Serena and Triathlon Wood Blinds

Remote-Controlled Wood Blinds with Motorized Tilt and Manual Raise/Lower • Installation Guide • Please Read Before Installing

1 Prepare to Install:

⚠ WARNING: STRANGULATION HAZARD
Young children can be strangled by cords. Immediately remove this product if a cord longer than 8.65 in (22 cm) or a loop exceeding 17.35 in (44 cm) around becomes accessible.
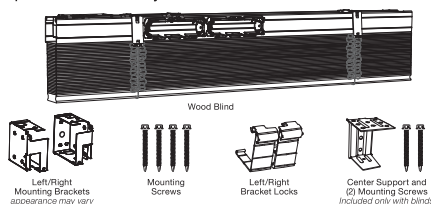
⚠ WARNING: SHOCK HAZARD
Can cause serious injury or death. Turn off the power at the main service panel before connecting or servicing a blind with a wired power supply.
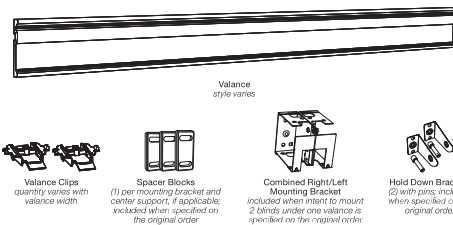
⚠ CAUTION: RISK OF FALLING OBJECTS
Read and follow all instructions for mounting the blind system. Failure to follow these instructions could result in minor to moderate injury.
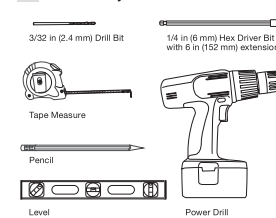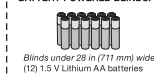
1.1 Unpack the box and verify contents

Wood Blind

Left/Right Mounting Brackets
appearance may vary

Mounting Screws

Left/Right Bracket Locks

Center Support and (2) Mounting Screws
Included only with blinds over 48 in (1219 mm) wide

OPTIONAL:

Valance
style varies

Valance Clips
quantity varies with valance width

Spacer Blocks
(1) per mounting bracket and center support, if applicable; included when specified on the original order

Combined Right/Left Mounting Bracket
included when intent to mount 2 blinds under one valance is specified on the original order

Hold Down Brackets
(2) with pins; included when specified on the original order

1.2 Other items you'll need:

3/32 in (2.4 mm) Drill Bit

1/4 in (6 mm) Hex Driver Bit with 6 in (152 mm) extension

Tape Measure

Pencil

Level

Power Drill

BATTERY-POWERED BLINDS:
Blinds under 28 in (711 mm) wide: (12) 1.5 V Lithium AA batteries *(available separately)*

OR

Blinds 28 in (711 mm) or wider: 1.5 V D-Cell Alkaline Batteries (4 or 8 depending on blind size; 12 for blinds with Battery Boost option; available separately)

WIRED-POWER BLINDS:
Plug-In Power Supply CSPS-P1-1-6-WH *(available separately)*

OR

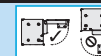10-Output Power Panel CSPS-P1-10-6 *(available separately)*

2 Install the Mounting Brackets:
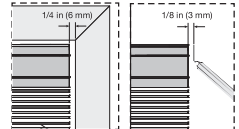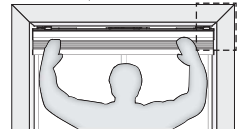
❗ IMPORTANT: TO ENSURE SAFE INSTALLATION:
- Mounting screws must drive into solid structural material. Add secure blocking if necessary.
- Use fasteners that are appropriate for the mounting surface.
- Blinds and valances wider than 48 in (1219 mm) must be handled and installed by at least 2 people.

Orient the mounting brackets with doors opening up, toward the room.
DO NOT install the mounting brackets with the doors opening down.

2.1 Mark mounting bracket locations:

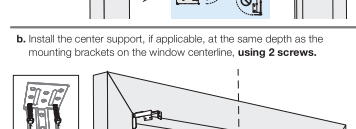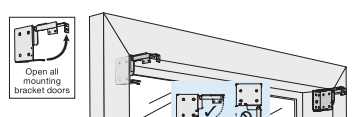Hold the blind up to the window, approximating its final mounted position.

1/4 in (6 mm) 1/8 in (3 mm)

For Inside Mount: With the blind centered in the window opening, confirm there is a 1/4 in (6 mm) clearance from each end of the headrail to the window jamb.

For Outside Mount: With the blind centered over the window opening, use the pencil to mark the mounting surface 1/8 in (3 mm) from each end of the headrail.
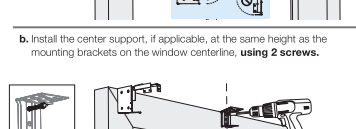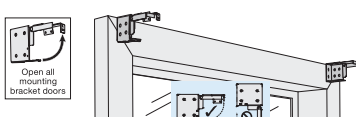
2.2 Inside mount:

a. Position each mounting bracket against the window jamb as shown and fasten to the window frame or jamb (jamb-mount recommended) **using 2 screws in each bracket.**

Open all mounting bracket doors

b. Install the center support, if applicable, at the same depth as the mounting brackets on the window centerline, **using 2 screws.**

Ceiling mount using 2 screws
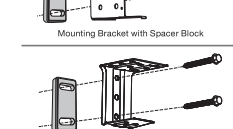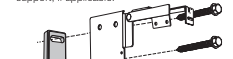
2.3 Outside mount:

a. Position the mounting brackets at the desired height on or above the window trim, at the marks made in step 2.1, and fasten **using 2 screws in each bracket.**

Open all mounting bracket doors

b. Install the center support, if applicable, at the same height as the mounting brackets on the window centerline, **using 2 screws.**

Wall mount using 2 screws

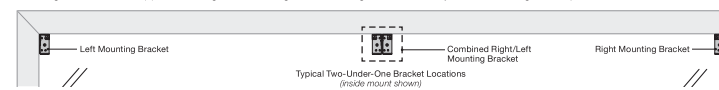#### Outside mounting where additional clearance is required:

For mounting in locations where additional clearance is needed to clear window trim or hardware, one or more spacer blocks may be used on each mounting bracket and center support, if applicable.
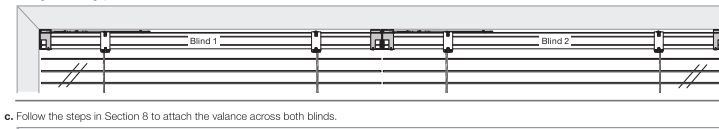
Mounting Bracket with Spacer Block

Center Support with Spacer Block

NOTE: It is the responsibility of the installer to use fasteners of appropriate type and length, and ensure they are driven securely into solid structure. Add secure blocking if necessary.

2.4 OPTIONAL: Installing two blinds under one valance

a. When the intent to mount two blinds under one valance is specified on the original order, the package includes one (1) left mounting bracket, one (1) right mounting bracket, and one (1) combined right/left mounting bracket to hang the blinds side-by-side as close together as possible.

Left Mounting Bracket

Combined Right/Left Mounting Bracket

Right Mounting Bracket

Typical Two-Under-One Bracket Locations *(inside mount shown)*

b. Use the methods shown in steps 2.1 through 2.3 to install all the mounting brackets and any included center supports, then follow the steps in Sections 3 through 7 to hang, power, and control the blinds.
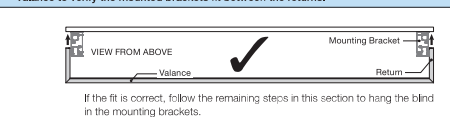
Blind 1   Blind 2

c. Follow the steps in Section 8 to attach the valance across both blinds.

3 Hang the Blind in the Mounting Brackets:

3.1 Test fit the valance:

For outside-mount installations where a valance with returns will be installed, test-fit the valance to verify the mounted brackets fit between the returns.

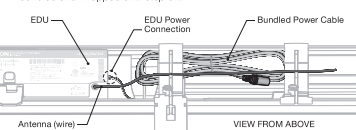VIEW FROM ABOVE   Mounting Bracket

Valance   Return   ✔

If the fit is correct, follow the remaining steps in this section to hang the blind in the mounting brackets.

🚫

If the valance does not fit around the mounting brackets, re-measure and adjust the mounting bracket positions before hanging the blind.
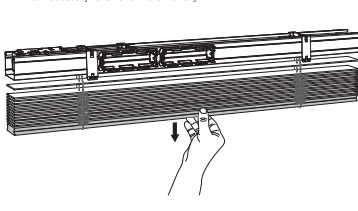
3.2 Prepare the Blind:

a. If the blind has a plug-in power supply, carefully remove the bundled length of power cable from inside the headrail. Decide now where the power cable will be routed and orient it accordingly, but for safety, keep it bundled and wrapped until step 5.2.

EDU   EDU Power Connection   Bundled Power Cable
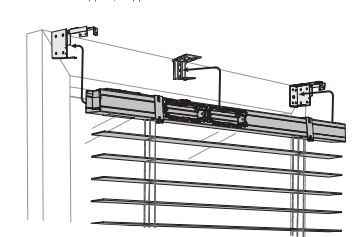
Antenna (wire)   VIEW FROM ABOVE

The power cable must remain connected to the EDU as shown above. Use caution when removing the bundled power cable from the headrail to avoid disturbing the position of the antenna wire. Reposition the antenna wire as shown if necessary.

b. Extend the blind by grasping the center of the bottom bar and pulling it away from the headrail. This is done to separate the top slat from the headrail so that the slat is clear of the mounting brackets in step 3.3. It is not necessary to extend the blind fully.
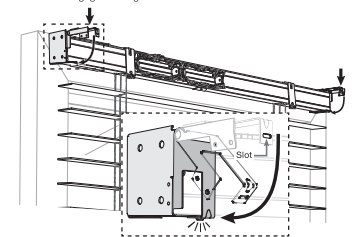
3.3 Hang the Blind:

a. Insert the headrail between and into the mounting brackets, and also into the center support, if applicable.
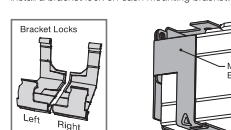
b. Close each bracket door, pressing it firmly closed to ensure the tab on the bracket engages through the slot in the bracket door.
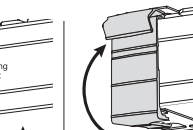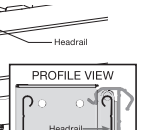
Slot

4 Secure the Blind:

Install a bracket lock on each mounting bracket.

Bracket Locks
Left   Right

Mounting Bracket

PROFILE VIEW

Headrail

Headrail

Mounting Bracket   Bracket Lock

a. Insert the hook on the left bracket lock into the hole in the bottom of the left mounting bracket as shown.

Left Bracket Lock

Push up on the headrail, if necessary

b. Pivot the bracket lock upward over the front of the mounting bracket and push until the bracket lock fastens in place over the top edge of the headrail.

c. Repeat these steps to install the right bracket lock on the right mounting bracket.
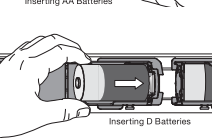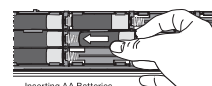
5 Power Up the Blind:

NOTE: Blinds are manufactured for battery power or wired power according to the original order. The two types are not interchangeable or convertible.

5.1 Battery powered blinds

Install the batteries only as indicated in the battery holders on the front of the headrail. The shade button (see Section 6) will flash green/green 3 times when blind is powered. If the batteries are not inserted correctly, the blind may not power up.

DO NOT mix old and new batteries, DO NOT install carbon-zinc or rechargeable batteries, and DO NOT mix battery types. Use ONLY 1.5 V alkaline D size batteries. To achieve advertised battery life, Lutron recommends batteries from specific manufacturers. Using non-recommended batteries or improper installation will significantly reduce battery life. For the latest on recommended manufacturers as well as other information about optimizing battery life in your Lutron shades, please visit lutron.com/optimizing-battery-life

Inserting AA Batteries

Inserting D Batteries

⚠ WARNING: RISK OF FIRE. Improperly installed lithium batteries can cause fire resulting in serious injury or death. DO NOT install backwards. Use only lithium batteries safely recognized by UL or other applicable local government safety agencies.
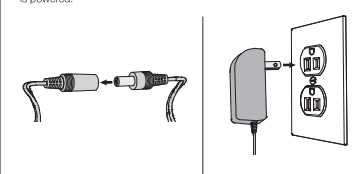
5.2 Blinds with plug-in power supply

- Unwrap the power cable and plug it into the individual power supply.
- Route and secure all wiring, ensuring it will not interfere with the operation of the blind.
- Plug the individual power supply into a compatible electrical outlet. The shade button (see Section 6) will flash red/green 3 times when the blind is powered.
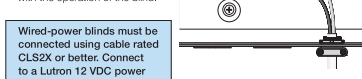
5.3 Connecting to a power supply panel

- Unroll the power cable from inside the headrail and cut off the barrel connector.
- Make connections according to the instruction guide included with the 10-output power supply panel. The shade button (see Section 6) will flash red/green 3 times when the blind is powered.
- Route and secure all wiring, ensuring it will not interfere with the operation of the blind.

Wired-power blinds must be connected using cable rated CLS2X or better. Connect to a Lutron 12 VDC power source only.

LUTRON Lutron Electronics Co., Inc. 7200 Suter Road Coopersburg, PA 18036-1299, U.S.A.

09/2023 P/N 045836 Rev. D

For complete warranty information, refer to: http://www.lutron.com/TechnicalDocumentLibrary/Window Systems Warranty.pdf

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Wood Blind with Motorized Tilt and Manual Raise/Lower

⚠ **CAUTION:** RISK OF FALLING OBJECTS. Read and follow all instructions for mounting the blind system. Failure to follow these instructions could result in minor to moderate injury.
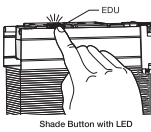
Page 2

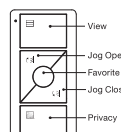## 6 Assign a Remote Control:

6.1 Determine control intent

The blind features a single LED-equipped control button (the 'shade button'), located on the Electronic Drive Unit (EDU), in the headrail near the left end of the blind. The shade button is used to activate and indicate various steps while assigning and programming the blind for compatible handheld or system-based remote control.

a. If the Caséta Smart Bridge or a Lutron RA2 Select system is installed, use the Lutron App to program and control the blind.

b. To assign a Pico wireless control without a system, follow the steps in section 6.2.

c. To assign a Lutron 4-Group RF remote control without a system, follow the steps in section 6.3.

NOTE: Remote controls affect only the motorized slat-tilt function. Raising and lowering of the blind must be done manually.
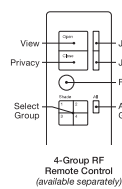

EDU

Shade Button with LED

6.2 Assign a Pico wireless control

View
Jog Open
Favorite
Jog Closed
Privacy

Wood blind Pico Control
(available separately with multiple color options)

a. Tap the Shade button

b. The shade button lights green

c. Press and hold the Privacy (close) button

d. The shade button flashes green; assignment is complete

e. Repeat for additional assignments

6.3 Assign a Lutron 4-Group RF remote control

View
Privacy
Select Group
Jog Open
Jog Closed
Favorite
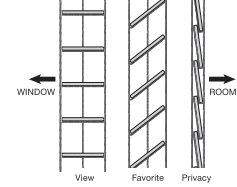All Groups

4-Group RF Remote Control
(available separately)

a. Tap the shade button

b. The shade button lights green

c. Press and hold the desired Group button

d. The shade button flashes green; assignment is complete

e. Repeat for additional assignments

7 Adjust View and Privacy Slat Positions (OPTIONAL):
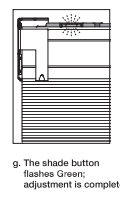
7.1 Adjust default slat positions

The blind's default View (open), Favorite, and Privacy (closed) slat positions are pre-programmed as shown.

WINDOW — ROOM

View   Favorite   Privacy

If adjustment is desired, follow these steps:

Pico / 4-Group

a. Tap the shade button

b. The shade button lights green

c. Press and hold the View (open) and Jog-Open buttons simultaneously

d. The shade button flashes green, then stays lighted; release all buttons

e. Use the Jog-Open and Jog-Closed buttons to position the slats as desired

f. **SET VIEW POSITION** With the slats at the desired View (open) position, press and hold the View (open) button

OR

SET PRIVACY POSITION With the slats at the desired Privacy (closed) position, press and hold the Privacy (close) button
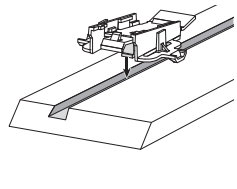
g. The shade button flashes Green; adjustment is complete

7.2 Set a Favorite slat position

Pico / 4-Group

a. Use the Jog-Open/Jog-Closed buttons to move the blind to the desired position.

b. Press and hold the Favorite button for 3 seconds.

c. The shade button flashes green; the Favorite position is saved.
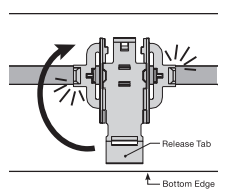
8 Attach the Optional Valance:

8.1 Insert a Valance Clip

Place the valance face-down on a clean surface and insert a valance clip in the channel as shown.
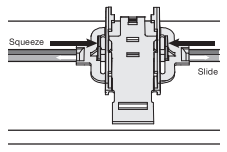

Release Tab

Bottom Edge

8.2 Rotate the Valance Clip

Rotate the valance clip 90° to secure it in the slot. Ensure the release tab is pointed toward the bottom edge of the valance as shown.
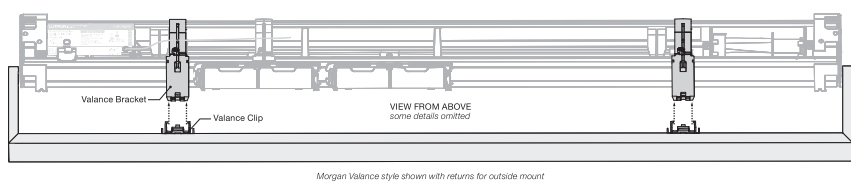
8.3 Position the Valance Clips

• Repeat steps 8.1 and 8.2 to secure the remaining valance clips in the channel.

• Adjust the position of each valance clip to match the position of each valance bracket (pre-installed on the headrail). To move a valance clip, squeeze the tabs and slide the clip along the channel.
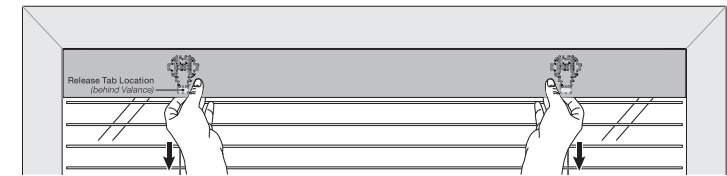
Squeeze

Slide

8.4 Install the Valance

• Slide each valance clip up and around a valance bracket from below, and push up until it locks in place with a "click"

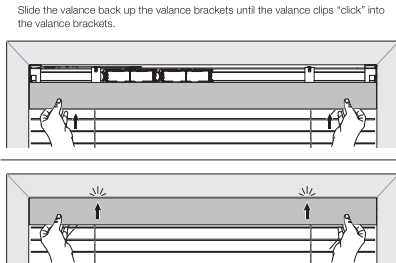• Verify that each valance clip is locked onto a valance bracket

Valance Bracket
Valance Clip
VIEW FROM ABOVE
some details omitted

Morgan Valance style shown with returns for outside mount

9 Optional Hold Down Brackets:

Install the optional Hold Down Brackets to anchor the blind's Bottom Bar when it is installed on a door or other movable surface.

a. Lower the blind, setting the bottom bar at the desired level where it will be anchored.

b. Position a hold down bracket against the mounting surface as shown, in alignment with the hole in the end of the bottom bar.

c. Holding the bracket in place, raise the blind out of the way, and mark the (2) mounting hole locations on the mounting surface.

d. Pre-drill if necessary, then using fasteners that are appropriate for the mounting substrate, mount the hold down bracket.

e. Repeat steps **a.** through **d.** to locate and mount the other hold down bracket at the opposite end of the bottom bar, ensuring the two brackets are level and aligned.

f. Position the bottom bar between the hold down brackets and insert an anchor pin through each hold down bracket, into the bottom bar as shown. Push the anchor pin into the bottom bar as far as it will go.

Bottom Bar
Hold Down Bracket
Align these holes
Anchor Pin

To lower the Valance for battery change:

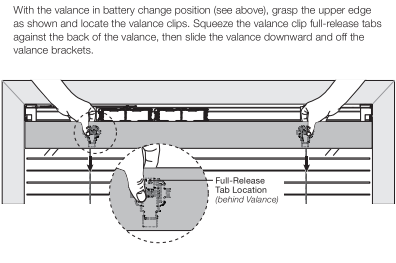

Release Tab Location *(behind Valance)*

Grasp the lower edge of the valance as shown and locate the valance clips on the back of the valance. Squeeze the valance clip release tabs against the back of the valance and slide the valance downward. The valance will catch and hang on the bottom of the valance brackets, allowing access to the battery holders.

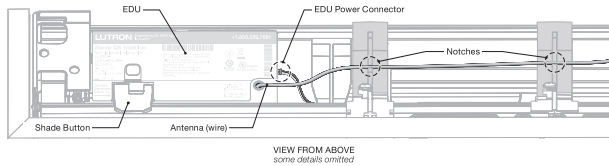### To return the Valance to operating position:

Slide the valance back up the valance brackets until the valance clips "click" into the valance brackets.

To remove the Valance completely:

With the valance in battery change position (see above), grasp the upper edge as shown and locate the valance clips. Squeeze the valance clip full-release tabs against the back of the valance, then slide the valance downward and off the valance brackets.

Full-Release Tab Location *(behind Valance)*

Blind	EDU				
SYBJ-C	SYC-EDU-B-J	434 MHz			
QSFBJ-C	QSFC-EDU-B-J				
SYBK-C	SYC-EDU-B-K	868 MHz			
QSFBK-C	QSFC-EDU-B-K				
SYBM-C	SYC-EDU-B-M	868 MHz, Limited	6–12 V⎓	5 W	10 in-lb (1,12 N•m)
QSFBM-C	QSFC-EDU-B-M				
SYBN-C	SYC-EDU-B-N	865 MHz			
QSFBN-C	QSFC-EDU-B-N				
SYBO-C	SYC-EDU-B-Q	434 MHz, Limited			
QSFBQ-C	QSFC-EDU-B-Q				
SHB-C		N / A			

⚙ Troubleshooting:

Problem	Solution
The blind does not power up when batteries are inserted	• Verify all batteries are new and of the correct type • Remove all batteries and reinstall, ensuring they are oriented correctly • Ensure the EDU power connector is fully inserted (see location of EDU power connector at right)
The blind does not power up when the power supply is connected	• Verify the electrical outlet used is powered • Ensure the power wire is properly connected • Ensure the EDU power connector is fully inserted (see location of EDU power connector at right)

Problem	Solution
The blind does not respond to remote control	• Ensure the remote control is within the product's RF range; 30 ft (9 m) • Inspect the antenna and ensure it is routed and secured in the notches as shown at right; correct if necessary • If a system is installed, ensure the remote control is assigned in the app
The shade button LED flashes RED	• An obstacle is preventing the blind from moving to the desired position or preset • If this condition occurs while setting the View, Privacy, or Favorite position (Section 6), the slats may be closed too tightly — open the slats slightly, then save the new position

Problem	Solution
Tilt action is slow, and/or the shade button LED is RED	• Batteries are low; remove all batteries and replace with new ones, ensuring they are oriented correctly
The blind does not respond and the shade button LED is flashing or constant RED	• Batteries are dead; remove all batteries and replace with new ones, ensuring they are oriented correctly
After installing new batteries, the blind does not respond	• Press and release the shade button once to resume normal operation

EDU
EDU Power Connector
Notches
Shade Button
Antenna (wire)
VIEW FROM ABOVE
some details omitted

Restoring Factory Default Settings

Tap the shade button quickly three times, and hold the shade button after the third tap until the shade button LED flashes GREEN rapidly. Immediately tap the shade button quickly three more times, until the shade button LED flashes GREEN rapidly, then flashes RED/GREEN three times, and turns off.

LUTRON Lutron Electronics Co., Inc. 7200 Suter Road Coopersburg, PA 18036-1299, U.S.A.

09/2023 P/N 045836 Rev. D

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