



**MOTORIZATION  
INSTRUCTION GUIDE**

**ORIGINAL GENERATION  
MAXX MOTOR**

**Table of Contents**

Safety Guidelines ----- 2  
 Solo A-1----- 3  
 Cool Motion & Domlux----- 5  
 Cool Motion Rechargeable Bluetooth Battery Motor----- 7  
 Cellular Shades----- 9  
 Solar Panel & Window Application Tables & Guidelines----- 11  
 MaxxLink & Home Automation-----12

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**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.

**IMPORTANT**  
**Motorization Cords & Wires**  
**Installation & Usage Guidelines**

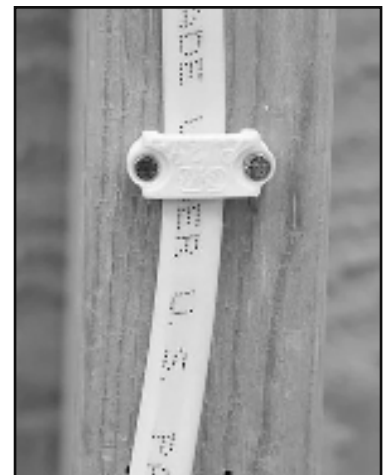
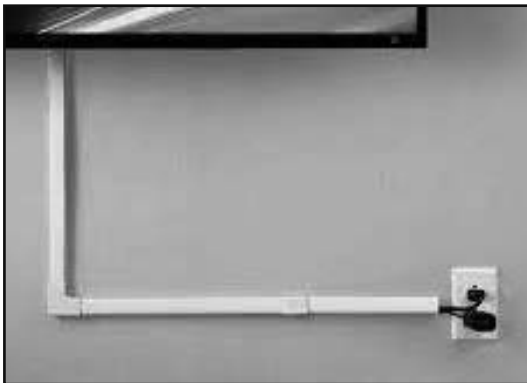
Upon installation of any motorized products, wiring/cords must be covered, stapled or concealed. This installation rule must be followed at all times. All wiring/cords must fall in compliance with the warning stated below. The use of wire covers, raceway, staples or another concealment or securing method must be used. Depending on the application, additional concealment or securing supplies may be required, which can be found at your local hardware store. A product cannot be considered properly installed unless these installation guidelines are followed.

**⚠ 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.



**Maxx Motor Original Solo-A1 (without Bluetooth)  
Rechargeable Wand Control System with Internal Battery Motor**

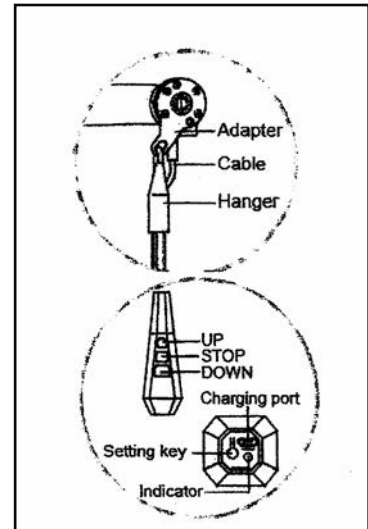
12V DC with Battery Charger

**Motor Unit Assembling**

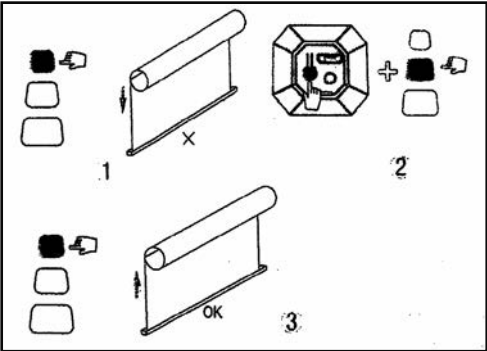
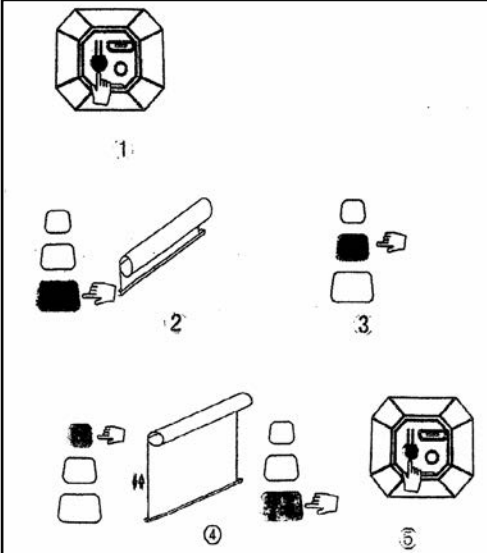
- Hang switch wand hanger with motor adapter
- Connect switch wand cable pin to the motor

**Battery Charging**

- Charging motor battery: use a DC5V plug charger
- Please recharge motor battery when motor alarm sounds off (DI, DI-DI) or motor begins to falter
- Charging time: 7 hours - please take the charger away when charging is complete



**Solo A1: Basic Operation & Troubleshooting**

Command	Item	Key Combination	Description	Illustration
Change Motor Rotation Direction	1	Press <b>UP</b> button	If motor goes up, please do nothing. If motor goes down, please do next step	
	2	Press and hold <b>SETTING</b> button then press <b>STOP</b> button	Release both buttons when motor sounds DI-DI-DI	
	3	Press <b>UP</b> button	Motor goes up, the motor rotation direction has been revised	
Lower Limit Setting	1	Press and hold <b>SETTING</b> button on bottom of wand	Release buttons when motor sounds DI-DI-DI	
	2	Press <b>DOWN</b> button	Motor goes down	
	3	Press <b>STOP</b> button when close to the lower limit position	Motor stops	
	4	Press <b>UP</b> or <b>DOWN</b> button to adjust the finally position		
	5	Press button once at bottom of wand	Motor sounds DI once: lower limit setting has been set	

## Solo A1: Basic Operation and Troubleshooting Continued

Command	Item	Key Combination	Description	Illustration
Upper Limit Setting	6	Press <b>UP</b> button	Motor goes up	
	7	Press <b>STOP</b> button when close to the upper limit position	Motor stops	
	8	Press <b>UP</b> or <b>DOWN</b> button to adjust the final position		
	9	Press button once at bottom of wand	Motor sounds DI once: upper limit setting has been set	
Favourite Position Setting	1	Press <b>UP</b> or <b>DOWN</b> button	Press <b>STOP</b> button when blinds reach your favourite position	
	2	Press and hold <b>SETTING</b> button and then press and hold UP button	Release both buttons when motor sounds DI-DI-DI: the setting has been completed	
	3	Press <b>STOP</b> button to adjust the final position	Motor goes to the favourite position and stops	
Switch Roller/Horizontal Mode		Press <b>SETTINGS</b> button on switch <b>3 times</b> , the working mode has been changed from Roller to Horizontal or from Horizontal to Roller.  <b>Note:</b> The original factory setting is in roller blinds work mode.		
Horizontal Mode		<p><b>Adjust light:</b> press <b>UP</b> or <b>DOWN</b> button less than 2 seconds, motor rotate a certain angle so the blinds moving step by step.</p> <p><b>Normal moving:</b> press and hold the <b>UP</b> or <b>DOWN</b> button for 2 seconds, after which the motor will rotate continuously towards upper or bottom limit end - otherwise press <b>STOP</b> if limit ends not set properly.</p>		
Trouble-shooting		<p><b>If nothing works, please check:</b></p> <ul style="list-style-type: none"> <li>- whether the battery wand and motor are connected properly;</li> <li>- whether the battery is charged - if not, recharge motor through wand</li> </ul> <p><b>If the motor continues to run in one direction, please check:</b></p> <ul style="list-style-type: none"> <li>- the limit setting which may have to be reset again.</li> </ul>		

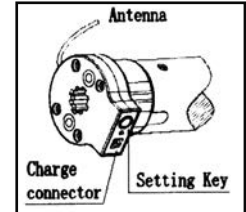
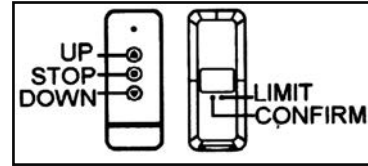
### Specifications

**Motor Load Torque:** 0.7Nm/34rpm, 1.1Nm/25rpm, 2Nm/28rpm

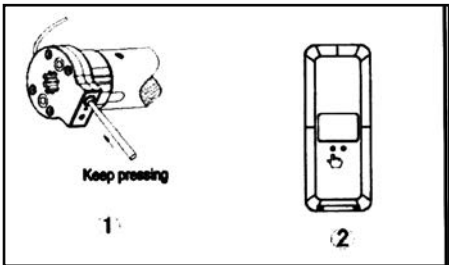
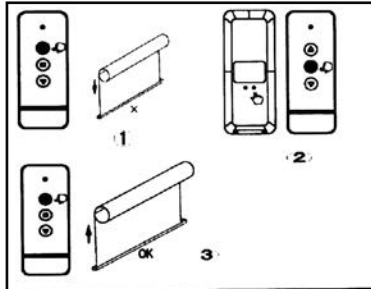
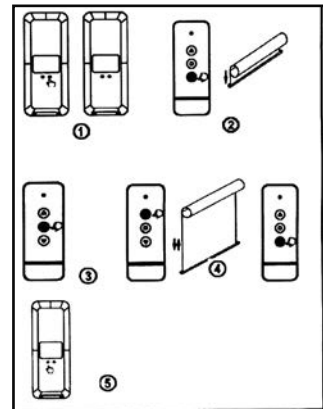
**Battery:** Li-ion Battery, 2000mAH, 7.4V.

**Note:**

- The side of motor head with **SETTING** button should face towards you (towards the outside).
- Motor antenna should be as straight as possible in the position far away from metal objects. Direct contact with metal objects must be avoided, otherwise, the receiving distance will be seriously affected.
- Please charge the battery when motor alarm goes off or when motor begins to falter.



### Domlux & Cool Motion: Basic Operation and Troubleshooting

Command	Item	Key Combination	Description	Illustration
Program the First Transmitter with Motor	<p><b>Note:</b> Please skip this step and go to the next step if the manufacturer has programmed a transmitter with the motor before delivery.</p>			
	1	Press <b>SETTING</b> button on motor head for <b>3 seconds</b>	Release button when motor jogs	
	2	Press the <b>CONFIRM</b> button on transmitter	The blind is in program mode	
Change Motor Rotation Direction	1	Press the <b>UP</b> button	If motor goes up: do nothing more. If motor goes down: proceed to the next step	
	2	Press <b>LIMIT + STOP</b> buttons for <b>3 seconds</b> until the blind jogs	Release both buttons when motor jogs	
	3	Press the <b>UP</b> button	Motor goes up, its rotation direction has been revised	
Setting Lower Limit	<p><b>The whole limit must be finished at one time.</b></p>			
	1	Keep pressing <b>LIMIT</b> button on any programmed transmitter	Release button when motor jogs	
	2	Press the <b>DOWN</b> button on transmitter	Motor runs down	
	3	Press the <b>STOP</b> button when motor running close to the end point of bottom limit	Motor stops	
	4	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust bottom limit accurately	
5	Press the <b>CONFIRM</b> button on transmitter once	Motor jogs up and down. Limit Setting has been set		

## Domlux & Cool Motion: Basic Operation and Troubleshooting Continued

Command	Item	Key Combination	Description	Illustration
Setting Upper Limit	6	Press <b>UP</b> button on transmitter	Motor runs up	
	7	Press <b>STOP</b> button when motor gets close to end-point of upper limit	Motor stops	
	8	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust upper limit accurately	
	9	Press the <b>CONFIRM</b> button on transmitter	Motor jogs up and down. Limit Setting has been set	
Setting Favourite Position	<b>This can only be performed after setting motor limit.</b>			
	1	Press <b>UP</b> or <b>DOWN</b> button	Move blind to desired favourite position	
	2	Press and hold <b>LIMIT</b> button and <b>UP</b> button at same time until motor jogs	Favourite position has now been set	
	3	<b>STOP</b> button now functions as favourite	Motor will run to the favourite position and stops	
Program Transmitter using a Programmed Transmitter	<b>Skip this step and proceed to the next one if the subsidiary transmitter is not needed.</b>			
	1	Keep pressing <b>LIMIT</b> button on the first programmed Transmitter A, then press <b>CONFIRM</b> button	Motor will jog, then release both buttons	
	2	Press <b>CONFIRM</b> button on Transmitter B	Motor will jog again: Transmitter B has been programmed	
Delete all Original Transmitters	1	Keep pressing <b>LIMIT</b> button on Transmitter A, then press <b>DOWN</b> button	Release both buttons once motor jogs: now all transmitters have been deleted except for Transmitter A	
Delete itself from Motor	2	Press <b>CONFIRM</b> button 3 times to jog	This Transmitter has been deleted from the motor	
Charging	<p>The motor works with a Li-ion battery, please charge it when the motor alarm goes off or when the motor begins to falter. Please charge the motor using professional charger CH-8, 4V/1A. Charging time: up to 4 hours or when indicator light turns green. Please disconnect from charger when done.</p>			
FAQ	<p>If nothing works, please check that the battery is fully charged</p> <p>If the motor keeps running in the same direction continually, the setup limit needs to be re-set.</p>			

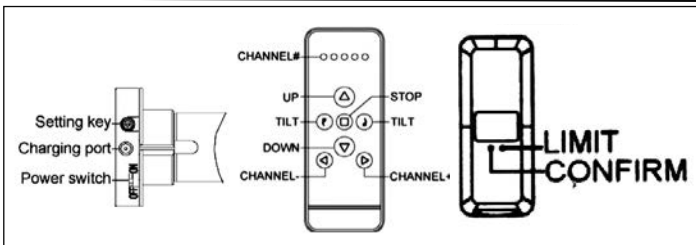
### Specifications

**Motor Load Torque:** 1.1Nm / **Speed:** 28rpm

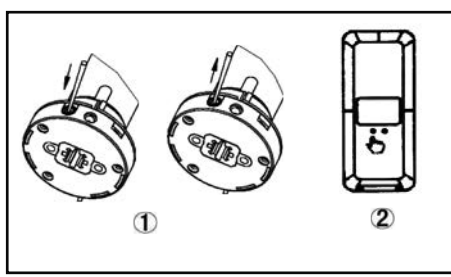
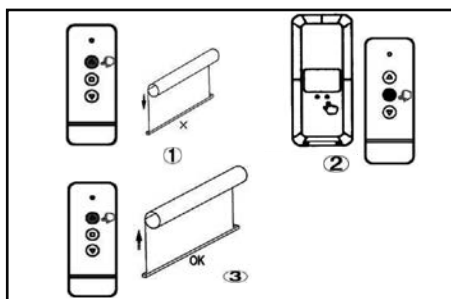
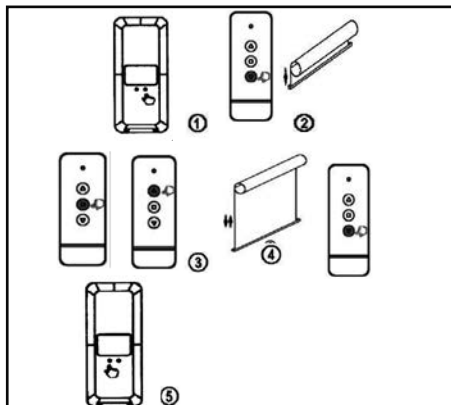
**Battery:** DC7.4V/2000mAH

**Note:**

- The side of motor head with SETTING button should face towards you (towards the outside).
- Motor antenna should be as straight as possible in the position far away from metal objects. Direct contact with metal objects must be avoided, otherwise, the receiving distance will be seriously affected.
- Please charge the battery when motor alarm goes off or when motor begins to falter.
- Please change switch from OFF to ON, after which, the motor will begin to work after one beep.



### Cool Motion Rechargeable Bluetooth Battery Motor: Basic Operation & Troubleshooting

Command	Item	Key Combination	Description	Illustration
Program the First Transmitter with Motor	<p><b>Note:</b> Please skip this step and go to the next step if the manufacturer has programmed a transmitter with the motor before delivery.</p>			
	1	Press <b>SETTING</b> button on motor head for <b>3 seconds</b>	Release button when motor jogs and beeps	
	2	Press the <b>CONFIRM</b> button on transmitter	The blind is in program mode	
Change Motor Rotation Direction	1	Press the <b>UP</b> button	If motor goes up: do nothing more. If motor goes down: proceed to the next step	
	2	Press <b>LIMIT + STOP</b> buttons for <b>3 seconds</b> until the blind jogs	Release both buttons when motor jogs and beeps	
	3	Press the <b>UP</b> button	Motor goes up, its rotation direction has been revised	
Setting Lower Limit	<p><b>The whole limit must be finished at one time.</b></p>			
	1	Keep pressing <b>LIMIT</b> button on any programmed transmitter	Release button when motor jogs and beeps	
	2	Press the <b>DOWN</b> button on transmitter	Motor runs down	
	3	Press the <b>STOP</b> button when motor is close to the end point of bottom limit	Motor stops	
	4	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust bottom limit accurately	
	5	Press the <b>CONFIRM</b> button on transmitter	Motor jogs up and down. Limit Setting has been set	

# Cool Motion Rechargeable Bluetooth Battery Motor: Basic Operation & Troubleshooting Continued

Command	Item	Key Combination	Description	Illustration
Setting Upper Limit	6	Press <b>UP</b> button on transmitter	Motor runs up	
	7	Press <b>STOP</b> button when motor gets close to end-point of upper limit	Motor stops	
	8	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust upper limit accurately	
	9	Press the <b>CONFIRM</b> button on transmitter	Motor jogs up and down. Limit Setting has been set	
Setting Favourite Position	<b>This can only be performed after setting motor limit.</b>			
	1	Press <b>UP</b> or <b>DOWN</b> button	Move blind to desired favourite position	
	2	Press and hold <b>LIMIT</b> button and <b>UP</b> button at same time until motor jogs	Favourite position has now been set	
	3	<b>STOP</b> button now functions as favourite	Motor will run to the favourite position and stops	
<b>Skip this step and proceed to the next one if the subsidiary transmitter is not needed.</b>				
Program Transmitter using a Programmed Transmitter	1	Keep pressing <b>LIMIT</b> button on the first programmed Transmitter A, then press <b>CONFIRM</b> button	Motor will jog, then release both buttons	
	2	Press <b>CONFIRM</b> button on Transmitter B	Motor will jog again: Transmitter B has been programmed	
Delete all Original Transmitters	1	Keep pressing <b>LIMIT</b> button on Transmitter A, then press <b>DOWN</b> button	Release both buttons once motor jogs: now all transmitters have been deleted except for Transmitter A	
Delete itself from Motor	2	Press <b>CONFIRM</b> button 3 times to jog	This Transmitter has been deleted from the motor	
Bluetooth Operation	1	Download APP from Apple Store or Google Play and use key words <b>3L SMART BLIND</b> . New users need to register a new account and follow step 2 below. Subsequent users can share the same account: App settings via "Sync with existing account" - see menu under <b>SETTINGS</b> .		
	2	Press <b>SETTING</b> button on motor 3 times - when motor beeps, the motor is reset and in discoverable mode. Please follow all of the APP's instructions to continue program or operations.		
Charging	<b>The motor works with a Li-ion battery, please charge it when the motor alarm goes off or when the motor begins to falter. Please charge the motor using professional charger CH-8, 4V/1A. Charging time: up to 4 hours or when indicator light turns green. Please disconnect from charger when done.</b>			
FAQ	<p><b>If nothing works, please check:</b></p> <ul style="list-style-type: none"> <li>• whether power switch on motor is switched to ON.</li> <li>• whether Bluetooth has been reset to discoverable mode.</li> <li>• whether Cellphone Bluetooth is on and enabling access.</li> <li>• If the motor keeps running in the same direction continually, the setup limit needs to be re-set.</li> </ul>			



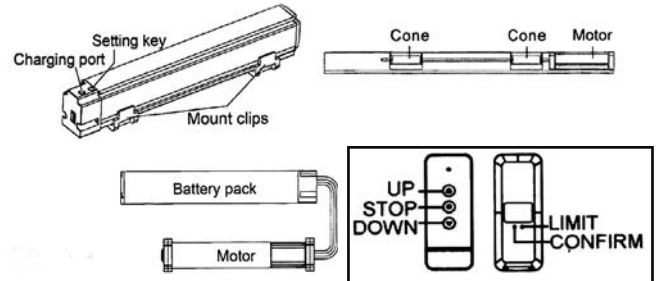
### Specifications

**Motor Load Torque:** 0.7Nm/34rpm, 1.1Nm/25rpm, 2Nm/28rpm

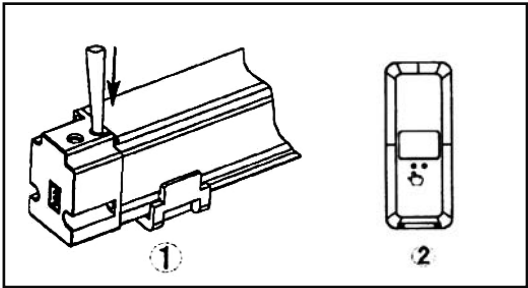
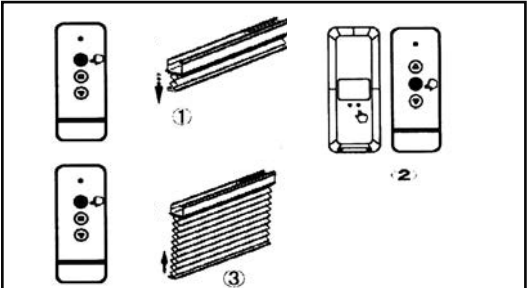
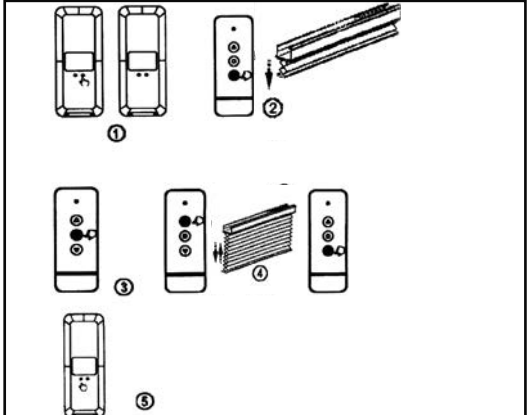
**Battery:** Li-ion Battery, 2000mAH, 7.4V.

**Note:**

- The side of motor head with **SETTING** button should face towards you (towards the outside).
- Motor antenna should be as straight as possible in the position far away from metal objects. Direct contact with metal objects must be avoided, otherwise, the receiving distance will be seriously affected.
- Please charge the battery when motor alarm goes off or when motor begins to falter.



### Cellular Shades: Basic Operation & Troubleshooting

Command	Item	Key Combination	Description	Illustration
Program the First Transmitter with Motor	<p><b>Note:</b> Please skip this step and go to the next step if the manufacturer has programmed a transmitter with the motor before delivery.</p>			
	1	Press <b>SETTING</b> button on battery pack for <b>3 seconds</b>	Release button when motor jogs	
	2	Press the <b>CONFIRM</b> button on transmitter	The blind is in program mode	
Change Motor Rotation Direction	1	Press the <b>UP</b> button	If motor goes up: do nothing more. If motor goes down: proceed to the next step	
	2	Press <b>LIMIT + STOP</b> buttons for <b>3 seconds</b> until the blind jogs	Release both buttons when motor jogs	
	3	Press the <b>UP</b> button	Motor goes up, its rotation direction has been revised	
Setting Lower Limit	<p><b>The whole limit must be finished at one time.</b></p>			
	1	Keep pressing <b>LIMIT</b> button on any programmed transmitter	Release button when motor jogs	
	2	Press the <b>DOWN</b> button on transmitter	Motor runs down	
	3	Press the <b>STOP</b> button when motor running close to the end point of bottom limit	Motor stops	
	4	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust bottom limit accurately	
5	Press the <b>CONFIRM</b> button on transmitter	Motor jogs up and down. Limit Setting has been set		

## Cellular Shades: Basic Operation & Troubleshooting Continued

Command	Item	Key Combination	Description	Illustration
Setting Upper Limit	6	Press <b>UP</b> button on transmitter	Motor runs up	
	7	Press <b>STOP</b> button when motor gets close to end-point of upper limit	Motor stops	
	8	Press either <b>UP</b> or <b>DOWN</b> button	Motor runs step by step to adjust upper limit accurately	
	9	Press the <b>CONFIRM</b> button on transmitter	Motor jogs up and down. Limit Setting has been set	
Setting Favourite Position	<b>This can only be performed after setting motor limit.</b>			
	1	Press <b>UP</b> or <b>DOWN</b> button	Move blind to desired favourite position	
	2	Press and hold <b>LIMIT</b> button and <b>UP</b> button at same time until motor jogs	Favourite position has now been set	
	3	<b>STOP</b> button now functions as favourite	Motor will run to the favourite position and stops	
Program Transmitter using a Programmed Transmitter	<b>Skip this step and proceed to the next one if the subsidiary transmitter is not needed.</b>			
	1	Keep pressing <b>LIMIT</b> button on the first programmed Transmitter A, then press <b>CONFIRM</b> button	Motor will jog, then release both buttons	
	2	Press <b>CONFIRM</b> button on Transmitter B	Motor will jog again: Transmitter B has been programmed	
Delete all Original Transmitters	1	Keep pressing <b>LIMIT</b> button on Transmitter A, then press <b>CONFIRM</b> button	Release both buttons once motor jogs: now all transmitters have been deleted except for Transmitter A	
Delete itself from Motor	2	Press <b>CONFIRM</b> button 1 time to jog	This Transmitter has been deleted from the motor	
Charging	<p>The motor works with a Li-ion battery, please charge it when the motor alarm goes off or when the motor begins to falter. Please charge the motor using professional charger CH-8, 4V/1A.</p> <p>Charging time: up to 4 hours or when indicator light turns green. Please disconnect from charger when done.</p>			
FAQ	<p>If nothing works, please check that the battery is fully charged</p> <p>If the motor keeps running in the same direction continually, the setup limit needs to be re-set.</p>			

## Solar Panel

### Normal Operation

After commissioning, the battery is trickle-charged by electrical energy generated by the solar panel. The energy is stored in the high capacity NiMH battery (acting like a reservoir) and the system provides uninterrupted service through many climatic seasons. It is normal for the battery to gain more energy summer as compared to winter- the Solar Panel converts the intensity of light to energy upon availability.

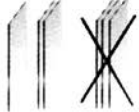
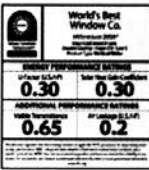

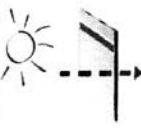



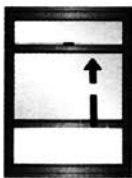

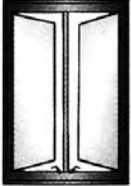
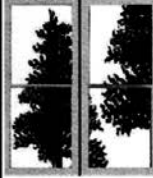
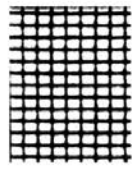
### Caution - Excessive Energy Use

If daily motor activations exceed recommended cycles per day as stated in the Solar Pack Performance Chart, the solar panel will not be able to "replenish" the battery as designed. If the motorized shade does not operate due to an excessively diminished battery, the battery may require a full recharge.

### Note

**10,000 Lux** are required to trickle charge the motor. Solar Panels should not be used on north facing windows nor in areas where you do not have at least **6 hours** of direct sunlight per day.

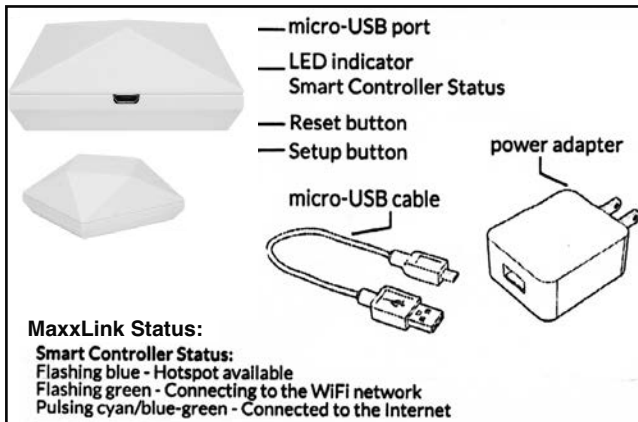
## Window Application Tables and Guidelines

<b>Window Type</b>					<b>Avoid</b>		
	SINGLE OR DOUBLE PANE OK	LIGHT TRANSMISSION 65% OR GREATER	WINDOW TINTING	INSIDE WINDOW ONLY		AWNINGS OR DEEP ROOF EAVES	WINDOW DIVIDERS OVERLAPPING SOLAR PANEL
<b>Moving Window</b>					<b>Avoid</b>		
	FIXED WINDOW	DOUBLE HUNG	SLIDING	CASEMENT		VEGETATION BLOCKING LIGHT	BUG SCREENS
Concern	Clean Install	Caution: Avoid Panel Collision	Caution: Avoid Panel Collision	Caution: Panel Movement Will tug or tear Harness	<b>Note:</b> No Film or Tint on the Window		
Suggestions		Limit Screw in track	Limit Screw in Track	Cable tie near corner			



## MaxxLink

Control your blinds from anywhere using your phone or tablet. Voice commands are available if Integrated with **Amazon Alexa or Google Home (Google Assistant)**.



## System requirements

- A strong WiFi signal (3 bars or more) in the location where you will setup your Smart Controller.
- The MaxxLink only supports 2.4GHz WiFi(IEEE 802 11b/g/n), not 5GHz.WiFi security needs to be set to WPA-PSK or WPA2-PSK.
- A smartphone or tablet running Android 5.0 (Lollipop) or higher, or IOS 8 or higher is needed.

**Original Maxx Motor Code for MaxxLink: M6707**

## Getting to know your MaxxLink

### 1. Download the Neo Smart Blinds app

Download the app to your phone or tablet by searching **Neo Smart Blinds on Google Play or the App Store.**

**Note:** Do not Install Neo Smart Blinds Blue

### 2. Plug in your MaxxLink in reach of your home WIFI

Choose a place not too far from your home router or a place you know has good WiFi signal strength. You will be able to change its location after, if necessary.

### 3. Create an account and choose the setup code written on the cover

After opening the app, tap on **Create one** to create a new account. Enter a valid **email address and choose a pass word**, select the **region time zone** from the place where the MaxxLink will be located. Choose the setup code written in the cover and tap on **Register**.

### 4. Follow the app step by step to add the MaxxLink

Have in hand the home WiFi password. It will be necessary to connect the MaxxLink to the Internet.

**Note:** Some Android users won't be connected quickly to the hotspot. If it is the case, please wait about 10 seconds before returning to the app. During this time, your device may notify you that the hotspot does not have Internet access, and will prompt you whether you want to remain connected. You need to select the option that will allow you to keep connected before returning to the app

## Troubleshooting

### 1. The home WIFI doesn't appear in the step 4

Try rescanning, if the problem persists, you will need to reposition the MaxxLink to a place with stronger WiFi signal. In this case, exit the process (tap on the menu, then tap **Your Rooms**), replace the MaxxLink and start over.

### 2. The MaxxLink LED in the bottom is not blinking blue - the process fails in the last step

Press the **S** button for 10 seconds, then press the **R** button once and start over. Pay special attention when typing the WiFi password.

### Need more help?

Visit [neosmartblinds.com/smartcontroller](http://neosmartblinds.com/smartcontroller) for detailed instructions about how to use the app and troubleshooting.

## Integrations

### 1. Smart home devices

Visit [neosmartblinds.com/smartcontroller-integrations](http://neosmartblinds.com/smartcontroller-integrations) for detailed information about connecting to Amazon Alexa, Google Home and other systems.

### 2. Control 4

Please send an email to [tech@neosmartblinds.com](mailto:tech@neosmartblinds.com) with your name,your email and your company's name. This Information is necessary to always send to you any further driver update.