



3DAYBLINDS®
YOU'LL LOVE THE TREATMENT



motorized[📶]
BY 3 DAY BLINDS

Cassette Roller Shade Installation Instructions

GETTING STARTED

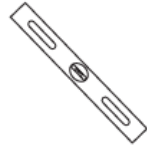
A few simple tools are required:



Steel Tape Measure



Pencil



Level
(for outside mount)



Power Drill and
Drill Bits



Flathead & Phillips
Screwdriver



Awl (or tool for starting
a screw hole)

Included in your order is all the hardware necessary for a normal installation. Depending on the mounting surface, fasteners other than the screws provided may be required. Wall board and plaster require the use of anchors such as expansion or toggle bolts. Bricks, tile and stone need special plugs and drill bits. Wood should always be pre-drilled to avoid splitting.

STANDARD HARDWARE

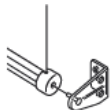


Square Cassette

Inside Mount Cassette with
Predrilled Hole Locations

Outside Mount Cassette with
Predrilled Hole Locations

OPTIONAL HARDWARE



Hold Down Bracket



Spacers



Fabric Wrapped
Cassette



Charging Wire with Magnetic
extension cable



Re-moveable bracket adjustment
(used to securely lock the shade
into the bracket, may have to turn
if repositioning the motor in the
bracket!)



Power switch (If motor is not responding check this switch)
1 = Motor on 0 = Motor off

Micro USB Charging Port

LED Light

P1 button (Programming button on motor)

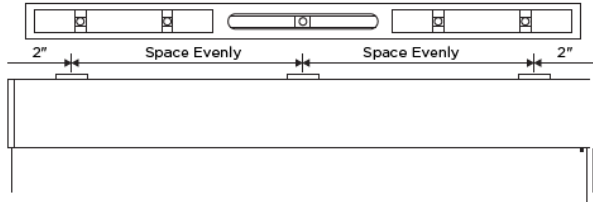


15 CHANNEL REMOTE CONTROL -
AVAILABLE IN BLACK OR WHITE

Square CASSETTE INFORMATION

The cassettes you received with your product are **REQUIRED** for proper installation. Screws should be installed at each end and any additional screws will need to be evenly spaced between the two end predrilled holes.

SCREW PLACEMENT Square Cassette



NOTE: Measure and mark all predrilled locations before installing.

- Measure 2" in from the ends of the headrail and mark the holes location on the mounting surface.
- Space additional screws evenly between the end holes.
- Adjust the cassette projection to accommodate obstructions to the bottom rail, such as window cranks or handles, using the spacer blocks provided.

Before installing the cassette directly to the sill or wall you must first remove the fascia and the shade from the cassette.

To remove the fascia, push down on the face of the fascia and pull the inner edge shown and swing out to disengage from the end plate on each side.

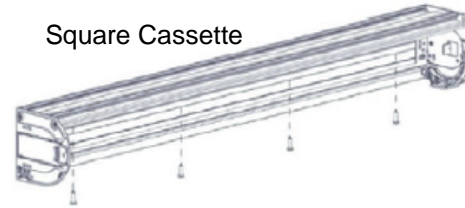


Next remove the shade from the cassette by retracting the pin on the idle side using the dial and turning it counter-clockwise, then pull the shade away from the control side bracket.



INSIDE MOUNT Square Cassette

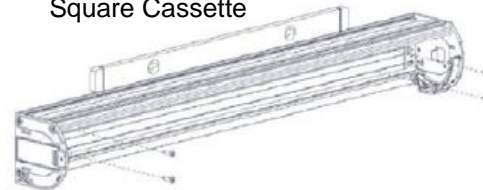
Square Cassette



- Align the tops of each installation cassette to the top of the window opening and attach using the screws provided, drilling through the predrilled holes.
- Adjust the cassette placement to accommodate obstructions to the bottom rail, such as a window crank or handle.
- Use a carpenter's level to check that the cassette is level and aligned. Attach using the screws provided and drill through the predrilled holes.

OUTSIDE MOUNT Square Cassette

Square Cassette



- Attach the back of each installation cassette using one screw per predrilled hole.
- Use a carpenter's level to check that the cassette is level and aligned.

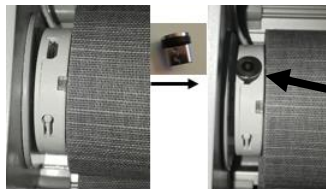
SHADE INSTALLATION INTO CASSETTE

Square Cassette

Once you have installed the Cassette now it is time to reassemble the shade back into the Cassette. Insert the control side first making sure the mechanism is turned up like it was when removed, chain guard turned up towards Cassette so chain is visible (picture below). Next push the idle pin in and slowly insert the shade into the groove provided by the internal bracket until the pin snaps into place. Then reattach the CCL guide to the end plate making sure the complete piece snaps into place in the correct groves.



- Magnetic Tip is installed by the factory



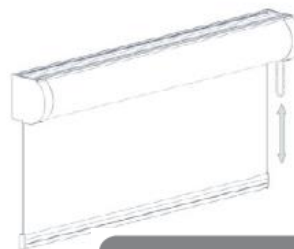
- **Tip:** Make sure charging port is pointing down and accessible to plug in micro USB charging wire. Also make sure you can push the programming button.

Once you have the shade back into the Cassette now it is time to reattach the Fascia. The Fascia sits in a groove on top of the Cassette and snaps into the end plates on the right and left side. Insert the Round or Square fascia onto the Cassette back groove & rotate down to clip into position on the right and left side, you will hear it snap into place.



The final step is to attach the end caps on the right and left side of the Cassette.

- Align the square or round end caps and slide them onto the end plates of the cassette. You will hear a click when they are in place.



- Test the shade to ensure it is operating correctly.

SHADE OPERATION

Square Cassette

- See Programming Guide

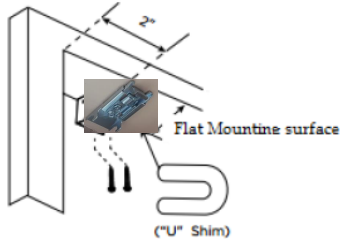
SHADE REMOVAL

Square Cassette

Start by disassembling the shade like you did in the beginning.

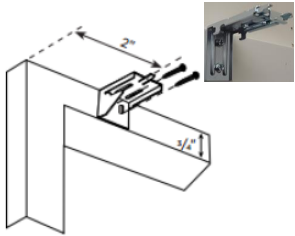
- First remove the end caps on the left and right side by sliding them towards you.
- Next remove the fascia by pushing in on the face of the fascia and pull the inner edge down and swing out to disengage from the end plate on each side.
- Next remove the shade from the Cassette by retracting the pin on the idle side using the dial and turning it counter clockwise, then pull the shade away from the control side bracket.
- Final step is to remove the screws used to drill the Cassette into the sill/wall. Remember to hold onto the Cassette as you release the screws.

INSIDE MOUNT Fabric Wrapped Cassette



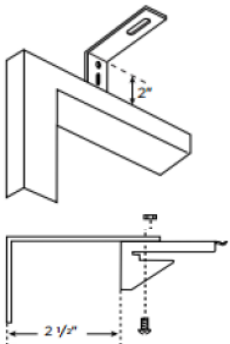
- The Brackets should be installed at each end, with the centerline of the brackets positioned 2" from the ends.
- Use shims if necessary to ensure the headrail is mounted level.

OUTSIDE MOUNT Fabric Wrapped Cassette



- The Brackets should be installed at each end, with the centerline of the brackets positioned 2" from the ends.
- 3/4" minimum of flat mounting surface required.

OUTSIDE MOUNT WITH EXTENSION BRACKETS

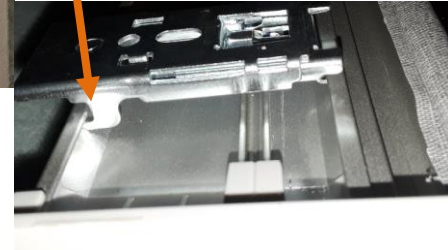


- Optional Extension Brackets are used to project the back of the shading up to 2 1/2" from the mounting surface.
- 2" minimum of flat mounting surface is required.
- Attach the Standard Mounting Bracket to the Extension Bracket with the nut and bolt provided.

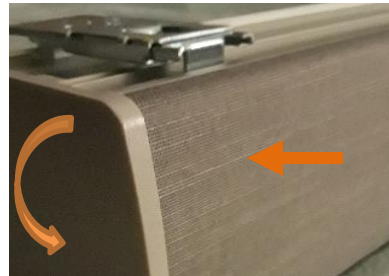
HANGING THE SHADING Fabric Wrapped Cassette



- Engage the front lip of the bracket to the front groove on the top of the Cassette.
- Push the Cassette back until it fully engages with the two support hooks on the back of the bracket.
- Pull down on the back & front of the Cassette to make sure the bracket is fully engaged.



REMOVING THE SHADING Fabric Wrapped Cassette



- Grab the Cassette, push back and pull down on the back releasing it from the back hooks of the bracket. Slowly bring the shade back towards you releasing it from the front lip of the bracket. Hold the Cassette tightly the entire time.

OPERATING THE SHADING Fabric Wrapped Cassette

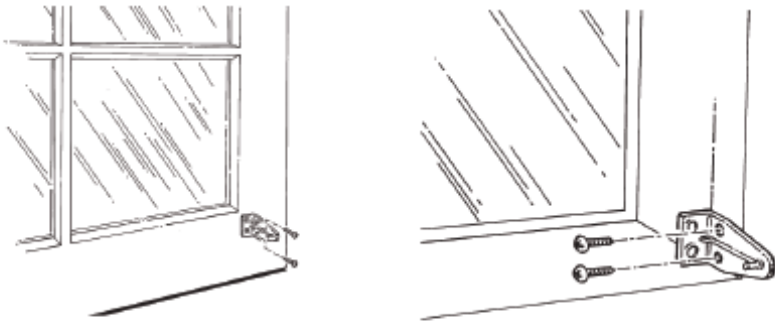
- See Programing Guide

OPTIONAL ACCESSORIES

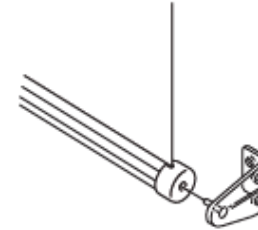
Fabric Wrapped
Cassette

HOLD DOWN BRACKETS

Hold down brackets are used primarily on shades mounted to doors or in motor homes. There are two small holes in the end caps. Use the pin on the hold down bracket to push through the hole in the end cap.



- With the shade lowered to its full length, place the pin of each hold down bracket into the hole in each end of the bottom rail.
- Mark the mounting surface, either to the side or back of the window frame, through the holes in the hold down bracket. Make sure the hold down brackets are level and aligned with each other.
- Raise the shade and screw the hold down brackets into the mounting surface using the screws provided.



- Lower the shade and flex the hold down bracket outward so that the pin can be inserted into the hole in the end cap.

SPACER

Spacers are available for use on windows with a projected molding. They are $\frac{3}{8}$ " thick and allow the shade to be mounted flush with the outside edge of any standard window molding. They are available by contacting our Customer Care Department at 800-800-3329.

MOTORIZATION

For Motorized Shades, install just like standard Continuous Cord Loop Shades and attach the battery tube with the clips provided. Remember to use Lithium Batteries, also provided, and refer to SomfySystems.com for further operation and programming.

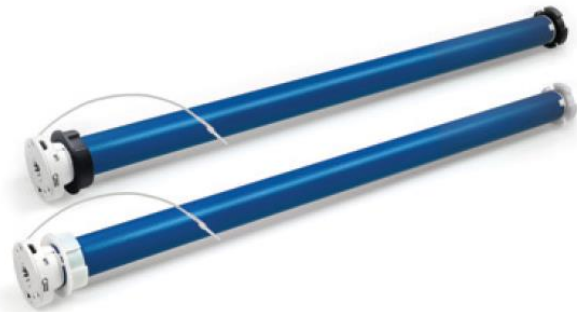


3DAYBLINDS®
YOU'LL LOVE THE TREATMENT

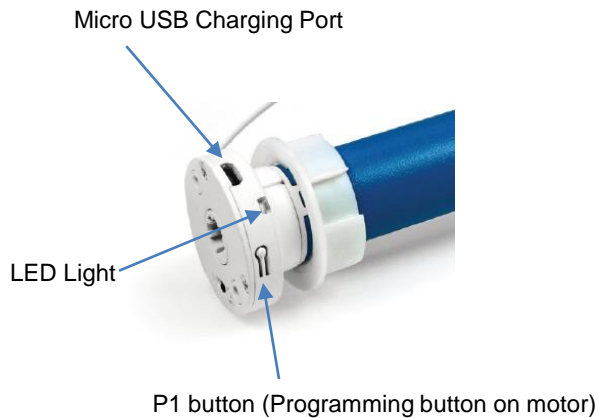
motorized[📶]
BY 3 DAY BLINDS

Cassette Roller Shade Programing Guide

Specifications



- Wire-free 0.7Nm rechargeable motor with built-in Li-ion battery
- Approximately 500 up/down cycles per each full charge
- Micro USB Charger Port
- 3 motor speed settings; 20, 28 or 34rpm
- Sound level ~46dB
- 5 year warranty



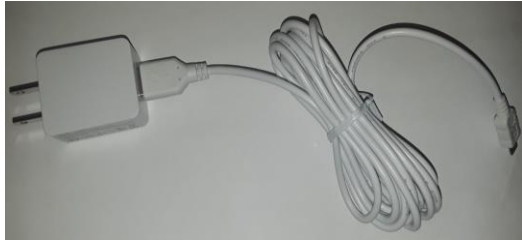
Re-moveable bracket adjustment
(used to securely lock the shade
into the bracket, may have to turn
if repositioning the motor in the
bracket)



Power switch (If motor is not responding check this switch)
I = Motor on 0 = Motor off

Charging Instructions

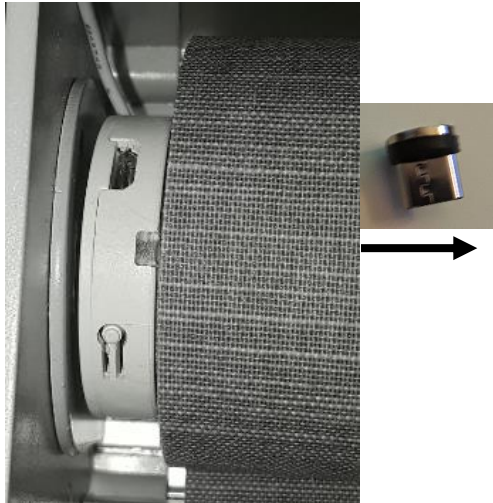
- USB Charger with wall outlet



- Magnetic Extension



- Magnetic Tip



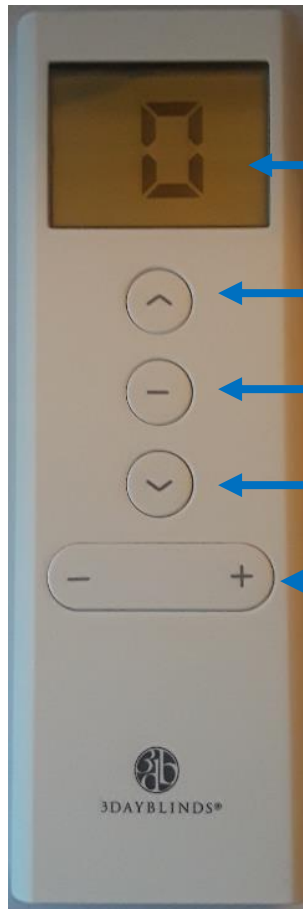
- Plug the charger into the wall and the micro USB tip into the shades charging port, similar to charging a cell phone. Hold the magnetic end close to the magnetic tip and it will snap together and begin charging.
- Charger can be left plugged in and will not harm the motor or battery. (They both have integrated overcharge protection circuits)
- Needs to be Charged about twice a year depending on usage.
- Production will charge the shade before sending it out to installer and install the magnetic tip, it takes about 6 hours to fully charge.
- During operation, if the motor beeps 10 times, that is indicating a low battery and needs to be charged.
- During operation, if the battery is going low, it will stop running and will need to be charged.

Rechargeable Battery Status Indicator

- **Blinking Red** – Low Battery alert
- **Blinking Green** – Charging in process
- **Solid Green** – Battery has finished charging

- Production will Install the magnetic tip before shipping the shade.

Remote Button Instructions



LCD Display (Channel you have selected, 0 operates all shades)

Up

Stop

Down

Channel Select
(15 Channel Remote, 0 is the all channel)



Small Blue Screw Driver – Used to secure back cover on remote. **Also can be used to press the P1 button. LEAVE W/CLIENT**

CR2450 Battery











Back cover

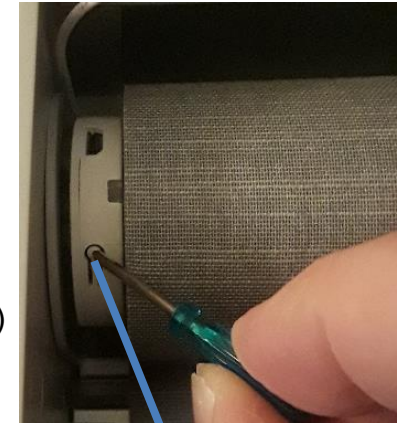
P2 Button (Remotes Program Button)

On / Off Switch (If shade does not respond to remote, check switch is On.)

P2 Button (Remotes Program Button)

P1 Programming Button Instructions (Located on the motor)

- 1. Test Motor:** (Test to make sure shade is charged & used to operate shade manually without remote)
 - Press P1 (Less than 1 sec) Until Shade Jogs   x1
 - Shade will wake up and start running down, press P1 to stop shade, P1 again to raise the shade.
- 2. Pairing Mode:** (Used to pair the shade to a remote, first step after installing the shade)
 - Press P1 & Hold (Approx. 2 secs) Until shade Jogs   x1 then release.
 - When released the Motor will Beep x1, shade is ready to program to the remote
- 3. Sleep Mode:** (Used to program other shades on the same channel.)
 - Press P1 & Hold (Approx. 6 secs) Until Shade Jogs   x2
 - When released the Motor will Beep x2, press up or down on remote, shade should not move.
- 4. Reverse Direction:** (Used when shade goes up when you push down or down when you push up.)
 - Press P1 & Hold (Approx. 10 secs) Until Shade Jogs   x3
 - When released the Motor will Beep x3, press up or down on remote to check for proper direction is saved.
- 4. Reset To Factory Settings:** (Used to erase all previous programming and start with a clear motor.)
 - Press P1 & Hold (Approx. 10 secs) Until Shade Jogs   x4
 - When released the Motor will Beep x4 shade should not respond to remote, start from beginning with pairing the shade and setting the limits.



P1 button (Remote will come with small blue screw driver that can be used to push the P1 button)

Pair / Unpair Remote Control To Shade

Step 1 : Press P1 button (about 2 sec) on the motor head until motor jog x1 and beep x1.

Step 2 : In the next 10 secs, press the + or – on the remote to select the channel you want the shade to be on, press and hold “Stop (-)” button until motor jog x2 and beep x3.

- Repeat the same procedure to unpair remote control and remove the shade from previous channel. Production has set the limits so shade should be ready to operate, see “Adjust Limits” to change the upper and lower limit.

Change Motor Direction (IF Necessary)

Step 1 : Press “Up” or “Down” button to check if the shade moves in the desired direction.

- If you need to reverse the direction, press and hold (about 2 sec) “Up” and “Down” buttons simultaneously until motor jog x1 and beep x1.

*The operation is only valid when there are no limits. If the motor has already set the upper and lower limit, then you can only switch direction by pressing P1 button (See P1 button instructions).

Setting the Upper & Lower Limits (These Steps are done if no limits are set from Factory, or you have Reset the motor to Factory Settings)

Step 1 : Set Upper Limit

- a. Press “Up” button to raise the shade, then press “Stop” button when it is in the desired upper limit.
- b. Press and hold (about 5 sec) “Up” and “Stop” buttons simultaneously until motor jog x2 and beep x3.

Step 2 : Set Lower Limit

- a. Press “Down” button to lower the shade, then press “Stop” button when it is in the desired lower limit.
 - b. Press and hold (about 5 sec) “Down” and “Stop” buttons simultaneously until motor jog x2 and beep x3.
- If you exit the limit setting status before you finish the limit settings, the motor will take the previous existing limits.
 - After you are done setting the upper and lower limit the shade is ready to operate and is in user mode.

Adjust the Upper & Lower Limits (These Steps are done when in user mode, or limits are already set from factory)

Step 1 : Adjust the Upper Limit

- a. Press and hold (about 5 sec) “Up” and “Stop” buttons simultaneously until motor jog x1 and beep x1.
- b. Use “Up” button to raise the shade to the desired highest position, and use “Up” or “Down” button to do the final adjustment if necessary.
- c. Press and hold (about 5 sec) “Up” and “Stop” buttons simultaneously until motor jog x2 and beep x3.

Step 2 : Adjust the Lower Limit

- a. Press and hold (about 5 sec) “Down” and “Stop” buttons simultaneously until motor jog x1 and beep x1.
- b. Use “Down” button to lower the shade to the desired lowest position, and use “Up” or “Down” button to do the final adjustment if necessary.
- c. Press and hold (about 5 sec) “Down” and “Stop” buttons simultaneously until motor jog x2 and beep x3.

Favorite Position (By pressing & Holding “Stop” shade will go to this saved spot every time)

Action: Set Favorite Position

Step 1 : Use “Up” or “Down” button to move the shade to desired Favorite position.

Step 2 : Press and hold (about 2 sec) one “P2” button on the back of remote control until motor jog x1 and beep x1.

Step 3 : Press and hold (about 2 sec) “Stop” button until motor jog x1 and beep x1.

Step 4 : Once more, press and hold (about 2 sec) “Stop” button until motor jog x2 and beep x3.

Action : Send Shade to Favorite Position

Step 1 : Press and hold (about 2 sec) “Stop” button, motor will move to Favorite position.

Action : Delete Favorite Position

Step 1 : Press and hold (about 2 sec) one “P2” button until motor jog and beep x1.

Step 2 : Press and hold (about 2 sec) “Stop” button until motor jog and beep x1.

Step 3 : Once more, press and hold (about 2 sec) “Stop” button until motor jog x1 and long beep x1.

Roller Mode & Sheer Mode (Sheer Mode is used to operate Roller shades in short increments and in Horizontal Sheer its used to open the slats in increments adjusting light control better)

Action: Roller Shade Mode - continue movement after a short press - Default Mode

Step 1 : Press and hold (about 5 sec) “Up” and “Down” buttons simultaneously until motor jog x1.

Step 2 : Press and hold (about 2 sec) “Stop” button until motor jog x2 and beep x3.

Action : Sheer Shade Mode - jog movement after a short press (continue movement after a long press)

Step 1 : Press and hold (about 5 sec) “Up” and “Down” buttons simultaneously until motor jog x1.

Step 2 : Press and hold (about 2 sec) “Stop” button until motor jog x1 and beep x1.

Add or Remove Additional Remote

Step 1 : On the current remote control, press and hold (about 2 sec) one “P2” button until motor jog x1 and beep x1.

Step 2 : Once more, on the current remote control, press and hold (about 2 sec) one “P2” button until motor jog x1 and beep x1.

Step 3 : On the New remote control, press and hold (about 2 sec) one “P2” button until motor jog x2 and beep x3.

* Repeat the same procedure to remove additional remote control.

Grouping Shades (Used to have a group of shades on one channel to operate simultaneously.)

Step 1 : On the remote Select the channel you want to add to a group. Turn remote over and remove battery cover.

Step 2 : Press and release (less than 1 sec) one of the “P2” buttons, shade will jog x1 and beep x1.

Step 3 : Press and release (less than 1 sec) one of the “P2” buttons again, shade will jog x1 and beep x1.

Step 4 : Turn the remote back over and select the channel you want to add the shade to (the group channel).

Step 5 : Turn remote over, Press and release (less than 1 sec) one of the “P2” buttons, shade will jog x2 and beep x3. Shade will now work on both original channel and the group channel.

* Repeat the same procedure to remove the shade from the group channel.

* You can also add the shade to a group channel by using the P1 button. Press the P1 button on the motor head(Approx. 2 sec) shade will jog x1 and Beep x1. Then select the channel you want to add the shade to and press & hold the Stop button until the shade jog x2 and beep x3. Its now added to the group shades as well as its original channel. Repeat steps to erase shade from group.

Adjust Motor Speed (Used if all shades are running at different speeds, increasing the speed will shorten battery life.)

Action : Acceleration Speed

Step 1 : Press one “P2” button until motor jog x1 and beep x1.

Step 2 : Press “Up” button until motor jog x1 and beep x1.

Step 3 : Once more, press “Up” button until motor jog x2 and beep x1.

Action : Deceleration Speed

Step 1 : Press one “P2” button until motor jog x1 and beep x1.

Step 2 : Press “Down” button until motor jog x1 and beep x1.

Step 3 : Once more, press “Down” button until motor jog x2 and beep x1.

* If the motor has no response, it already has a Maximum or Minimum speed.

Advanced Setting (Disable Limit Setting so they are not changed by mistake)

Step 1 : Remove the cover from the backside of remote, the lock switch is in the right corner.

Step 2 : Move the switch to the “Lock” position to disable the following commands, remote will show “L” (lock):

- Change Motor Direction
- Setting the Upper and Lower Limit
- Adjust Limit
- Roller Mode or Sheer Mode

Step 3 : Move the switch to “Unlock” position to assess all remote functions, remote will show “U” (unlock).

* This advanced feature is intended to be used after all shade programming is completed. User Mode will prevent accidental or unintended changing of limits.

Quick Index

Settings	Steps
1 Pairing	P1 (hold down for 2s) > Stop (hold down for 2s)
2 Switch Rotating Direction	Up + Down (hold down for 2s)
3 Setting Upper & Lower Limits	Upper Limit: Up (hold down for 2s) > Up + Stop (hold down for 2s) Lower Limit: Down (hold down for 2s) > Down + Stop (hold down for 2s)
4 Add / Remove Favorite Position	P2 > Stop > Stop
5 Roller Mode & Sheer Mode Switch	Up + Down (hold down for 5s) > Stop
6 Adjust Limits	Upper Limit: Up + Stop (hold down for 5s) > Up or Down > Up + Stop (hold down for 2s) Lower Limit: Down + Stop (hold down for 5s) > Up or Down > Down + Stop (hold down for 2s)
7 Pair / Unpair Additional Emitter	P2 (existing) > P2 (existing) > P2 (new)
8 Speed Regulation	Acceleration: P2 > Up > Up Deceleration: P2 > Down > Down

Troubleshooting

Issues	Possible Causes	Solution
The motor has no response	Battery in motor is depleted	Recharge with compatible AC adaptor and check connection and positioning of solar PV panel
	Insufficient charging from Solar PV Panel	Check connection and orientation of solar PV panel
	Remote control battery is discharged	Replace battery
	Battery is inserted incorrectly into remote control	Check battery polarity
	Radio interference / shielding	Ensure remote control and the antenna on the motor are positioned away from metal objects
	Receiver distance is too far from Remote Control	Move remote control to a closer position
	Power failure	Check power supply to motor is connected and active
	Incorrect wiring	Check that wiring is connected correctly (refer to motor installation instructions)
Motor beeps 10 times when in use	Battery voltage is low / PV (solar panel issue)	Recharge with AC adapter or check connection and positioning of solar PV panel
Cannot program a single motor (multiple motors respond)	Multiple motors are paired to the same channel.	Always reserve an individual channel for programming functions
		SYSTEM BEST PRACTICE - Provide an extra 15 channel remote in your multi-motor projects that provides individual control for each motor for programming purposes
		Place all other motors into sleep mode (ref to P1 button instructions)



Motorization FAQs & Programing Videos:

<https://www.3dayblinds.com/motorization-faq>

 WARNING	
<ul style="list-style-type: none">• INGESTION HAZARD: This product contains a button cell or coin battery.• DEATH or serious injury can occur if ingested.• A swallowed button cell or coin cell battery can cause INTERNAL CHEMICAL BURNS in as little as 2 HOURS.• KEEP new and used batteries OUT OF REACH OF CHILDREN.• SEEK IMMEDIATE MEDICAL ATTENTION if a battery is suspected to be swallowed or inserted inside any part of the body.• CR 2032, 3v	 

- Remove and immediately recycle or dispose of use batteries according to local regulations and keep away from children.
- Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- CR2032 is the compatible battery type.
- The nominal battery voltage is 3.0V.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 60° or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the new batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.