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motorized<sup>📶</sup>  
BY 3 DAY BLINDS

## *Wood & Faux Wood Blind W/ Motorized Tilt Installation Instructions & Programming Guide*



## Faux Wood - Cordless Ultra Lift with Motorized Tilt

FAUX WOOD BLINDS - ULTRA LIFT W. MOTORIZED TILT	PRODUCT DIMENSIONS				INSIDE MOUNT DEPTH REQUIREMENTS			OUTSIDE MOUNT RECOMMENDED OVERLAPS			STACK			LIGHT GAP
	WIDTH*		LENGTH*		MIN. DEPTH (BRACKET)**	FLUSH DEPTH (HEADRAIL)**	FLUSH DEPTH (HEARAIL & VALANCE)**	EA. SIDE	LENGTH		40" LONG	60" LONG	80" LONG	
	MIN.	MAX.	MIN.	MAX.					TOP	BOTTOM				
<b>2" SLATS</b>	17"*	96"*	12"*	84"*	3/4" <sup>1</sup> 2 1/8" <sup>2</sup>	2 1/2" <sup>1</sup> 3 7/8" <sup>2</sup>	3 1/2" <sup>1</sup> 2 1/8" <sup>2</sup>	11/2"	2"	1 1/2"	6"	8"	12 1/2"	EACH SIDE
<b>2 1/2" SLATS</b>	17"*	96"*	12"*	84"*	1 1/8" <sup>1</sup> 2 1/8" <sup>2</sup>	2 3/4" <sup>1</sup> 3 7/8" <sup>2</sup>	3 7/8" <sup>1</sup> 4 7/8" <sup>2</sup>	11/2"	2"	1 1/2"	6"	8"	12 1/2"	EACH SIDE
<b>INDEPENDENT CORONADO AND CRESCENT VALANCES</b>	7 1/2"	188"	Valances that exceed 97" require at least one Keystone. <a href="#">Click here</a> for additional details on keystones											1/4"
<b>DESIGNER FAUX WOOD</b>	7 1/2"	192"	Valances that exceed 108" will be spliced											1/4"

**\* Max Square Footage allowed per Faux Wood Type**

- <sup>1</sup> 2" and 2 1/2" Smooth Faux Wood max can't exceed 36 Square Feet
- <sup>2</sup> 2" Designer Faux Wood max can't exceed 64 Square Feet

**\*\* Min and Flush Depth measurements depends on battery mount location**

- <sup>1</sup> Battery mounted above the headrail or on the wall require less depth
- <sup>2</sup> Battery behind the headrail and the Battery behind slat in the jamb require more depth

## Product Specifications

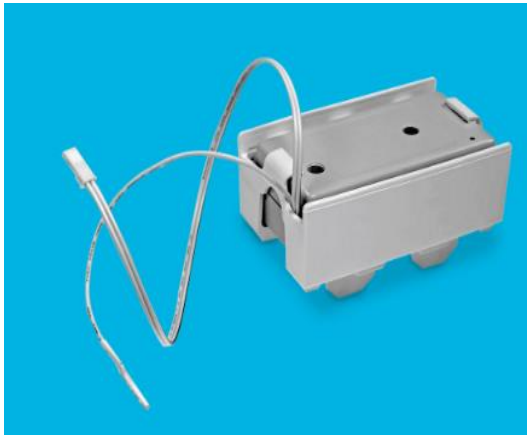
### Size Restrictions for Cordless Ultra Lift

	24"	36"	48"	60"	72"	84"	96"
24"							
36"							
48"							
60"							
72"							
84"							

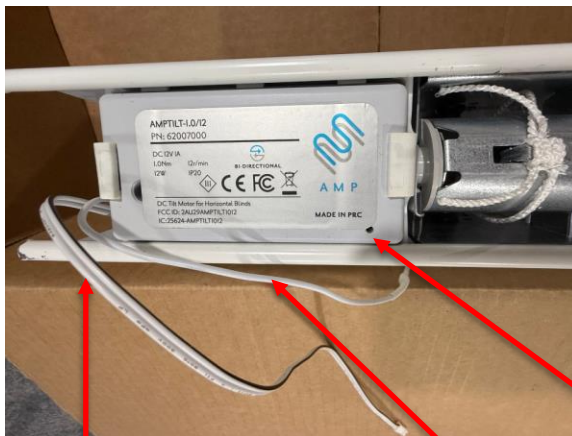
<b>KEY</b>	
	= Available
	= Unavailable

This chart provides general guideline, however, square footage is used to determine whether a single blind can be manufactured at a specific width and length. Only the available choices will be visible when ordering.

## Motorized Specifications



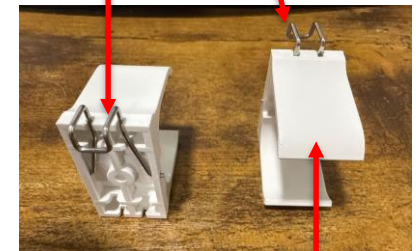
- 0.6Nm DC motor with tilt only function for Horizontal Blinds
- Compatible with 3DB external battery pack
- Approximately 500 tilting cycles per each full charge
- 3 motor speed settings: 12, 15 or 20rpm
- Sound level ~50dB
- 5 year warranty



Battery Pack w/Clips Snapped On



Metal Hook (to hang on back of headrail)



Programming Button (P1)



Magnetic Charging Port

Battery Clip

Power Cable(Plugs into Battery Pack)

Antenna

## Standard Charging Instructions



- Plug the charger into the wall and the micro USB tip into the battery wands charging port, similar to charging a cell phone.
- 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 battery wand before sending it out to installer, it takes about 6 hours to fully charge.
- During operation, if the battery is going low, it will stop running and will need to be charged.



**Magnetic Charging Port**



**Magnet Cable Extension**



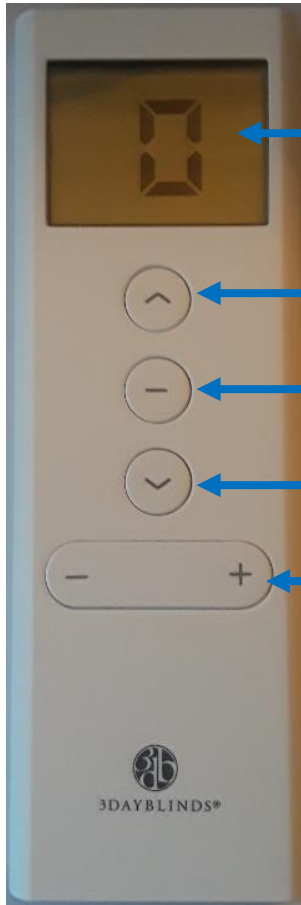
**Charger w/ wall adapter**



### Rechargeable Battery Status Indicator

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

## Remote Button Instructions



**LCD Display** (Channel you have selected, 0 operates all blinds but you can not pair to 0.)

**Tilt Slats Up**

**Stop Tilt**

**Tilt Slats Down**

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

**\* Pair blind to remote before installing into window. Tap the Up or Down button to move the slats in increments, and hold Up or Down for the slats to close to their limits.**



CR2450 Battery

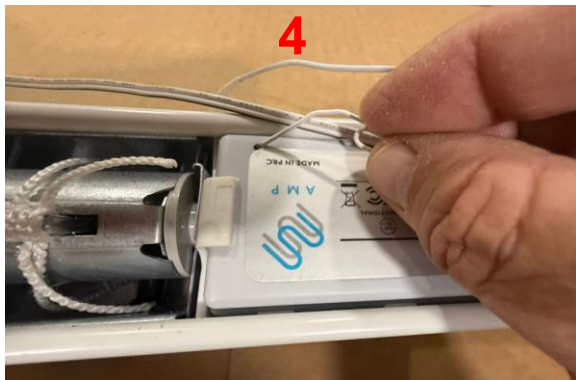
Back cover

P2 Button (Remotes Program Button)

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

P2 Button (Remotes Program Button)

## Battery Installation & First Steps Before Installing The Blind





1. Snap the battery clips on the battery wand, then clamp the battery wand on the back of the headrail. (Make sure the hooks are not loose.)
2. Connect the battery cable to the motor cable so the wires are running along the back of the headrail, tighten the slack.
3. Slide the battery right or left to make sure the wires are not sagging or inside headrail, and the antenna is hanging out of the headrail. (Be aware of where you install the center support bracket for the blind, making sure it is installed opposite side of the battery pack. In this example the center support is installed into the window sill right where the cables connect, on the right side of the center barrel.)
4. With a paper clip Press and Hold the Programming button on the motor until the slats Jog once, then let go.
5. Within 10 seconds on the remote select the channel you want the shade to be on (1-15). Then Press and Hold the Stop button until the slats jog, then let go. The shade is now programmed to the remote on channel 1 in this example. You are now ready to install the Blind into the window, and operate the shade.

**P1 Programming Button Instructions (Located on the motor, Pair Remote to the Blind before installing.)**



**1. Test Motor:** (Used to test you have power to the blind & used to operate slats manually without remote)

- Press & Release P1 (Less than 1 sec) and slats will close. Press again to stop, Press again to move slats the opposite direction.
  - Blind will wake up and slats will close to the opposite limit, press P1 to stop slats, P1 again to close the slats the other direction.



**2. Pairing Mode:** (Used to pair the blind to a remote, first step BEFORE installing the blind)

- Press P1 & Hold (Approx. 2 secs) Until slats Jog   x1 then release.
  - When released the Motor is ready to program to the remote, hold stop on remote within 10 seconds.



**3. Sleep Mode:** (Used to program other blinds on the same channel.)

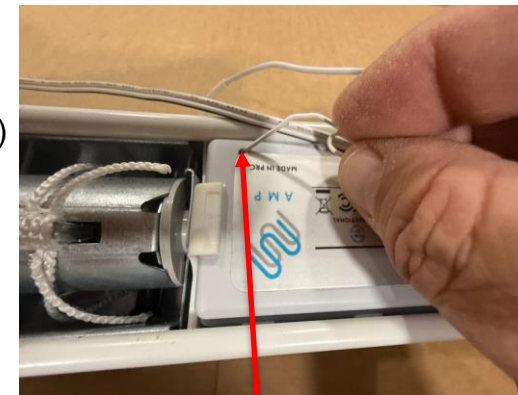
- Press P1 & Hold (Approx. 6 secs) Until Slats Jog   x2
  - When released test tilt by pressing up or down on remote, slats should not move.

**4. Reverse Direction:** (Used when slats goes up when you push down or down when you push up.)

- Press P1 & Hold (Approx. 10 secs) Until Slats Jog   x3
  - When released test tilt by pressing up or down on remote to check for proper direction is saved. If it did not work or to change the tilt back, then repeat steps.

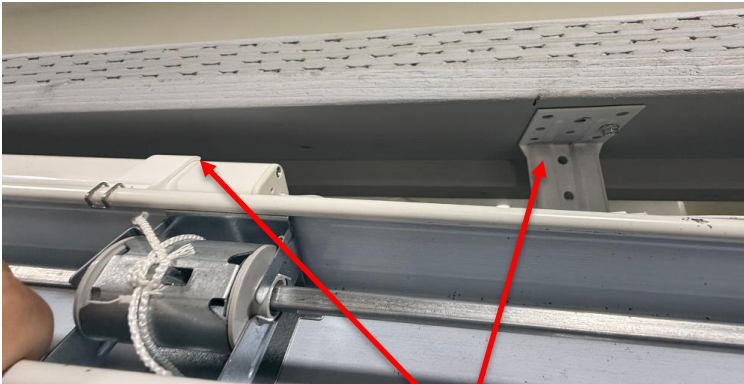
**4. Reset To Factory Settings:** (Used to erase all previous programming and start with a clear motor.)

- Press P1 & Hold (Approx. 10 secs) Until Slats Jog   x4
  - When released the Motor should not respond to remote, start from beginning with pairing the shade and setting the limits, then it will go into user mode by itself.



**P1 Button**, use a paper clip to press the programming button. Only done with blind out of the window when IM.

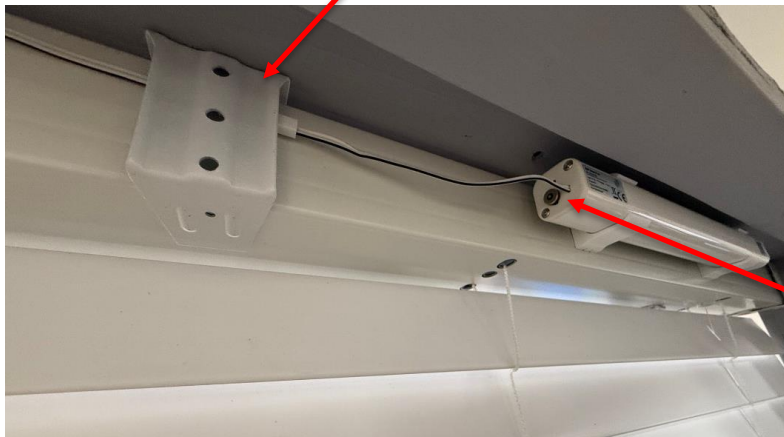
## *Battery Placement After Installation*



Make sure to install the Blinds Center Support Bracket opposite side of battery wand.



The Antenna should be pulled out the back or front of the headrail



Make sure the cables are not pinched and the charging port is accessible to charge the shade.

## **Cordless Ultra Lift Control**

- Lower the blind before you operate the slats with the remote. When raising the blind up make sure the slats are open flat at 90 degrees.
- Slats tilt open and closed with the remote, and the blind is lifted by pressing a button on the bottom rail, and gently lifting or lowering the rail to the desired height.



## **Pair / Unpair Remote Control To Shade (First step to do before installing the blind into the brackets.)**

**Step 1** : Press & Hold P1 button (about 2 sec) on the motor head until slats jog 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 slats jog x2.

- 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 slats tilt in the desired direction.

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

## **STEPS PERFORMED ONLY AFTER FACTORY RESET**

***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. First pair blind to the remote, then follow steps below.)***

### **Step 1** : Set Upper Limit

- a. Press “Up” button to raise the slats to the closed position, then press “Stop” button when it is in the desired upper limit. (Do not tighten to much or strings with snap.)
- b. Press and hold (about 5 sec) “Up” and “Stop” buttons simultaneously until Slats jog x2, Limit is now set.

### **Step 2** : Set Lower Limit

- a. Press “Down” button to lower the slats to the closed position, then press “Stop” button when it is in the desired lower limit. (Do not tighten to much or strings with snap.)
  - b. Press and hold (about 5 sec) “Down” and “Stop” buttons simultaneously until Slats jog x2.
- If you exit the limit setting status before you finish the limit settings, the motor will take the previous existing limits or stay in programming mode.
  - After you are done setting the upper and lower limit the shade is ready to operate and is in user mode. If shade stays in programming mode then before a factory reset again.

## **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 the Slats jog x1. (Slats should be moving in increments now.)
- b. Use “Up” button to raise the slats 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 the slats jog x2, Limit is set.

### **Step 2 : Adjust the Lower Limit**

- a. Press and hold (about 5 sec) “Down” and “Stop” buttons simultaneously until the Slats jog x1.
- b. Use “Down” button to lower the Slats 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 the Slats jog x2, Limit is set.

## **Add or Remove Additional Remote**

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

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

**Step 3 :** On the New remote control, press and hold (about 2 sec) one “P2” button until the Slats jog x2. Blind is now copied to remote

**\* Repeat the same procedure to remove additional remote control.**

**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 Slats to the desired Favorite position.

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

**Step 3** : Press and hold (about 2 sec) “Stop” button until the Slats jog x1.

**Step 4** : Once more, press and hold (about 2 sec) “Stop” button until the Slats jog x2.

**Action : Send Slats to the Favorite Position**

**Step 1** : Press and hold (about 2 sec) “Stop” button, and the Slats will move to the Favorite position.(You can let go of Stop once the Slats start moving.) If the Slats do not move then the Favorite position was deleted, repeat steps to add Favorite.

**Action : Delete Favorite Position (Repeat the same steps as adding a Favorite.)**

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

**Step 2** : Press and hold (about 2 sec) “Stop” button until the Slats jog x1.

**Step 3** : Once more, press and hold (about 2 sec) “Stop” button until the Slats jog x1.

**Grouping Blinds (Used to have a group of Blinds 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, Slats will jog x1.

**Step 3 :** Press and release (less than 1 sec) one of the “P2” buttons again, Slats will jog 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, Slats will jog x2. Shade will now work on both original channel and the group channel.

\* Repeat the same procedure to remove the blind from the group channel.

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

**Adjust Motor Speed (Used if all Slats are tilting at different speeds, increasing the speed will shorten battery life, and operate louder.)**

**Action : Acceleration Speed**

**Step 1** : Press one “P2” button until the Slats jog x1.

**Step 2** : Press “Up” button until the Slats jog x1.

**Step 3** : Once more, press “Up” button until the Slats jog x2.

**Action : Deceleration Speed**

**Step 1** : Press one “P2” button until the Slats jog x1.

**Step 2** : Press “Down” button until the Slats jog x1.

**Step 3** : Once more, press “Down” button until the Slats jog x2.

\* If the motor has no response on second press of Up or Down, it has reached it's 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 Left corner “ON” position.

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

- Change Slat Direction
- Setting the Upper and Lower Limit
- Adjust Limit

**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 the blinds 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 <b>P1</b> button instructions)



## Motorization FAQs & Programing Videos:

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

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

- 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.