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motorized
BY 3 DAY BLINDS

Woven Wood Shade Installation Instructions
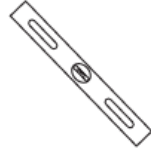
GETTING STARTED

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
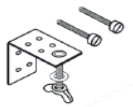
CONTINOUS CORD LOOP

Mounting Bracket
(for each 1 wing nut
and 2 screws)

Mounting Bracket
(for each 1 wing nut
and 2 screws)

Micro USB Charging Port

LED Light

P1 button (Programming button on motor)
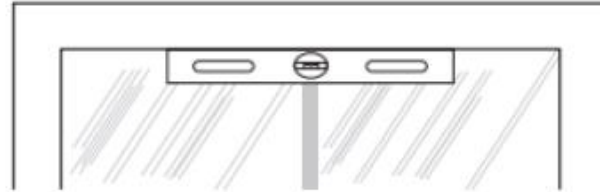
OPTIONAL HARDWARE

Extension Bracket

Spacer

Bolt And Nut

BRACKET INFORMATION

The brackets you received with your product are REQUIRED for proper installation. Brackets should be installed 2" from each end. Any additional brackets will need to be evenly spaced between the two end brackets.

MAKE SURE THE MOUNTING SURFACE IS LEVEL

WARNING: If the headrail does not sit level, the Window Shading will not roll up evenly. This could damage the edges of your shading! Your Window Shading has been leveled and weighted in our factory. Shims have been provided to allow you to compensate for uneven mounting surfaces and ensure balanced operation.

15 CHANNEL REMOTE CONTROL –
AVAILABLE IN BLACK OR WHITE

INSIDE MOUNT
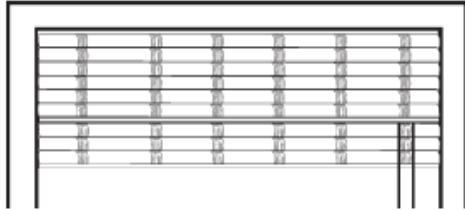
INSIDE MOUNT HEADRAIL INSTALLATION

- Facing the window, position the bracket 1⅛" in from the left corner of the window casing.

- Using a pencil, mark the wall through the holes in the top of the bracket.

- Using a drill with a ¹⁄₁₆" drill bit or an awl, make a small pilot hole at each pencil mark.

- Mount the bracket using the screws provided.

- Repeat this procedure for the right bracket, making sure the bracket is 1 ⅛" in from the right corner of the window casing.

- Repeat this procedure for any remaining brackets. Make sure the brackets are evenly spaced throughout the opening.

SIDE MOUNT
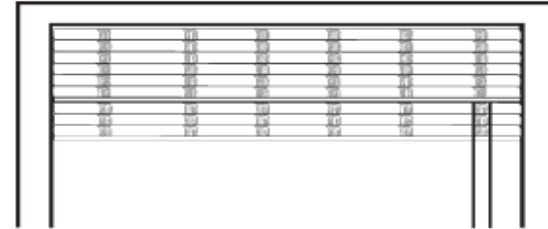
SIDE MOUNT HEADRAIL INSTALLATION
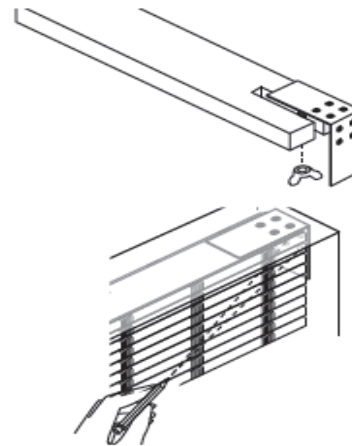
- Attach all mounting brackets to the headrail by placing the bolt on the mounting bracket through the slot in the top of the shade and loosely securing it with the wing nut.

- Hold the shape up to the desired mounting position and mark the drill holes at the side of the bracket.
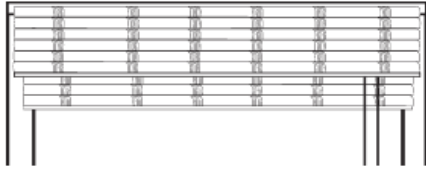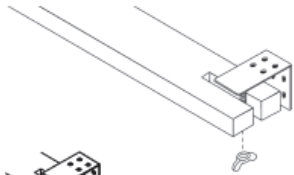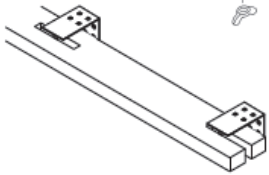
OUTSIDE MOUNT HEADRAIL INSTALLATION

• Attach all mounting brackets to the headrail by placing the bolt on the mounting bracket through the slot in the top of the shade and loosely securing it with the wing nut.

NOTE: Wide shades require center support brackets slots are pre-drilled in headrail.
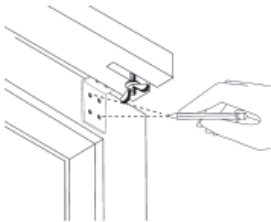
• Hold the shade up to the desired mounting position and mark the drill holes at the top of the bracket.

• Remove the brackets from the shade and secure them at the pencil marks using the screws provided. Drill small pilot whole as required.

SHADE INSTALLATION

Place the shades into the mounting brackets and securely tighten the wing nut.
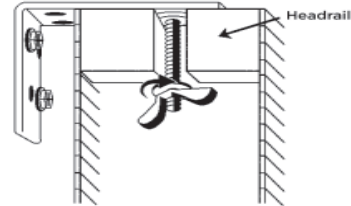
SHADE REMOVAL

Hold shade securely and loosen and remove wing nut.

SHADE OPERATION

See Programing Instructions

OPTIONAL INSTALLATION

HOLD DOWN BRACKETS

Hold down brackets are optional. Hold down brackets are used primarily on shadings mounted to doors or in motor homes.

- With the shading lowered to its full length, place the pin of each hold down bracket into either the front or back hole of the bottom rail end cap located at each end of the bottom rail, use a bit of pressure to break through the plastic film and push the pin into the end cap.

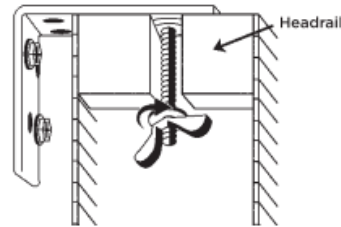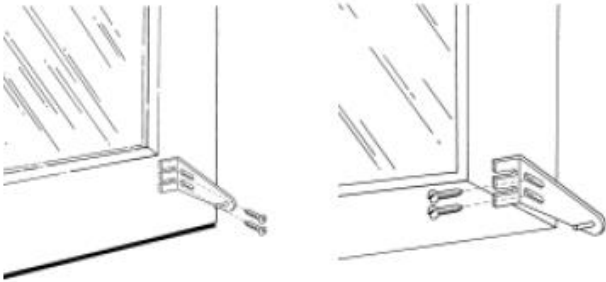- Mark the mounting surface, either to the side or back of the window frame, through the holes in the hold down bracket. Make sure the hold down brackets are level and aligned with each other.

- Raise the shading and screw the hold down brackets into the mounting surface using the screws provided.

Bottom Rail
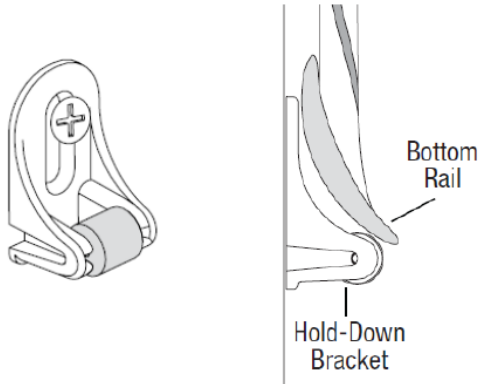
Hold-Down Bracket

Outside Mount - Preferred Location

Outside Mount - Alternate Location

- Tip: Check to make sure lower limit is set before installing hold downs.
- Lower shade until vanes start to open and then stop. Set hold down bracket so it just touches the bottom rail, mark the screw hole. Raise shade and screw hold down in using the mark as your guide.

OPERATING THE SHADING

- See Programming Instructions.

Woven Wood Programming Guide

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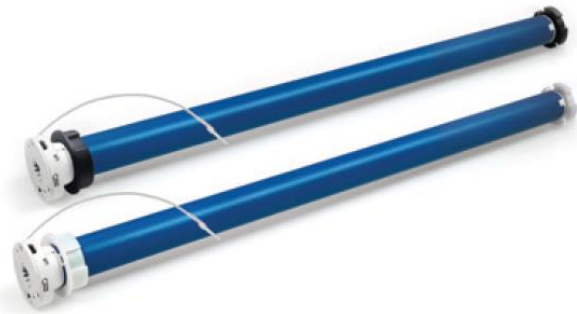
- Wire-free 0.7Nm rechargeable motor with built-in Li-ion battery
- Approximately 500 up/down cycles per each full charge
- Micro USB Charger Port
- 3 motor speed settings; 20, 28 or 34rpm
- Sound level ~46dB
- 5 year warranty

Micro USB Charging Port

LED Light

P1 button (Programming button on motor)
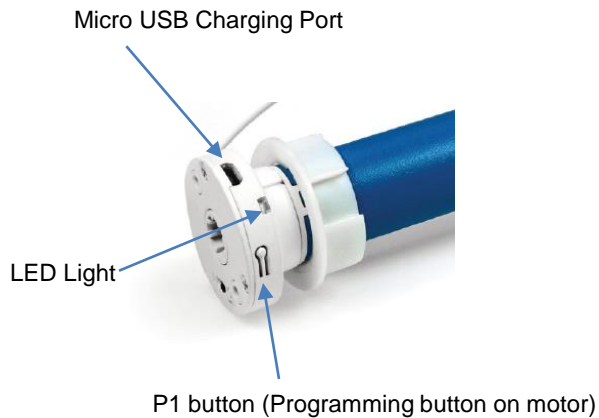
Re-moveable bracket adjustment (used to securely lock the shade into the bracket, may have to turn if repositioning the motor in the bracket)

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

Charging Instructions

• USB Charger with wall outlet
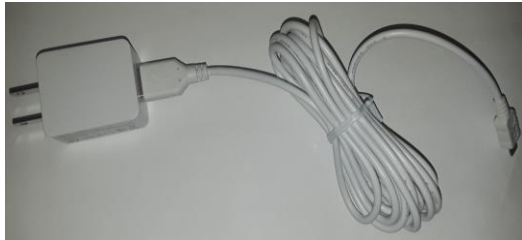
• Magnetic Extension

• Magnetic Tip
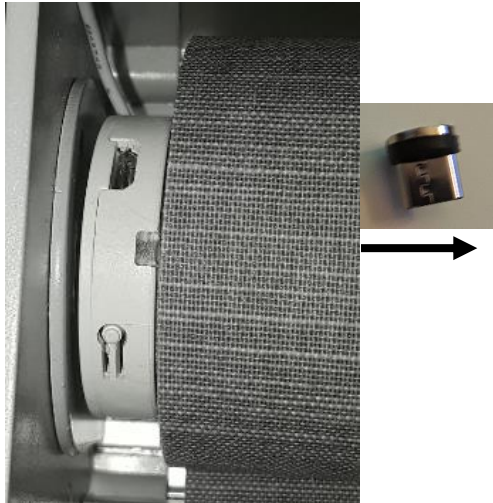
• Plug the charger into the wall and the micro USB tip into the shades charging port, similar to charging a cell phone. Hold the magnetic end close to the magnetic tip and it will snap together and begin charging.

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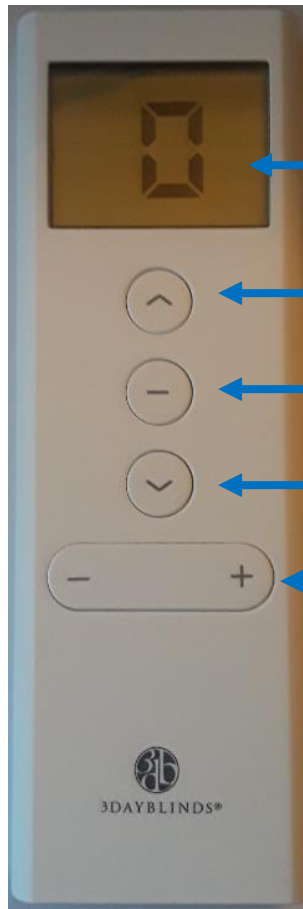
LCD Display (Channel you have selected, 0 operates all shades)

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**

AMP Remote
PN: 62I05000

AMP-I5C-Remote
RF:433.92MHz
FCC ID: 2AU29AMPI5REM
IC: 25624-AMPI5REM
MADE IN PRC

BI-DIRECTIONAL

CE FC

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)

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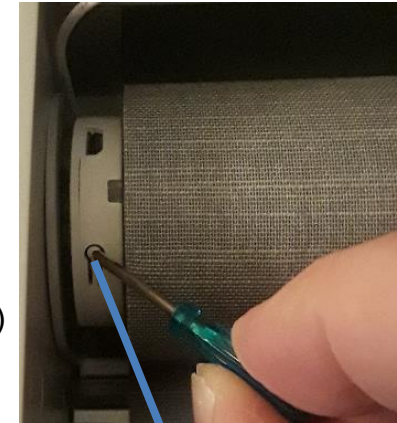
P1 button (Remote will come with small blue screw driver that can be used to push the P1 button)

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

- **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.