

SmartScreen Motorized Recessed
4" and 5" Roll Tube
Comprehensive Instructions

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Recommendations & Resources

1. Read these instructions before first installation.
2. Bookmark these instructions and print copies to have on hand.

Technical info

www.wizardscreens.com/technical in “SmartScreen Motorized” table

3. Learn about the **Somfy Maestria 500 motor**

Quick guide: [Maestria Programming Visual Quick Guide](#)

Video: [Maestria Quick Guide - Manual Limit Adjustment](#)

Training Portal: https://www.somfy.com/users/sign_up

DO NOT PROCEED WITH INSTALLATION BEFORE DOING THE ABOVE.

4. Call **1-888-949-3667**
 - a. to schedule an installation training session if deemed necessary
 - b. if problems arise during installation
5. Wizard Ordering Portal
<https://portal.wizardscreens.com/>

Preliminary Planning

**Maintain steady communication with both builder and homeowner during the installation process to ensure nothing changes in regards to where and how the u-channel and brackets will be installed, that the cavity remains clear in the specified minimum dimensions, and that there is space for a removable access panel (if applicable).*

Collaborate with the architect and builder about the opening and cavity dimensions.

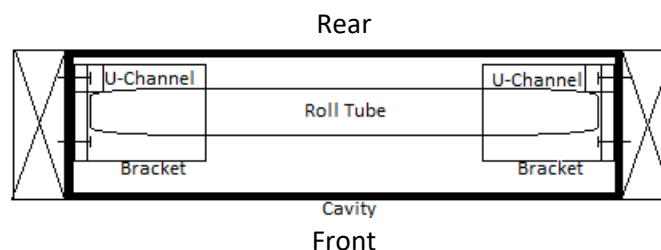
- 1) Note the planned opening sizes (L x W).
- 2) Determine the roll tube and motor sizes.
 - i) Roll tube sizes
 - (1) Openings **narrower than 22'** and **lower than 12'** require a **4" roll tube**.
 - (2) Openings **22' and wider** and/or **12' and higher** require a **5" roll tube**.
 - ii) Motor size
 - (1) **4" roll tube** → **Somfy 525 motor**
 - (2) **5" roll tube** → **Somfy 550 motor**

***NOTE:** The size of the motor and roll tube will affect the speed at which the screen rolls up and down.

- 4" roll tube with a 525 motor will roll faster than a 5" roll tube with a 550 motor.
- It is possible to match roll tubes and motors on a multi-unit project so that all the screens roll at the same speed.

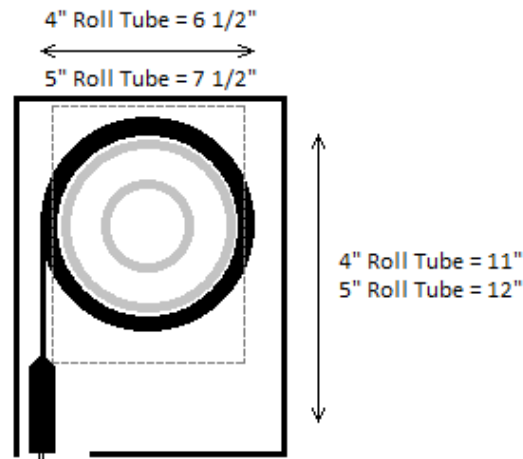
I.e.: If measurements of an opening permit a 4" roll tube with a Somfy 525, a 5" roll tube with a Somfy 550 can be opted for instead to match other openings that require the larger size.

- 3) Establish cavity dimensions.
 - i) Brackets, roll tube, screen, slide bar, motor, and pivot are encased inside the cavity when retracted.



ii) Minimum cavity dimensions

Roll tube size	Minimum dimensions allowed	
	Depth (front-to-back)	Height
4" roll tube	6 ½"	11"
5" roll tube	7 ½"	12"



- iii) The cavity height should not be so tall that the positioning of the brackets and roll tube is difficult to reach and install. Components should be easily accessible.
- iv) The interior of the cavity must remain clear of any gas, water, air or power conduits, and any building finishes to ensure enough space for installation of the roll tube and screen material. **The function of the screen must be unimpeded.**
- v) If concealment is desired, a **removable access panel** may be installed after the unit install is complete.

* **Unit must be removable and serviceable.**

- (1) The removable access panel can be installed on the front of the cavity opposite from where the screen rolls off the tube *or* at the base of the cavity.
- (2) Access panel should be as wide as the total width of the unit (including brackets).

***Note: Removable access panels are the responsibility of the builder to design, supply, and install once screen installation is complete.**

4) Additional Considerations

- i) Humps or dips in the floor cannot be accommodated.
- ii) Units wider than 250" and all units with clear vinyl screen will require the double idler system rather than the standard pivot.
- iii) Neither the pivot nor the double idler system will affect the dimensions of the unit.
- iv) Motors require **110v** and pull **1.6 amps** per unit.
- v) Outlet should be located as close to the motor side as possible while not impeding the functions of the unit.

Measurements

Min width = 3'

Max width = 30' (25' for Vinyl)

Max height = 23' (16' for Vinyl)

1) Tools

- a) Pencil or marker
- b) Tape measure
- c) 2-way line laser
- Optional:
 - d) Laser distance measure

2) Determine unit dimensions and establish end marks.

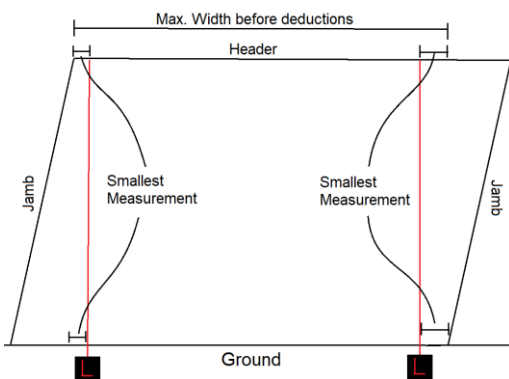
*****Consider that rough framing is almost never perfectly plumb, level, and square. The installed motorized system must maintain these three attributes for a screen to operate well.*****

a) Width

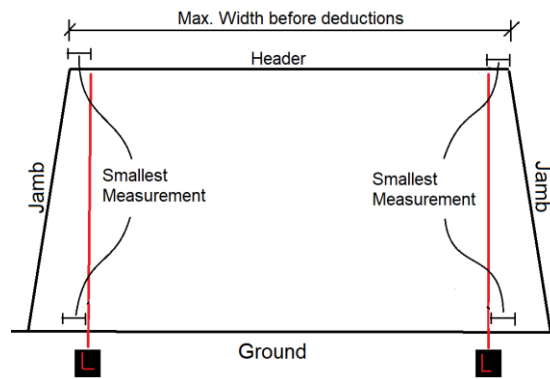
- i) Turn on the 2-way laser **vertical function** and set an arbitrary distance from the jamb (e.g., 12"). It should be fairly square if it is a line laser.
- ii) Measure multiple points along the height from the laser to the jamb and record the **smallest measurement**.

***These examples are exaggerated for illustration purposes.**

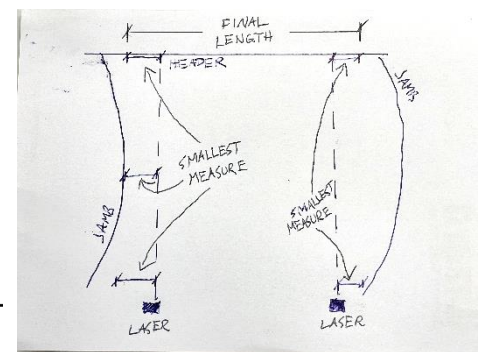
Case 1



Case 2



Case 3

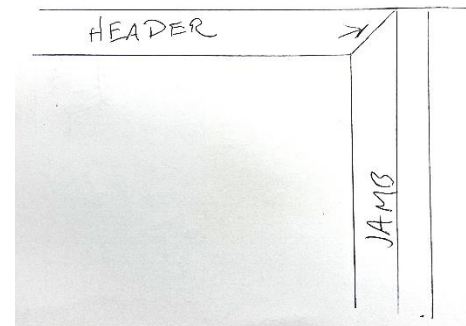
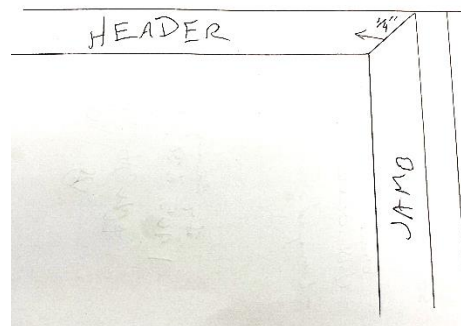
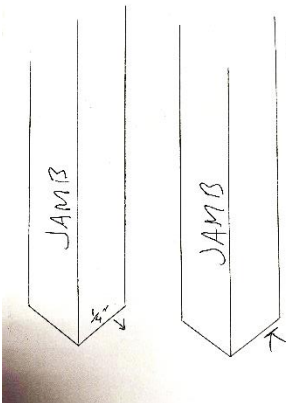


- iii) At the top and bottom, establish marks with **smallest measurement** from plumb laser line. This is where the backsides of the u-channels and brackets will align.

EXAMPLES

Bottom

Top



- iv) Repeat on other side.
- v) Measure between these marks and record this **final order width dimension**. (Top and bottom measurements should be identical. Just use bottom measurement).

***NOTE: The total width includes the brackets.**

b) Height

- i) Elevate the 2-way laser (i.e., tripod, telescoping pole, etc.) at an arbitrary height and turn on the **horizontal function**.
- ii) Measure multiple points from the **laser to the header** and record **the smallest measurement**.
- iii) At both ends, establish marks on jambs using **smallest measurement** from horizontal laser line. This is where top of brackets will align.
- iv) The **final order height dimension** does not need to be precise. Measure from the **rough header to the ground at lowest point** and record.

*****These are the preferred methods to ensure plumb, level, and square.*****

3) Special bottom slope accommodation (i.e., sloped patio)

- a) A **max. 1 1/2" bias** can be built into the mesh between the heights at the extreme left and the extreme right sides of the unit.
 - i) Elevate the 2-way laser and turn on the horizontal function.
 - i) Measure from the laser to the ground at both sides and record the difference between high and low sides.
- b) Humps or dips in the floor cannot be accommodated.

At this stage, it is recommended to temporarily screw nominal 2 x 2 lumber on edge where the u-channels will go. Then other trades may work around it.

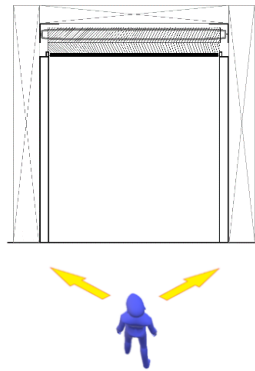
Ordering Process

Determinations

- 1) Color(s) of:
 - a) tracks, track clips, u-channels, slide bar, zipper, and vinyl border.
- 2) Type of slide bar bottom seals
- 3) Screen type
 - a) Insect, Solar, and Privacy screens
 - i) Due to restrictions of the max roll width sizes, two pieces of mesh may need to be welded together horizontally, causing a seam.
 - b) Clear vinyl
 - i) Includes a colored border surrounding the clear vinyl on 4 sides.
 - i) The minimum dimensions of the borders are 8" on both left and right sides, 12" on the bottom, and 12" on the top between the roll tube and clear vinyl when fully unrolled.
 - ii) Border color options are black, white, and beige.
 - ii) Clear vinyl comes in 50" x 100" width rolls, so several panels may need to be welded together side-by-side to accommodate a width and a vertical seam(s) will be visible.
 - iii) If the clear vinyl height is greater than 100", the remaining height is finished with the border material, even if it is greater than 12".
 - iv) The extra border material can also be added above the slide bar rather than between the roll tube and the top of the clear vinyl, depending on the homeowner's request.
 - v) When choosing clear vinyl, a drawing showing the dimensions of the clear vinyl and the border will be sent to you for approval. **Manufacturing the vinyl will commence only upon Wizard's approval of the drawing.**
 - vi) Manufacturing clear vinyl requires an extended lead time.

The latest offerings are on the [Wizard online portal](#).

- 4) Motor location
- Imagine the unit is in place. Position yourself to look at the opening **towards the screen rolling away from you.**
 - The motor in the roll tube can be located on either the left or right side of the roll tube.
 - Select a side closest to where the outlet is or will be placed.
- * The units come with a 10' power cable. 24' power cables are available upon request via portal.



Considerations:

- Motors need 110v and pull 1.6 amps per unit.
- Outlet should be located as close to the cavity as possible while not impeding the functions of the unit, **outside of the area where the brackets will be located.**

5) Motor and roll tube sizes.

Roll tube size	Motor size	Dimensional thresholds of opening	
		Width	Height
4"	Somfy 525	Less than 22'	and less than 12'
5"	Somfy 550	22' or greater	and/or 12' or greater

***NOTE:** If the project has multiple openings of varied sizes, and some require the larger size unit, consider the **screen retraction speed.** A 4" roll tube with a 525 motor will retract *faster* than a 5" roll tube with a 550 motor.

- It is possible to use the same size roll tubes and motors on a multi-unit project so that all the screens roll at the same speed. Order the larger roll tube and motor.

6) Remotes

Type and number of remotes necessary:

- Somfy offers 1, 5, and 16 channel remotes:
 - 1 unit = 1 channel remote.
 - 2 - 5 units = 5 channel remote.
 - 6 - 16 units = 16 channel remote.
- Consider how you'll program the remotes:
 - For multi-channel remotes, each screen can be programmed onto a separate channel.
 - If there is a spare channel on a multi-channel remote, all the screens can be added to that empty channel to allow movement of all the screens at once.

- c) The effectiveness of remotes is subject to:
 - i) Distance (**should be within 30'**)
 - ii) Physical obstructions (i.e., concrete, wood, drywall, windows, etc.).
 - iii) Wired and wireless devices (i.e., refrigerators, wifi extenders, etc.)

*Multiple remotes may be necessary.

7) Optional accessories

- a) Somfy myLink
 - i) Converts the home's Wi-Fi to RTS (Radio Technology Somfy®) that the motors can read.
 - ii) Allows for control of the screen through an app on a smartphone.
 - iii) Allows for third party home automation integration.

*The myLink must be located both **within the Wi-Fi hot zone** and **within 30' of the motorized screen**.
- b) Somfy Repeater
 - i) Increases the distance a remote signal can reach by another 30'.
- c) Somfy Sun Control
 - i) Can be set to control the motorized screens based on how much sun it detects.
- d) Somfy Wind Control
 - i) Can be set to control the motorized screens based on how much wind it detects.

***Note:** for Somfy wind and sun control options – using these accessories can cause the screen to be in motion without it being checked for debris or damage prior to the screen being in motion, which can lead to new or further damage. Customer would have to use at own risk.

*All SmartScreen Motorized units use Somfy 500 series motors with obstacle detection.

Wizard Portal Orders

Place the order using the information gathered during the measuring process.

1) First Order

- a) U-channel and brackets should be ordered and installed **prior** to the roll tube, screen, slide bar, and tracks being measured and ordered. The benefits for doing so are as follows:
 - i) Once the u-channel is in place, the post/jamb finishes can be installed by builder.
 - ii) The installed u-channel and bracket will help confirm previous measure of the final unit dimensions.
 - iii) You can ensure the cavity is the correct dimension prior to placing the final order.
 - iv) The space of the u-channels' and brackets' future placement will remain clear.
- b) In [Wizard's ordering portal](#), specify the following:
 - i) The length and color of u-channel
 - ii) Size of mounting brackets

- (1) 5" brackets → 4" roll tube
- (2) 7" brackets → 5" roll tube

2) Second Order (after u-channel & brackets installation – see pages 13 to 14):

- a) Check the inside-to-inside measurement of the u-channels at the top, middle, and bottom. They should all be the same. **This measurement + 3/8" (2 u-channel thicknesses) is the width of the unit.**

- b) In [Wizard's ordering portal](#), specify the following:
 - i) Length of unit
 - ii) Size of roll tube
 - iii) Type and color of screen
 - iv) Which side motor goes on
 - v) Length of power cord
 - vi) Type and number of remotes
 - vii) Bottom seal
 - viii) Special requests
 - (1) Seam location
 - (2) Track clip screws
 - (3) Variance in height between left and right side
 - (4) Accessories

It is permissible to order everything at once if you trust your measurements to save shipping costs.

Field Preparation

1) Tools Required:

- a) 3/8" cordless drill
 - b) ¼" hex driver bit
 - c) #2 Phillips driver bit
 - d) 3/8" drill bit (10"-14" long)
 - e) 3/16" drill bit
 - f) 1/8" drill bit
 - g) 3/8" hammer drill
 - h) 3/8" concrete drill bit (10"-14" long)
 - i) Concrete drill bits for 3/16" or ¼" concretescrews
 - j) Small flat and Phillips head screwdrivers
 - k) 2' spirit level
 - l) 2-way laser level (point, line, or combo)
 - m) 25' tape measure
 - n) Scissors
 - o) 9 in 1 painter's tool
 - p) Needle nose pliers
 - q) Duct tape
 - r) Dry silicone spray
 - s) 3 prong electrical plug (1 per motor)
 - t) Caulking gun with desired color caulk
 - u) Chop saw with non-ferrous blade
 - v) Concrete, metal, or wood fasteners (minimum 2" long)
 - w) #6 ½" Tek screws (for recessed track clips)
 - x) **Determine what material the components will be fastened to (e.g. lumber, metal, plywood, etc.).** Then decide what other fasteners will be necessary.
**drill and fastener bits may be adjusted to suit different types and sizes of fasteners to be used*
- Optional:
- y) Laser distance measure

2) Contents of Shipments

- a) First shipment:
 - i) U-channel (x2)
 - ii) Brackets (1 motor end with both crown and c-ring; and 1 pivot end)
***DO NOT LOSE THE C-RING. LEAVE IT ON CROWN.**
- b) Second shipment (after above is installed):
 - i) Roll tube, motor, pivot (or double idler system), screen

- (1) Screen will be wrapped around the roll tube and wrapped in plastic.
 - (2) Motor and pivot will be in the tube.
 - (3) 10' power cord will be attached to the motor.
 - ii) 24' power cord (if ordered)
 - iii) Slide bar with bottom seal attached
 - iv) Tracks (x2) with track clips attached
 - v) Remote(s) (if ordered)
 - (1) With multiple units, the remote will be packaged with one of the units.
 - vi) Probes (x2)
- 3) Package and unit visual inspection
- a) If the **packages are damaged**, the **unit may still be free of damage.**
 - b) Be careful when unpacking contents (Step 4).
 - c) Report any potential damage to Wizard Screens immediately with pictures.
- 4) Unpackaging
- a) Place the package(s) on a flat surface.
 - b) Remove packaging from rolled screen. **DO NOT CUT SCREEN.**
 - c) Remove roll tube, screen, pivot, and motor.
 - i) Do not tilt roll tube motor end down.
 - ii) Place the roll tube and motor on a flat surface in a safe place.
 - d) Cut the tape that holds the packaging material that is wrapped around the slide bar and tracks.
 - e) Remove the plastic tubing from the slide bar and tracks.
 - f) Set the slide bar, tracks, and track clips aside.
 - g) If there is visible damage, report to Wizard Screens immediately with photos.

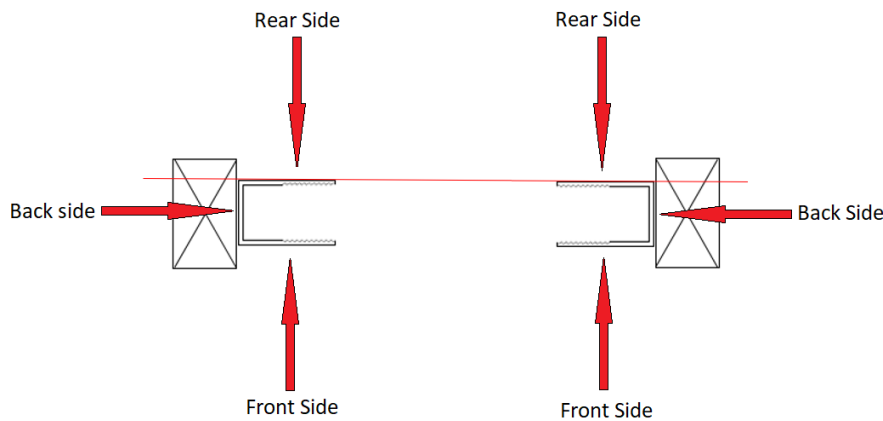
****Follow these steps for the initial and secondary orders.***

Installation

*Motorized screen installations require a **minimum 2 people**. Plan accordingly.

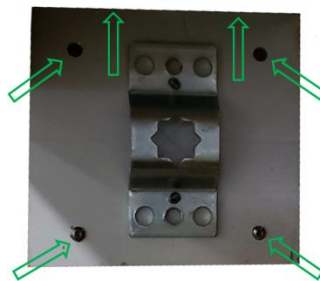
Install U-Channel and Brackets (prior to placing second order)

***FIRST: Consider both sides may not be perfectly identical heights.** On each jamb/post, label one "A" and another "B" as identifiers to be matched with each extrusion cut.



- 1) Brackets
 - a) Fasten the brackets to the rough header and/or to the rough jambs.
 - b) **Mount them in line with the marks you established during the measuring process (See "Measurements Step 1")**, ensuring the **brackets are square and level**. Use shims if necessary.
 - c) Bracket should be **½" away** from Rear of Front Side to allow mesh clearance.

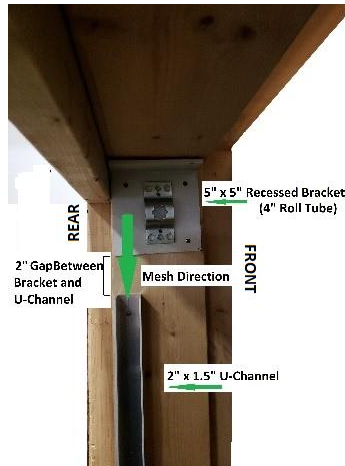
Directions bracket can be fastened



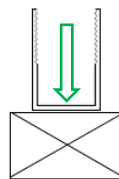
****NOTE:** The brackets can be **oriented** with the L shape being **upwards** or **sideways**.

- 2) U-channels
 - a) Measure, cut, and pre-drill u-channels
 - i) Start with one u-channel: Measure from the **ground/low point** to the **bottom of the bracket**, then **SUBTRACT 2"**. Mark on the u-channel.
* U-channel will be about **2" shorter than brackets**, hence the 2" deduction
 - ii) Cut the u-channel.

- iii) Dry fit to check.
- iv) Pre-drill holes through the back of u-channel every 18" – 24".
- v) Label appropriately "A" or "B".
- vi) Repeat with the other u-channel.



- b) Fasten the u-channels
 - i) Turn on the 2-way laser's vertical function and face towards jamb "A" or "B". Align the laser with the rear side of the bracket. Mark at a few locations on jamb.
 - * The u-channel's rear side aligns with the bracket's rear side.
 - ii) Move laser to face opening and set an arbitrary distance from u-channel (i.e., 12").
 - iii) Fasten the u-channel onto the jamb from the top down while aligning **rear side** to marks. Tape measurement reading to laser should be the same as you go down. Preferably shim where necessary.



- iv) Repeat for the other u-channel.

***NOTE:** In the event you temporarily placed the lumber, and the surrounding areas have been finished by other trades, shims are not critical. **So long as the pilot holes are small enough and the fastening screws large enough to bite.**

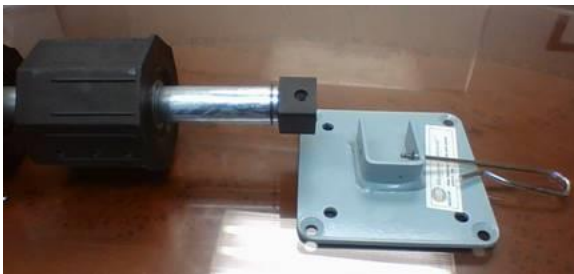
- c) Other considerations:
 - i) U-channels must be plumb both laterally (side-to-side) and back-to-front.
 - ii) U-channels must be parallel with each other; equal distance apart along the height.

If returning to complete install another day, it may be necessary to temporarily put ripped, filler lumber in the u-channels to prevent other trades from squishing the flanges. I.e. Heavy stone cladding.

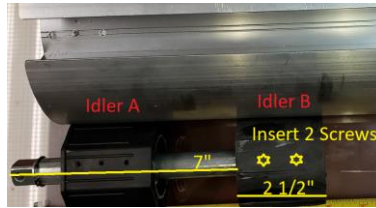
Install the Rolled Screen, Slide Bar, and Tracks

- a) Standard system
 - i) Insert the pivot into the corresponding bracket and compress.
 - ii) Move the motor end of the tube to line up with the crown on the corresponding bracket.
 - (1) Before inserting, ensure the cord faces down. This “drip loop” will wick moisture away from motor.
 - iii) Align the shape on the motor with the corresponding shape of the crown and connect the motor to the crown.
 - (1) A distinctive “click” indicates secure placement. This is the C-ring securing the roll tube to crown.
***DO NOT LOSE THE C-RING.** Should the screen be temporarily removed and rescreened or serviced, you **must first remove the C-ring** using needle nose pliers. Set aside in a safe place. Put back onto the bracket’s crown before re-establishing the rolled screen – must be in!
 - iv) Loop the power cord around the motor.

- b) Double idler system
 - i) Unroll the screen material from the tube.
 - (1) Be careful not to damage the screen.
 - (2) Ensure the screen zipper does not move out of the tube.
 - ii) Insert the pivot cap into the end cap and pin onto the bracket using the provided cotter pin.
 - (1) Ensure the holes line up.
 - (2) Cotter pin fits upwards.



- iii) Move the motor end of the tube to line up with the crown on the end cap, making sure the idler does not come out of the tube.
 - (1) Before inserting, ensure the cord faces down. This “drip loop” will wick moisture away from motor.
- iv) Line the shape on the motor to the corresponding shape of the crown and connect the motor to the crown.
 - (1) A distinctive “click” indicates secure placement. This is the C-ring securing the roll tube to crown.
***DO NOT LOSE THE C-RING.** Should the screen be temporarily removed and rescreened or serviced, you **must first remove the C-ring** using needle nose pliers. Set aside in a safe place. Put back onto the bracket’s crown before re-establishing the rolled screen – must be in!
- v) At the double idler end, measure and install locking pins to ensure the tube does not shift.
 - (1) Measure 7” from the front end of the shaft to find Idler B, add ½”, and insert 2 screws into any of the roller tube’s three channels to secure Idler B to the roller tube.



- vi) Loop the power cord around the motor and pull through the opening drilled earlier.
 - (1) If the outlet is towards the bottom of the screen, the cord can hang straight down.
 - (2) A 3/8" hole may need to be drilled into the u-channel to pull the power cord through.

c) Attach plug

- i) Cut the cord to desired length.

***IMPORTANT** – The antenna is inside the cord in the first 18" from the motor – **do not cut this region.**

- ii) Attach the 3-prong plug to the wires at the end of the cord.
- iii) Using a Phillips screwdriver, attach the white wire to the silver tab, the green wire to the green tab, and the black wire to the bronze tab.

- iv) Screw plug cover shut.

- v) Plug into outlet.

** Plug designs may be different. Follow plug instructions.*

2) Program the motor

Refer to [Somfy's Quick programming guide](#) (1 & 4)

3) Install slide bar

- a) Lower the screen to where you can comfortably feed the slide bar along the zipper.
- b) Feed the zipper into the rounded groove of the slide bar, then move the slide bar along until it is centered with the screen. One person holds the screen while feeding the bar, the other balances the bar.
- c) Attach the probes
 - i) Starting on one end, loosen the 2 screws on both probes with a Phillips screwdriver (do not remove completely).
 - ii) Fit the probe into the end with the screws facing out.
 - iii) Position the screen tabs in the probe's slot. Probe should be 1/16" from tab stitching.
 - iv) Tighten both screws fully.
 - v) Repeat on other side
- d) Flush bottom seal up with one end of the slide bar and cut off excess material on the other end.
- e) Cut the remaining zipper so that it is level with the bottom seal at both ends of the slide bar.
- f) Return the screen to the upper limit.
 - i) Guide the zipper so that it stacks well.

4) Tracks

a) Measure and cut tracks

- i) Measure the height of mounted u-channel on side “A” or “B”.
- ii) Label appropriately “A” or “B”.
- iii) Measure from the track’s beveled end (top) towards the flat end (bottom) and **ADD 1”** then mark.
- iv) Cut the track.
- v) Repeat for the other track.

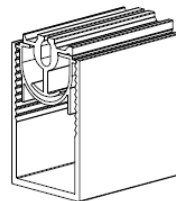
b) Install the tracks

- i) Fully lower the screen.
- ii) Position roll tube to where you can measure from the *bracket to the zipper* and record.
- iii) Raise the screen close to top limit, ensuring the zipper stacks neatly – no telescoping.
- iv) Starting with one track, feed the zipper into the track guide on the beveled end.
- v) Click the top of the track into the u-channel at the earlier recorded distance, measuring from *bracket to track zipper guide*. This should be where the zipper lies.

***Doing it this way will help prevent telescoping, prevent unzipping, and permit zipper to stack neatly.**

- vi) Repeat steps iv & v for the other track.

***NOTE:** Do not push tracks too far into the u-channel. Otherwise, zipper may come out or get damaged during operation. Ere the track more towards the zipper than away from.



- vii) Push track at remaining clip locations into the same grooves as above. You may also check with a laser level.
- viii) Send screen down to each clip location. Screen should have trampoline-like bounce when tapped on.

(1) If the screen is:

- (a) too *loose*, push the tracks further into u-channel equal amount to each other.
- (b) too *taut*, pull the tracks further out of the u-channel equal amount to each other with a 9-in-1 painter’s tool. (Temporarily removing a clip screw may ease this).

***NOTE: Be especially careful at the top clips.**

- ix) Raise the screen fully. Watch the zipper on the roll tube that it stacks well and does not telescope.
- x) Spray silicone inside the tracks’ zipper guides.
- xi) Lower and raise the screen fully to finally test.

See Appendix I for Troubleshooting

5) Screen Bias

If the screen was cut to accommodate a bias and the slide bar is not level at the upper limit:

- a) Set the screen to the lower limit.
- b) Cut five 10" strips of duct tape.
- c) Stack the 10" strips on the roll tube (or screen if the roll tube is not visible) on the side where the screen is longer/higher than the other.
 - i) Strips of tape must be placed lengthwise from the edge of the roll tube/screen.
- d) Raise the screen to the upper limit and check slide bar for level.
- e) If necessary, add or remove one tape strip at a time until the slide bar is level at the upper limit.

6) Double check the upper and lower limits.

Refer to [Somfy's Quick programming guide](#)

7) Repeat above steps for each recessed screen remaining on project.



Homeowner Training

- 1) Operation
 - a) Demonstrate screen operation. Press “up” to send the screen up. Press “down” to send the screen down.
 - b) Ask, “Would you like the screen to stop at a certain location in between as well?”
Should they answer, “yes”, program the “My” button to stop at certain location.
 - i) Position the slide bar at their preferred location.
 - ii) Hold the “My” button until it jogs.
 - c) Obstacle detection is *on* by default. Explain and demonstrate the “obstacle detection”. Increase the sensitivity if deemed necessary.
- 2) Assurances
 - a) Any creases and much of the puckering that may be seen after screen installation will disappear over time as the screen hangs down.
 - b) In the unlikely event the screen settles down too much, the customer may follow up with you. Arrange a return date to adjust the limits.
- 3) Warranty
 - a) Make the homeowner aware of your company’s warranty and/or Wizard’s warranty.
 - b) Preferably have printed copies available to give.

Cleaning and Maintenance
SEE “DO’S AND DON’TS” NEXT PAGE

Wizard Motorized SmartScreen

Do's & Don'ts

DO 	DON'T 
<p>Clean mesh with soft cloth and mild detergent</p>	<p>Vacuum mesh. The vacuum head could catch on and rip the mesh</p>
<p>Use silicone spray to lubricate the tracks</p>	<p>Use WD-40 or other degreasers. Those will clog the tracks</p>
<p>Leave the mesh stationary if it is windy. The mesh designed to withstand winds between 60 and 80 mph (depending on size & installed location)</p>	<p>Move the mesh if windy. There is a high likelihood that moving the mesh in the wind will cause more damage than the wind itself</p>
<p>Retract the screen when not in use</p>	<p>Use the screen solely as a wind breaker</p>
<p>Call your local Wizard dealer if there is an issue</p>	<p>Try and fix an issue yourself as that could cause an issue that would void the warranty</p>

Appendix

I. Troubleshooting Track and Screen

- 1) If the screen does not roll down smoothly, or the obstacle detection engages:
 - a) Check the groove in the tracks where the zipper rides at the point the screen stops to make sure there is nothing impeding the screen.
 - b) If the slide bar is rubbing against the tracks:
 - i) Center the slide bar.
 - ii) Check track distance apart is equal with the top.
 - iii) Check u-channels for plumb.
 - iv) Adjust the track clip at the point where the obstacle detection engages so that the slide bar is not touching the track (most unlikely).
 - c) The screen may be too tight at the point where the obstacle detection is engaging. Using a 9-in-1 painter's tool, carefully pry the clip in towards the center of the opening on both tracks.
 - d) Only pry 1 click on either track at a time until screen reaches desire effect where it runs smoothly.

II. Replace the Screen Material

- 1) Open package the mesh came in to ensure it is free of defects.
 - a) The mesh may be folded and boxed to save on shipping costs. The creases will come out of the screen material once installed and is hanging.
 - b) Clear vinyl will be rolled in a tube.
- 2) Press the up button on the remote to send the mesh to the upper limit.
- 3) Remove access panel.
- 4) Remove the clipped tracks.
- 5) Press the down button on the remote to send the unit to a comfortable position where the slide bar can be removed and press the My button to stop the screen in that position.
- 6) With a Phillips screw driver, loosen the screw on the probes that hold the zipper tags on both sides.
***DO NOT LOSE SCREWS**
- 7) Remove probes and set aside in a safe place.
- 8) Slide the slide bar off the screen zipper and set aside in a safe place.
- 9) Press the down button on the remote to send the screen down to the lower limit.
 - a) With the slide bar off, you will need to hold the screen zipper in the middle and help guide the screen down.
- 10) Reset lower limit so that the screen zipper attached to the tube is facing down and can be accessed.
 - a) At the lower limit press the up and down buttons on the remote until the screen jogs up and down.
 - b) After the screen jogs press the down button on the remote and slowly move the screen to the new lower limit where the screen zipper at the roll tube is visible and can be accessed.
 - c) Once you reach that point press and hold the My button until the screen jogs. This will be the new lower limit.
- 11) At the roll tube, slide the screen zipper off either side.
- 12) Set old screen to the side.
- 13) Unfold new screen.
- 14) Ensure the screen is facing the correct way
 - a) The smaller zipper or Keder system should be on either side of the screen.
 - b) The larger zippers will be at the top and the bottom of the screen.

- c) The zipper tags for the screen will be at the bottom of the screen.
- 15) Slide the zipper in to the roll tube's round groove.
- 16) Carefully slide the screen all the way across the roll tube taking care not to damage the screen.
- 17) When you reach the other side of the roll tube, ensure there are equal number of zipper teeth on both ends of the roll tube so that the screen will be centered. **Do not pull too tight.**
- 18) Reset the lower limit just above the original position.
 - a) Press the up and down buttons on the remote until the screen jogs up and down.
 - b) After the jog press the up button on the remote until the screen reaches approximately 1' above the original position.
 - i) Ensure the zipper of either side of the roll tube is rolling over on top of itself (no telescoping).
 - c) When the screen reaches 1' above the original lower limit, press and hold the My button on the remote until the screen jogs.
 - d) A new lower limit is now set.
- 19) Send the screen up to a comfortable position so that the slide bar can be reinstalled.
 - a) Press the My button on the remote to stop at that position.
- 20) Reinstall slide bar and probes.
- 21) Press the up button on the remote to send the screen back up to the upper limit.
 - a) Ensure the zipper of either side of the roll tube is rolling over on top of itself (no telescoping).
- 22) Reinstall the tracks and track covers.
- 23) Press the down button to send the screen back to its lower limit.
- 24) Adjust the lower limit so that screen slide bar bottom seal is approximately 1" above the ground or lowest point.
 - a) The screen will stretch and flatten out while hanging.
- 25) Press the up button on the remote to send the screen back to its upper limit.
- 26) The screen has been replaced.