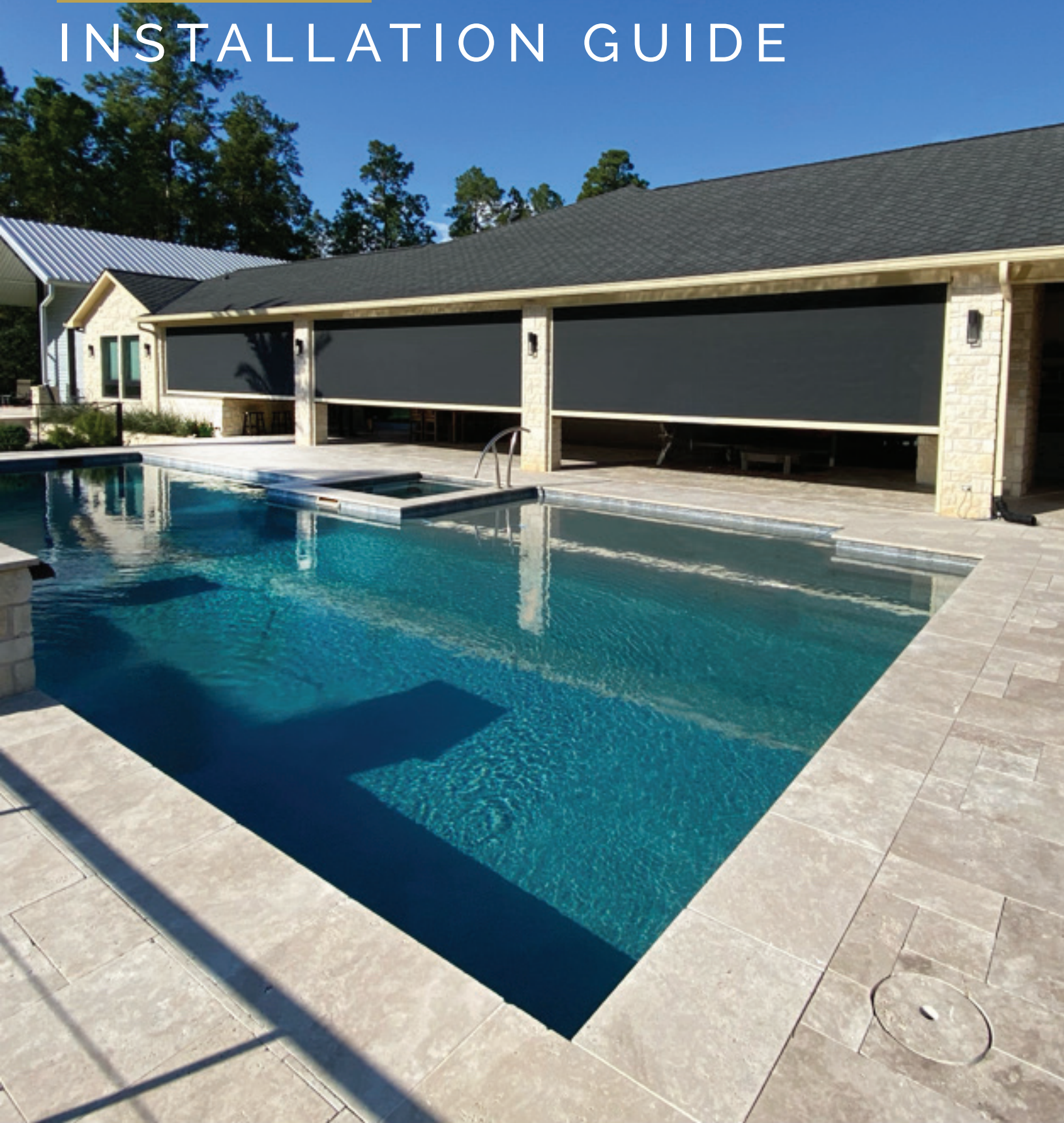


OUTDOOR
SHADE
PRODUCT CATALOG

INSTALLATION GUIDE



RETRACTABLE SOLAR SCREENS

INSTALLATION GUIDE

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TROUBLESHOOTING

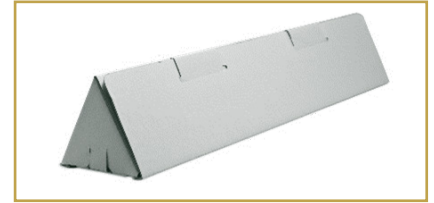
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PREPARATION

Receiving

Your screen is shipped in a triangle box of fanfold corrugate with v-board protectors, integrated end caps, and high-end pop-resistant bubble wrap. If you ordered multiple screens in one order, each box will carry an accessory bag for remotes.



SCREEN IN PACKAGING

When your screen arrives, check for damage. We package our screens to survive harsh handling, but we'd rather you notice any issues right away so we can make things right. Take particular notice of any punctures or apparent forklift damage. If you find damage, take pictures and mark it on the BOL, but please accept the shipment. This ensures a much quicker process for both you and your customer. Contact us via email or phone and we will send you replacement parts right away!

Tools Needed

- 48 " Beam bubble level
- Cordless impactor/drill
- Two-way laser level
- Mounting hardware
- Drill bit
- Driver bit
- 2 ladders
- Caulking/sealant

Site Check

1. Check the measurements and specs of the unit against the site.
2. Assess your mounting surface and ensure that the plane you are mounting to is roughly plumb and smooth. If the surface isn't smooth enough, access where build-out might be required.
3. Determine where you will route the power cable. The sidetracks have an integrated channel to allow you to route the power cable from the housing to the bottom of the screen. The top cap of the surface track also has a designated 'punch-out' area to make it easier to push the cable through the top cap and into the channel. Depending on the power location, it might be necessary to drill a hole in the housing, end plate, or sidetrack for cable routing.



NOTE: Installation of a screen unit requires construction knowledge and diligence to ensure that it is properly and securely attached to the house. Templar Screens will provide general recommendations, but it is the ultimate responsibility of the installer to assess the mounting surface and determine the proper fastener, quantity, and location used.

INSTALLATION

1 Housing

1. Remove the housing cover.
2. Remove the roller tube from the housing.
3. Most of the weight of the unit is held near the two ends of the housing. We recommend two appropriate fasteners within at least 2" of each end plate. Determine where the mounting fasteners will go and pre-drill the housing appropriately.
4. With two people, lift the housing into position.
5. Attach the housing to the mounting surface with one fastener on one side.
6. Place the long-beam level on top of the housing and adjust the housing until it is perfectly level.
7. Attach the housing on the other end and check for level.
8. Hold off on attaching the housing cover, that will come later.

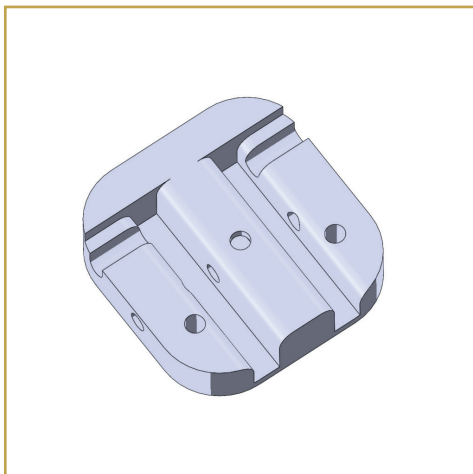


NOTE: It is absolutely critical that the screen unit be installed square, plumb, and level. Otherwise, the fabric will not deploy properly or may bind/wrinkle. Take your time to ensure the housing is level and the tracks are plumb and aligned with each other.

OPTIONAL: Housing Lock Fixture

On larger or high access screens we recommend adding a safety screw as a backup to the snap-fit. Now, each unit comes with two stainless steel screws and a fixture guide to simplify the process.

Below is a brief step-by-step guide to the fixture. See our YouTube channel for a detailed walkthrough.

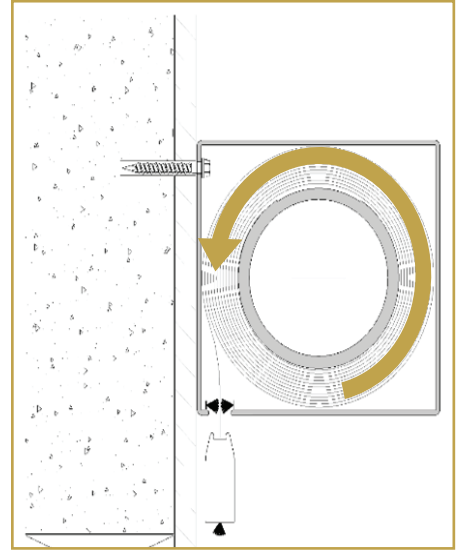


HOUSING LOCK FIXTURE

1. Remove the screws from the fixture and put aside.
2. Choose either the right or left side of the screen to start with. Then, using the square hole in the fixture, slide it onto the stud located in the housing.
3. Using a 1/8" drill bit, drill a hole into the stud using the fixture guides.
4. Now it's time to pre-drill the housing cover. Ensure the housing is oriented correctly relative to the pre-drilled stud.
5. Using the grooves on the housing, slide the fixture onto the end. This will align one of the round holes with the housing.
6. Using the fixture guide, drill a hole into the housing.
7. Repeat above steps for the remaining side of the screen.
8. Snap the housing cover back onto the base. You should now see the pre-drilled holes perfectly aligned.
9. Lastly, fasten the included screws into these holes.

2 Roller Tube/Fabric

1. Attach the fabric panel to the roller tube using the sewn in hook and loop strip.
2. Pay attention to the orientation of the roller tube in the housing and wrap direction of the fabric. (The fabric should deploy from the tube off the back side of the housing)
3. To center the fabric on the tube properly, start at the idler and set the edge of the fabric just barely back from the end of the plastic idler case.
4. Work across the length of the roller tube, keeping the panel tight but not stretched. The other end of the fabric panel should end just under 1/2" from the motor.
5. Roll the fabric up on the tube, ensuring it stays straight and unwrinkled.
6. Remove the ring clip from the motor mount.
7. Slide the idler pin into the idler mount in the housing and push it in to depress the pin, giving you room on the motor head side.
8. Rotate the tube so the red programming button on the motor is visible, align the motor with the bracket and insert the motor into the bracket.
9. Reattach the ring clip to the motor mount, making sure you properly capture the notch on the motor head.



FABRIC ROLL DIRECTION

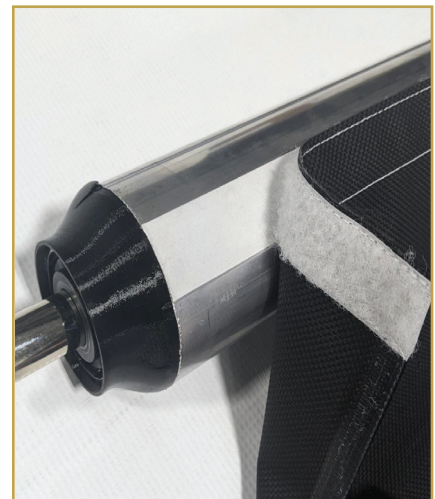
See figures below for further support aligning the fabric onto the roller tube:



IDLER SIDE VELCRO EDGE



MOTOR SIDE VELCRO EDGE



FABRIC ROLL ALIGNMENT

3 Sidetracks

1. Test fit the sidetracks below the housing and determine their required length.
2. With the PVC insert and side track cover still in place, cut the sidetracks to length—always cut the excess off from the BOTTOM end of the tracks.
3. Use touch up paint or clear coat to seal the exposed powdercoat edge at the cut.
4. After cutting, remove the bottom caps from the cut off portion of the sidetracks and attach them to sidetracks that are now the correct length. Remove the side track cover to prepare for drilling.
5. Using the alignment notch in the extrusion, predrill each track for your mounting fasteners.
6. Apply power to the motor and pair a remote (see programming instructions on page 9).
7. Slide both sidetracks into the zipper, ensuring that the zipper is feeding through the guide at the top and into the black PVC insert.
8. Deploy the screen 1/3 of the way down. Align the sidetracks so that the top side of the track is flush with the side of the housing.
9. Mount the top of the sidetrack to the wall or the buildout with your fasteners.
10. Roll the screen most of the way down. Use your level to get the side tracks perfectly plumb and mount the bottom of the sidetracks.
11. Roll the screen up and down to ensure smooth operation and ensure no further adjustments are needed. You may set your limits at this time if you desire to.
12. Once the screen is operational, attach the rest of the length of the side tracks.

4 Finishing Touches

1. Check the motor rotation direction and reverse if necessary.
2. Put the remote into 'step' mode to give you precision control over the motor.
3. Move the fabric to the retracted position, leaving a small gap between the hem bar and the housing. Set the upper limit.
4. Move the fabric to the deployed position and set the bottom limit. The hem bar should be just above the sidetrack bottom caps, not resting on them.
5. Take the remote out of 'step' mode.
6. Route the power cord as necessary. The sidetracks have a 'punch-out' are to make routing the cord from the housing and into the sidetrack cord channel easier.
7. Use exterior caulking to seal any holes you made for routing the power cord.
8. Attach the housing cover to the base. There should be a slight double-snap; the two housings engaging each other and the cover snapping over the end plate pins.
9. Attach the sidetrack covers. Align them properly at the top and smack the track cover firmly with your palm. Work your way down the length of the cover.
10. Wipe down the frame and clean up the job site. You're all done!

You've successfully installed your first Templar Screens system! For troubleshooting and motor programming instructions, refer to pages 7–15. **Need more help? Contact our Technical Sales Rep, Dan, at 716.331.2614.**

TROUBLESHOOTING

1. Hem bar stalls during deployment, but motor keeps spinning.

CAUSE: Tracks could be dirty.

SOLUTION: Check that the tracks and the zipper retainer are clean and clear of debris. Clean the PVC track insert using a dry lube spray.

CAUSE: Tracks not installed properly.

SOLUTION: Manually assist the deployment of the screen to check the gap between the hem bar and the sidetracks on both ends. There should be a gap of roughly 1/8" at all times. Check that the side tracks are not twisted, bent, and are aligned with one another.

CAUSE: Recessed track insert is incorrectly adjusted.

SOLUTION: Use the adjustment screw on each recessed rack to slightly release the tension on the fabric.

CAUSE: Fabric is not centered properly on the roller tube.

SOLUTION: Inside the housing, where the fabric is attached to the roller tube, measure from the inside of the housing to the edge of the fabric. If the gap is different, adjust the fabric velcro attachment to recenter the fabric. Don't just undo one side of the fabric and pull it tighter; disconnect the fabric velcro and begin at the middle.

CAUSE: Not enough weight in the hem bar,

SOLUTION: We calculate the proper amount of weight in the hem bar for each screen size, but sometimes you can add a bit more weight to the hem bar during deployment. It may be necessary to replace the standard hem bar with a tall hem bar.

2. Zipper pulls out of zipper retaining tracks.

CAUSE: Zipper is not feeding properly into the top of the zipper-retainer.

SOLUTION: Check zipper along entire length for any tears or imperfections. Check the zipper retainer gap by inserting a credit card into the opening and sliding it up and down the length of the track. Ensure the housing is level, the tracks are plumb/aligned and that the fabric is properly centered.

CAUSE: Excess wind pulls zipper from tracks.

SOLUTION: Install flat bar stiffener inside bottom inside bottom pocket of hem bar. Install a wind sensor to automatically retract screen. Replace zipper retainer if necessary.

CAUSE: Zipper retainer gap is too large.

SOLUTION: Replace zipper retainer if necessary.

3. Noisy Screen.

CAUSE: Debric in track,

SOLUTION: Clean debris from track using a dry lube. If screen is still noisy, check that the noise is coming from the motor. If so, motor may be defective and need replacement.

4. Hem bar becomes unlevel during retraction.

CAUSE: Fabric has been misrolled on the rube.

SOLUTION: Pull on the higher side of the hem bar at the point where it becomes uneven. This hem bar will lower until the fabric is releveled. At this point, continue retracting the panel up. If it is still not level, lower the screen to the lowest point and retract it all the way back up.

5. Screen stops during deployment and retracts.

CAUSE: Motor is using obstacle detection and has encountered an obstacle.

SOLUTION: Check for any obstacles or obstructions that the screen might be encountering. Remove obstacle or fix the obstruction. If there are no obstructions, the setting on the obstacle detection might need to be adjusted. Consult the programming guide for the motor that was used or call customer service.

6. Fabric has 'hour-glassed' or is narrower in the middle than at the bottom or top.

CAUSE: Tracks or housing are out of square and plumb.

SOLUTION: Check the housing for level and the tracks are plumb. Adjust as needed. If the tracks are not plumb unscrew it from the substrate and deploy the fabric to 6 inches above where you are placing the screw. Reattach the sidetrack to the substrate.

7. Screen fabric is wrinkled or loose.

CAUSE: Fabric has become loose on the roller tube.

SOLUTION: Remove the housing cover with the screen all the way down. Moving from one side to the other, remove and reattach the fabric to the rollertube with the velcro on the fabric. This will remove wrinkles and reposition the fabric.

CAUSE: Tracks or housing are out of square and plumb.

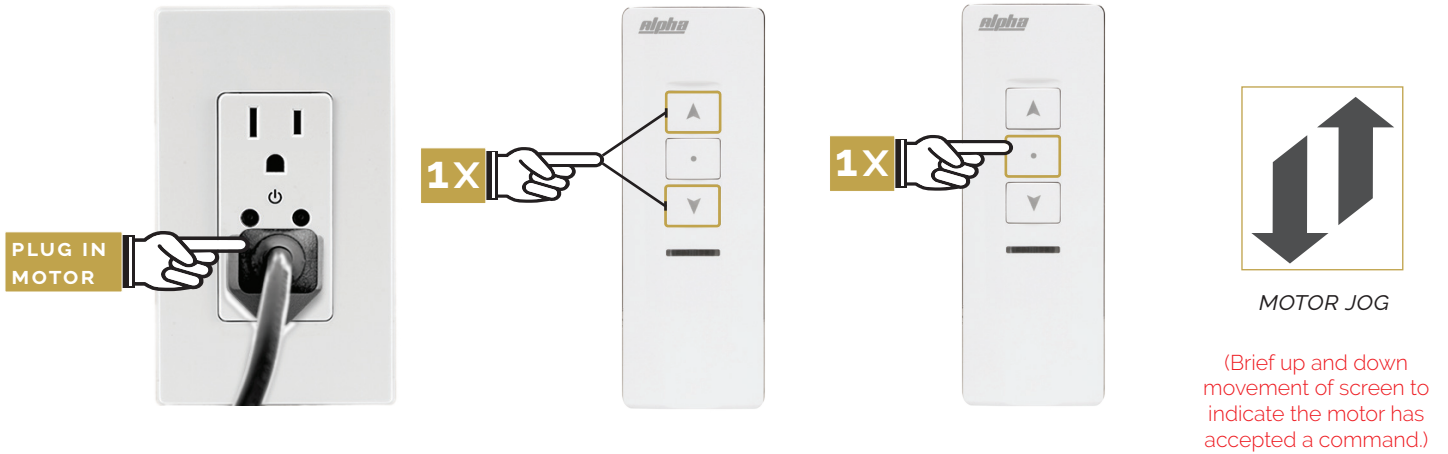
SOLUTION: Adjust the lower limit up so the brush in the bottom of the hem bar is just touching the ground. This will allow the weight of the hem bar to pull the fabric taut.

MOTOR PROGRAMMING - ALPHA

Pairing Remotes - both methods

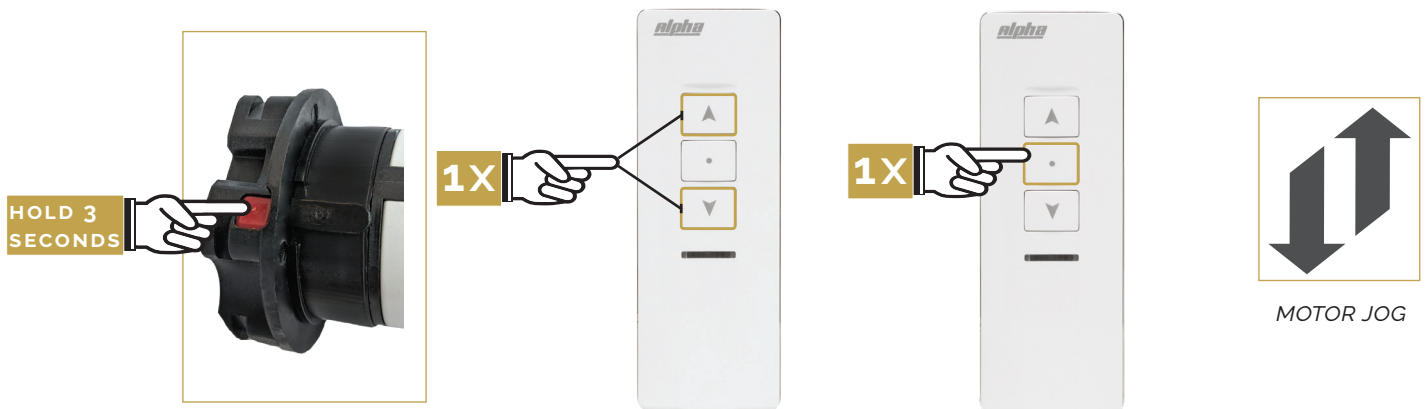
Method 1: Pairing a remote:

*This method only works for the first remote assigned to a motor.



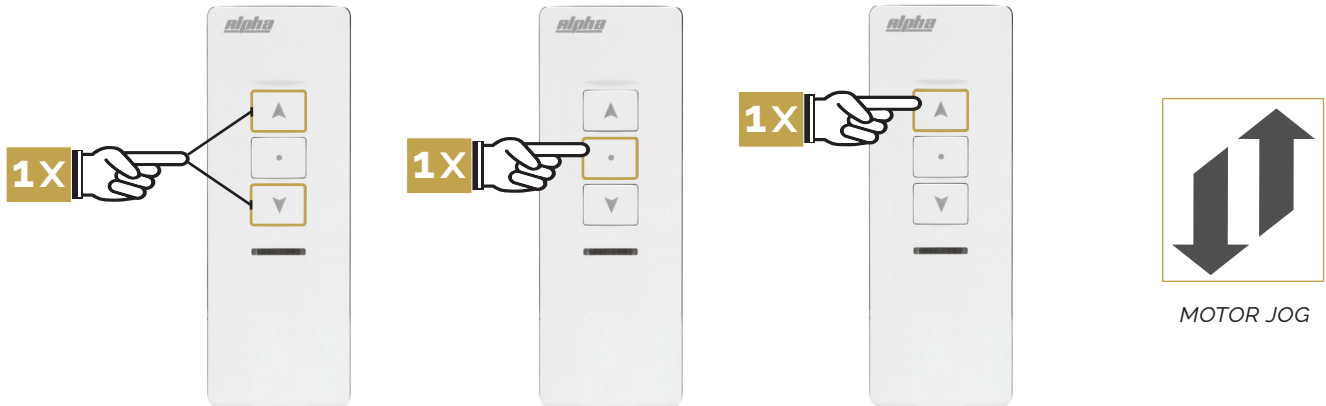
OR

Method 2: Pairing a remote:



Step mode - entering and leaving

1: Entering step mode:

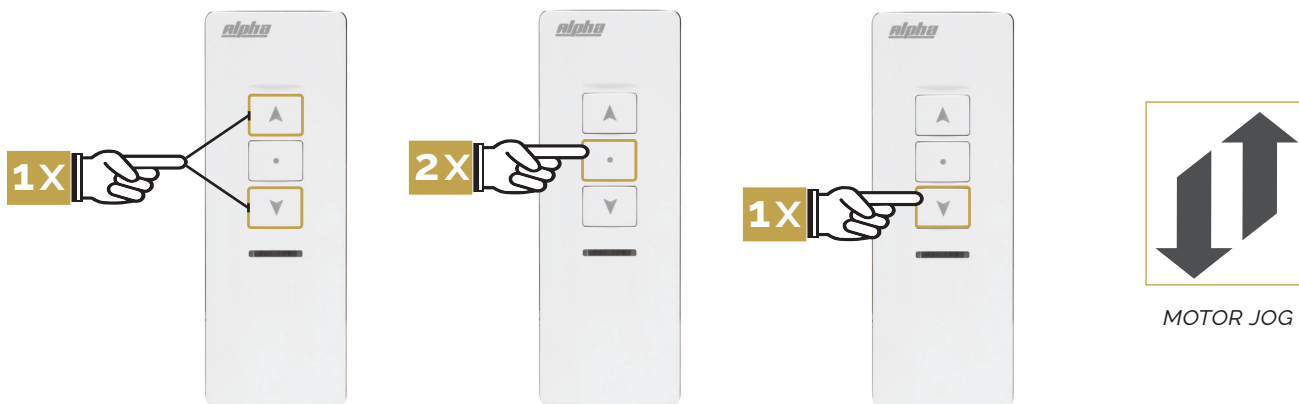


2: Leaving step mode:

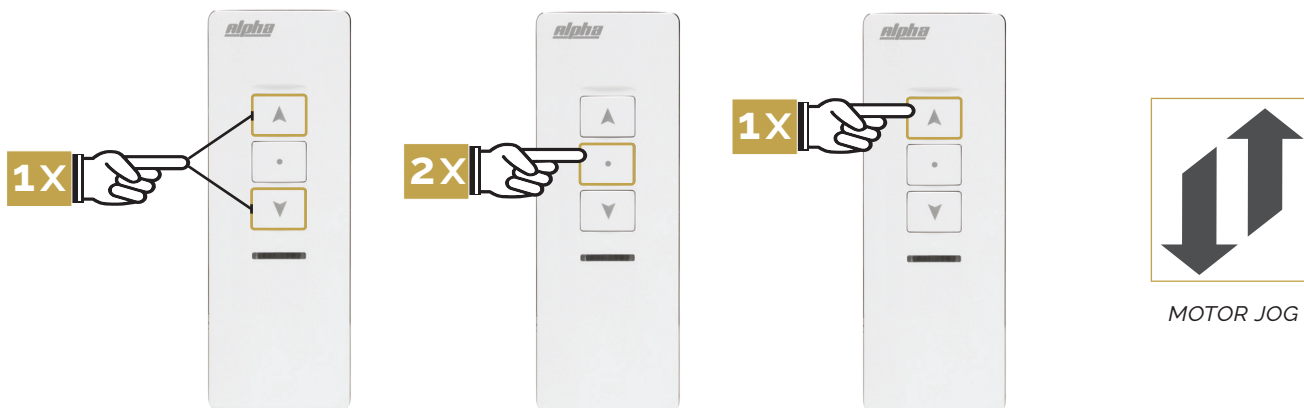


Setting the limits - lower and upper

1: Setting the lower limit:

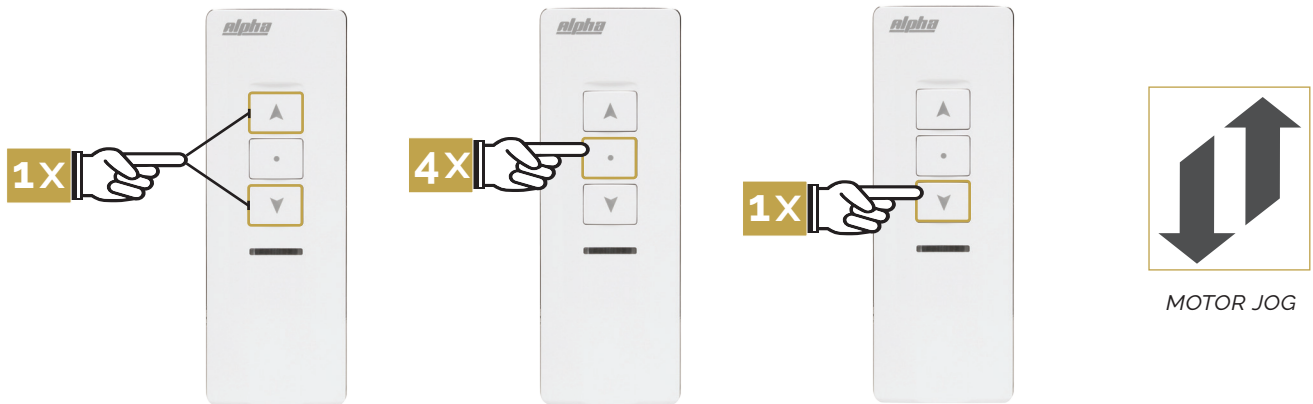


2: Setting the upper limit:

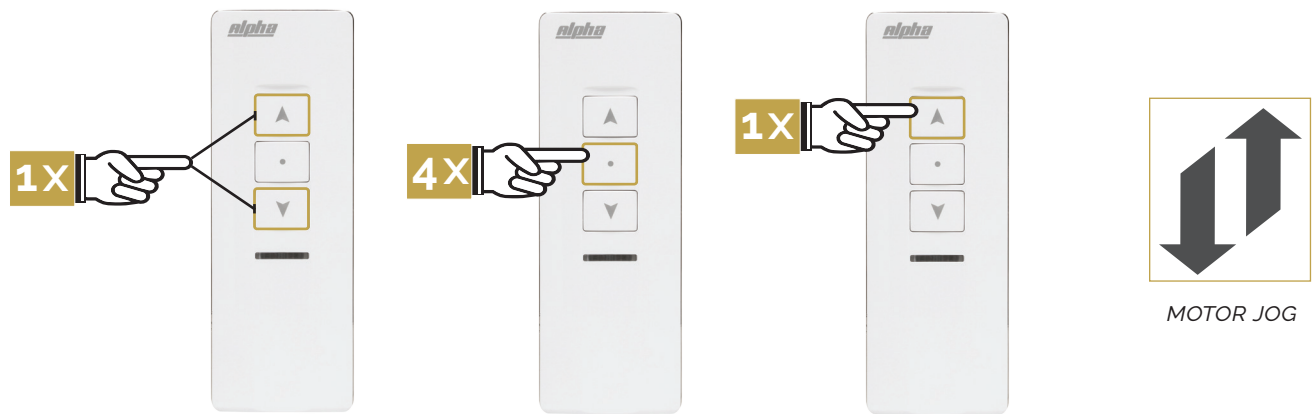


Deleting the limits - lower and upper

1: Deleting the lower limit:

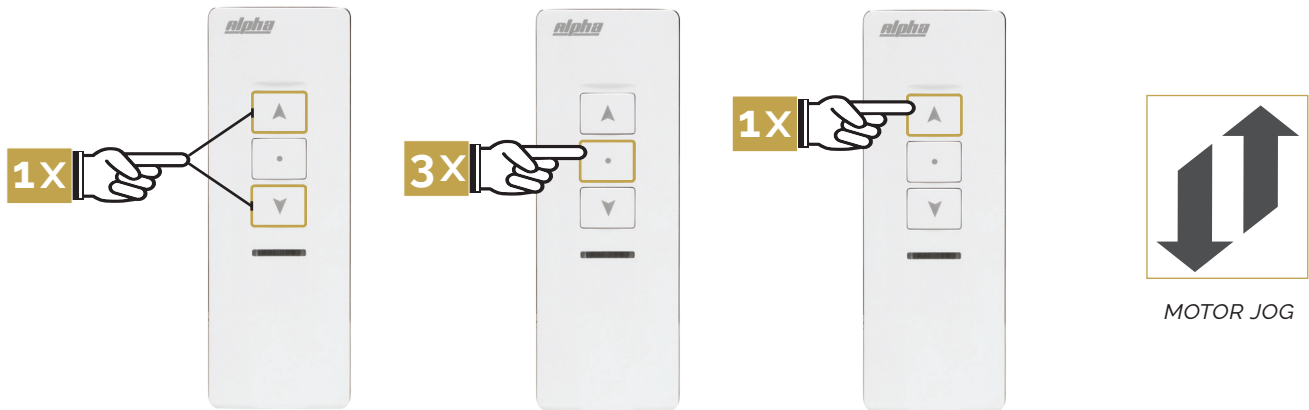


2: Deleting the upper limit:

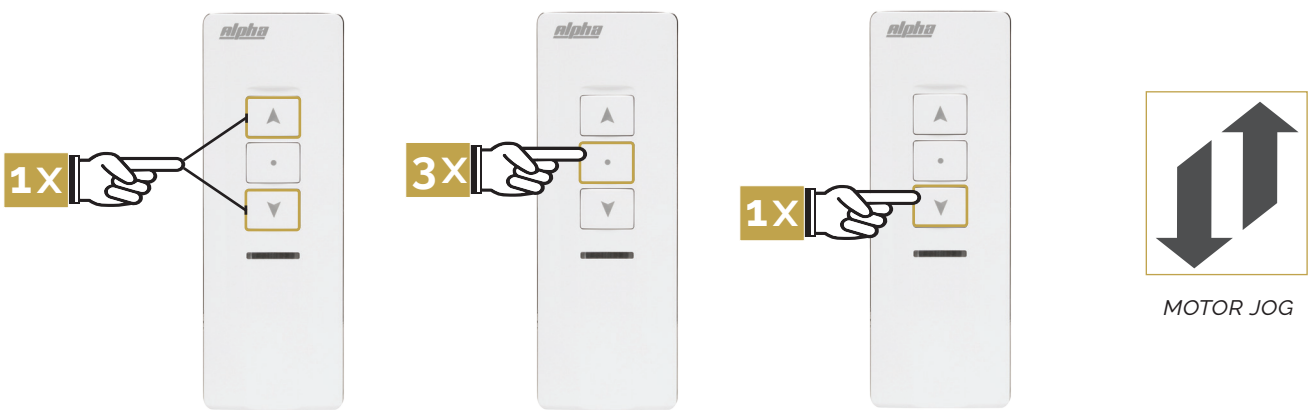


Obstacle Detection - enabling and disabling

1: Turn on obstacle detection:

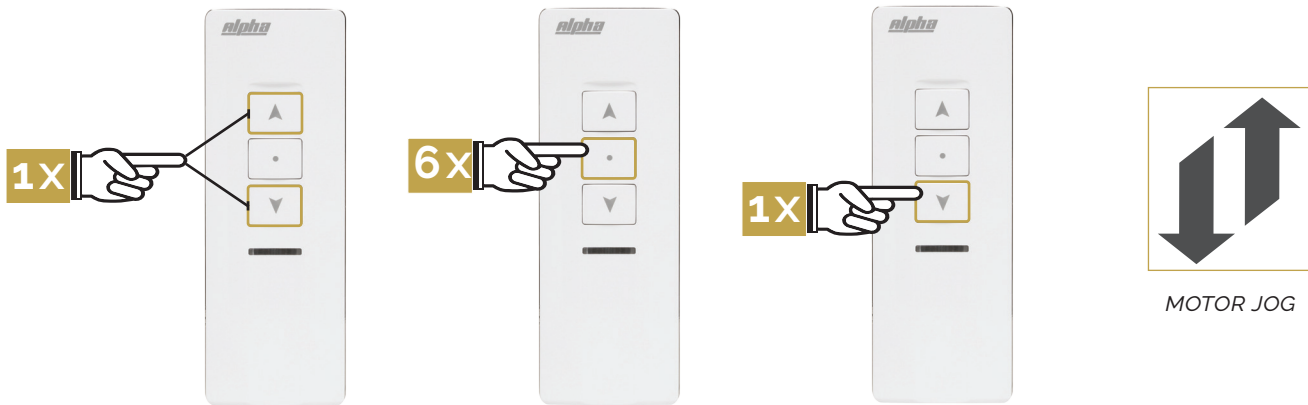


2: Turn off obstacle detection:



Swapping motor direction - both methods

Method 1: Swap direction:



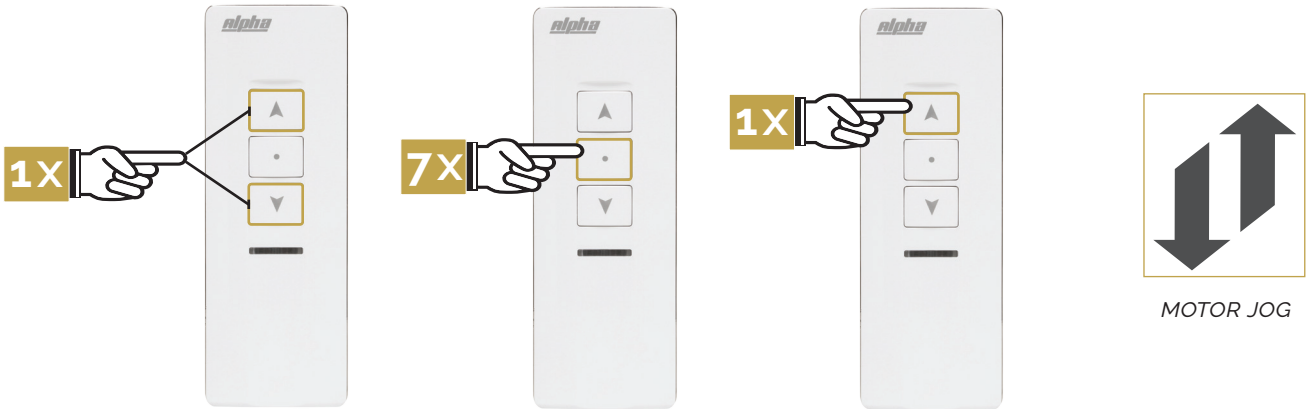
OR

Method 2: Swap direction:



Deleting Remotes - both methods

1: Deleting a remote:



2: Deleting all remotes:

