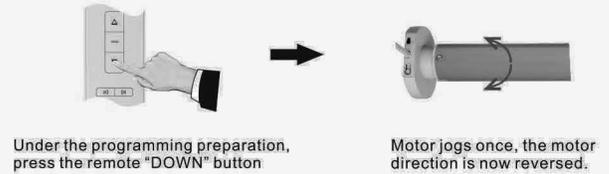
Method B



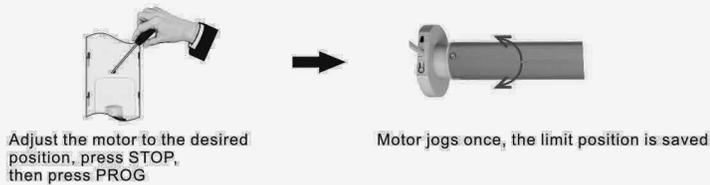
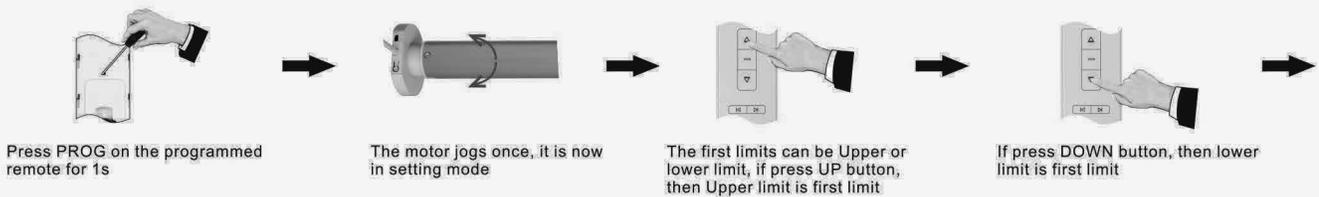
3. Paring remote



4. Change Direction

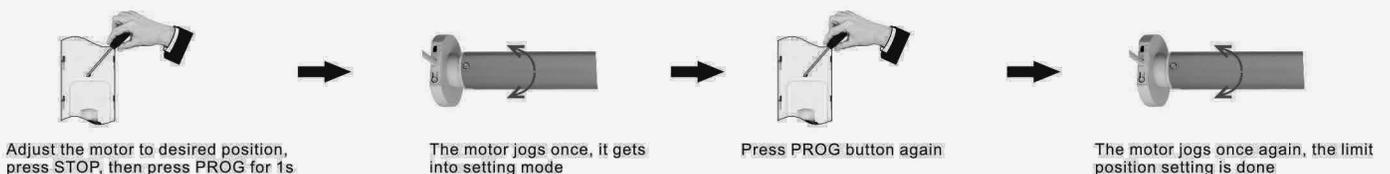


5. First limit position setting

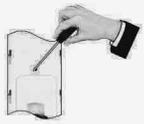


6. Other limit position setting

* If there's no any action within 30's, the motor will exit from limit position preparation automatically



7. Limit position fine-tuning



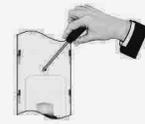
Adjust motor to the limit position, Then press PROG button once



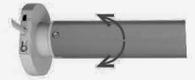
The motor jogs once, it gets into setting mode



Fine-tuning the motor to the desired position



Press PROG button to save settings



The motor jogs once, fine-tuning is done

8. Tilt angle adjustment



Press and hold UP+DOWN buttons for 5s at the same time



Motor jogs, then it gets into adjusting mode



Press and hold STOP button, then press UP button, it gets a greater angle



Press and hold STOP button, then press DOWN button, it gets a smaller angle



Motor jogs then the adjustment is done



Then press and hold STOP button for 2s to save and exit adjusting mode



The motor jogs once, setting is saved

9. Jog movement & Continuous movement switching

10. Delete Programming

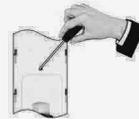
* The default movement of the motor is continuous, can be changed to jog movement or back to continuous movement for blind positioning or during fine tuning mode. If APP control, it is continuous movement.



Under the programming preparation, press the remote "STOP" button



Motor jogs once, the switching is done



Under the programming preparation, press the "PROG" on the back of programmed remote



Motor jogs once, single remote is deleted

11. Delete the limit position



Let the motor run to the limit position which needs to be deleted, press PROG for 7s



The motor jogs once after 1s then goes into setting mode



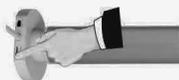
The motor jogs once again after 7s, the preset limit position is now deleted

12. Reset motor * Make sure the interval between every actions less than 1s

Method A



Short press PROG button, release when red light comes on



Short press PROG button again, release when red light comes on



Press and hold PROG for 3s, release until red light flashes twice



Press PROG button and hold until motor jogs twice. The reset is done

Method B



Press STOP of the programmed transmitter for 5s



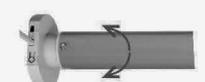
Motor jogs once



Press back PROG for 7s within 10s



Motor jogs once in 1s



Motor jogs two more times in 7s. The reset is done

13.Reset bluetooth

* Make sure the interval between every actions less than 1s

- A. Short press PROG button, release when red light comes on, repeat this action 4 times
- B. Long Press PROG button and hold for 3s until Green light flashes

14.Supplemental Instruction

- a. Max. 6 limit stop positions. (Upper limit/ Lower limit and 4 intermediate limit positions)
 - b. When the first limit position is the up limit position, all other limit positions can only below this position; the same thing, when the first limit position is the down limit position, all other limit positions can only be set above this position. can't be delete
 - c. Every limit position can be fine-turned or deleted separately (the first limit position can only be fine-tuned but can't be deleted separately. It can be deleted when delete all memories)
 - d. Under the jog mode, short press the up or down button, motor jogs once. Press the up or down button for more than 1s, and the engine moves to the limit positions.
 - e. Under the continuous move mode, quickly press the up or down button twice on the transmitter, and the motor will go directly to the up or down limit stop position without stopping at the middle limit position.
 - f. The light is red when charging and will turn to green when fully charged.
 - g. The motor will stop when the voltage is under 6.8V, and start working at 6.9V; motor moves under 7.0V, the red light will flesh(the working voltage)
- Battery shortage alarm:
The red-light flashes when the battery capacity is below 7.0V, yet it is still in continuous move mode.
The motor will step into jog mode when the battery capacity is below 6.8V, which means you must charge the engine.
- h.The charge cable needs to have the data transfer function.
- Motor charging needs to use TYPE-C charging cable with data transmission function.

15.APP instructions



1. A. Scan the QR code, then download and install APP.
B. Search for 'TuyaSmart' or 'A+Home' to download and install the smart App. Please make sure the phone bluetooth is on before operation.
2. On the interface "my home", choose "Add a devise" or click "+" at the up right corner.
3. On the interface, you will find "Devices to be added", choose go to add. For no response, 4 short and 1 long press on motor PROG button to reset.
4. Click "+" on the right corner.
5. Waiting for connecting motor.
6. Click "Done", you finished adding motor successfully.
7. On the surface, you will have "UP, DOWN, STOP" buttons for controlling motor. Click "More" for entering interface of setting.
8. On the interface of setting, for further operations.

Trouble Shooting

Item	Problem	Matter	Shooting
1	The motor doesn't work and no any move.	A. Power is cut off B. Shortage voltage protection C. Incorrect installation leads to motor stucking	A. Switch it on by button B. Start the motor after charging it for 6 hours c. Check and make sure all parts are installed properly
2	The motor stops suddenly during operation.	A. Shortage voltage protection B. Protect the motor when encounter obstacle	A. The motor will resume to work after being charged B. Check if there is something stuck or overloading
3	App can not be connected with Motor.	A. Bluetooth is not open B. Motor is connected by other mobile phones	A. Switch on the bluetooth of mobile phone B. Reset bluetooth and connect again.