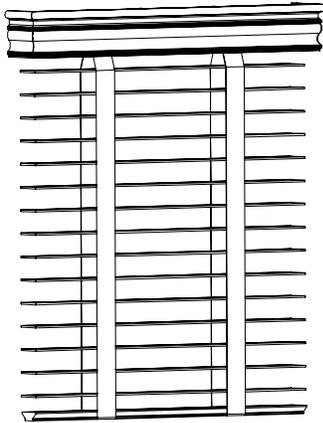


Lutron® Venetian Blind Installation Guide

English

Chassis and basic wiring and setup
(please read before installing)



Tools required:

Tape Measure
Level

Power Drill
Wire Cutter/Stripper

#2 Phillips Screwdriver
Drill Bits

Box contents:



(1) Left
mounting bracket



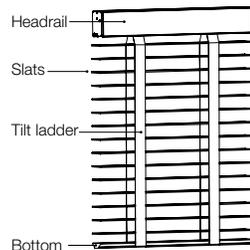
(1) Right
mounting bracket



(2 or more)
Valance mounting clips



(8) Mounting
screws



(1) Venetian blind



(1) Valance (optional)



(2) Headrail
securing screws



(1) 4-pin
terminal block

Included in hardware kit



(1) Screwdriver



(1) 0.035 Allen key

CAUTION: Risk of falling objects. Securely install the Venetian Blind system per the mounting instructions. Failure to do so could result in minor or moderate injury.

Notes:

- Lutron systems are intended for use with only Lutron hardware, controls, and power supplies.
- Codes:** Install in accordance with all local and national electrical codes.
- Environment:** Ambient operating temperature: 32 °F - 104 °F (0 °C - 40 °C), 0 - 90% humidity, non-condensing. Indoor use only.
- Maintain sufficient clearance between the moving blind and any object.

Chassis Installation

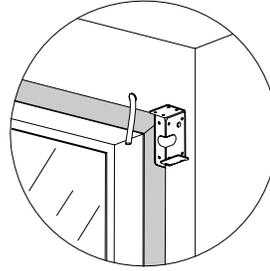
1 Choose one of the options below to drill for cable access

1.1 Notes:

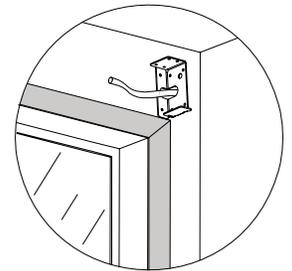
- Cable should exit from the wall or jamb on the drive side of the system
- Leave 12 to 18 in (300 to 450 mm) of cable exposed

Wire location:

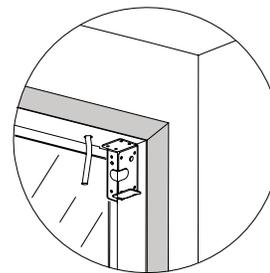
- Outside Mount on trim: 2 in (50 mm) from end of system ½ in (13 mm) above top of bracket
- Outside Mount above trim: 2 in (50 mm) from end of system ½ in (13 mm) below top of bracket
- Inside Mount: 2 in (50 mm) from end of system



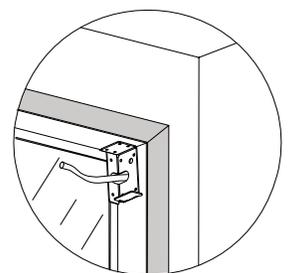
Outside mount on trim



Outside mount above trim



Inside mount top wire exit

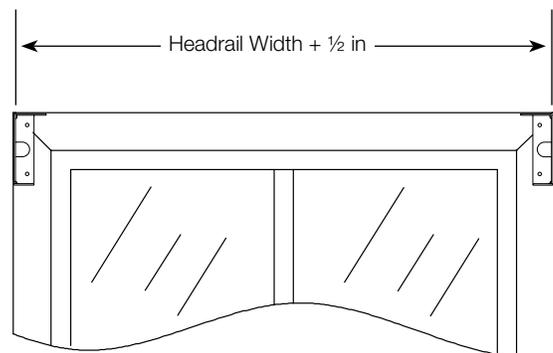


Inside mount side wire exit

2 Installing the brackets

2.1 Outside mount (trim mount shown)

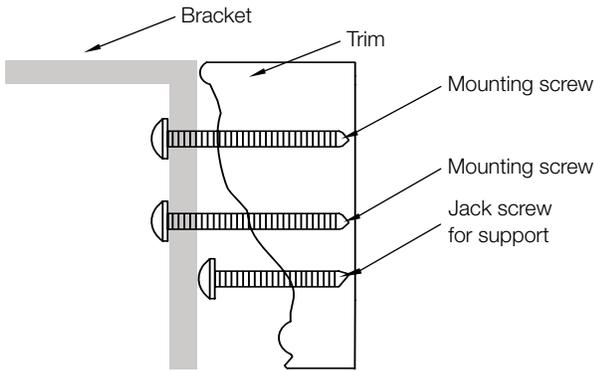
- 2.1.1 Center the brackets over the window and space them apart a distance equal to the headrail width + ½ in (13mm). Assure they are level and plumb.



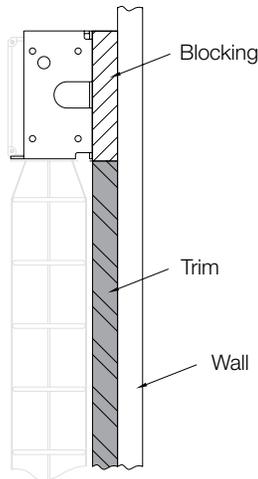
Wall mount on trim

2 Installing the brackets (continued)

Tip: Inserting screw(s) into the trim underneath the bracket provides necessary support when mounting brackets on contoured trim.



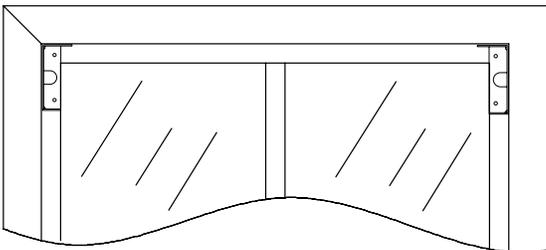
Note: If mounting directly to wall, block out brackets to clear trim.



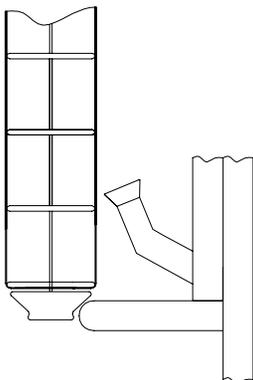
Wall mount above trim with blocking

2.2 Inside mount

2.2.1 Mount the brackets inside the jamb as shown.

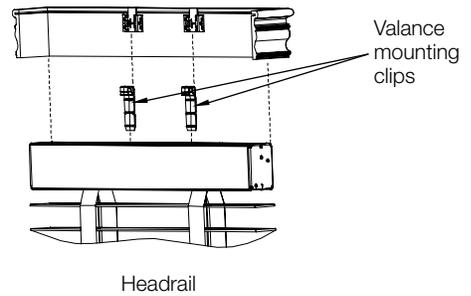


Tip: If necessary, block out brackets to clear cranks or other hardware.



3 Position the valance mounting clips on the headrail (if provided)

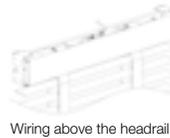
3.1 Attach the valance mounting clips to the headrail so they are aligned with the mounting position on the valance.



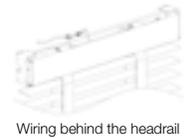
Note: The buttons on the bottom of the headrail should be toward the front. Position the mounting clips on the same side as the buttons.

4 Wiring and basic setup

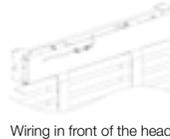
4.1 Arrange wiring in headrail to prevent interference with any moving parts.



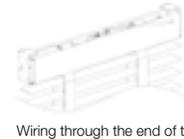
Wiring above the headrail



Wiring behind the headrail



Wiring in front of the headrail



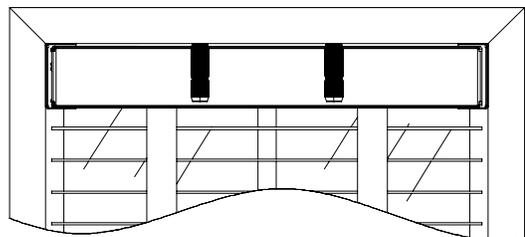
Wiring through the end of the headrail

4.2 Refer to the Basic Wiring and Setup section of this guide for wiring instructions and setup including setting open, close and tilt limits.

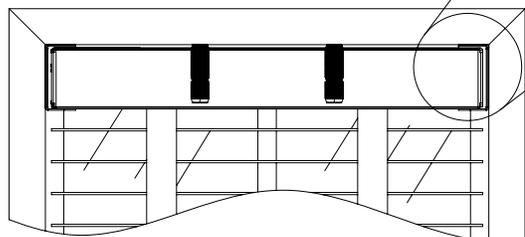
Note: The antenna tip of the Wireless Receiver must be visible for maximum communication distance.

5 Installing the blind in the brackets

5.1 Insert the headrail into the brackets.



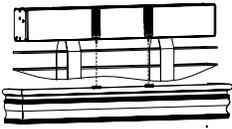
5.2 Insert a headrail securing screw through the slot in the bracket and into the headrail at both ends of the blind.



Note: The securing screw in the left bracket is located toward the front of the headrail and the securing screw in the right bracket is located toward the back of the headrail.

6 Installing the valance

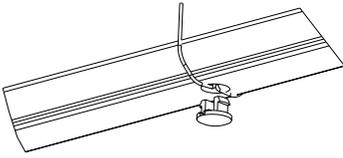
- 6.1 Align the mounting clips on the headrail with the mounting clips on the valance.
- 6.2 Slide the valance up onto the headrail until it is in the desired location on the headrail.



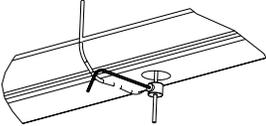
7 Bottom rail leveling (optional)

Adjusting the horizontal level of the bottom rail may be necessary in order for it to align with the bottom sill of the window. Confirm that the headrail is level prior to adjusting the bottom rail.

- 7.1 Remove bottom rail plugs.



- 7.2 Loosen the shaft collar using the included 0.035" allen key.



- 7.3 Adjust the vertical position of the shaft collar on the lift cord until hembar is level.

- 7.4 Tighten the shaft collar using the allen key.

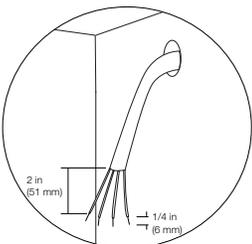
- 7.5 Replace the bottom rail plugs.

Basic Wiring & Setup (wired and wireless)

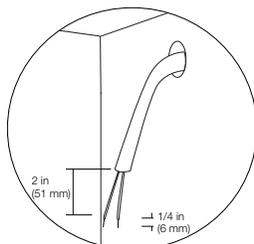
⚠ WARNING: Risk of electric shock. Lock MCB (supply breaker) in the OFF position, or remove fuse, before wiring to terminal block. Failure to do so, could result in death or serious injury.

8 Wire 4-pin terminal block

- 8.1 Strip 2 in (51 mm) of outer jacket off cable coming from the wall.
- 8.2 Strip ¼ in (6 mm) insulation off each individual wire.

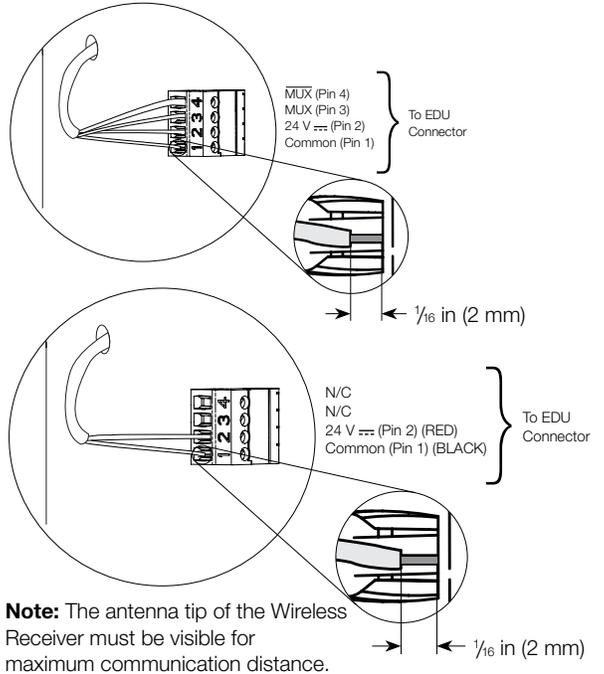


Wired communications



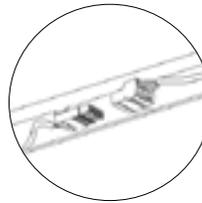
Wireless communications

- 8.3 Wire 4-pin terminal block (provided) to cable using the included screwdriver. Tighten screws securely on the exposed wire. Leave ¼ in (2 mm) of exposed copper to ensure insulation is not pinched.



9 Connect terminal blocks

- 9.1 Plug 4-pin terminal block on cable into EDU terminal block.



Note: Arrange wires in a location that prevents them from interfering with moving parts.

10 Venetian Blinds - Limit Setting

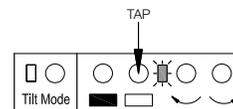
Setting Limits

The open and close lift limits define the vertical travel of the blind. The up and down tilt limits define the rotational travel of the slats. Both limits are set at the factory. It is recommended that the open and close lift limits be set immediately after installation to ensure the blind to the open and close positions that match the window openings.

The up and down tilt limits are preset to rotate all the way up and all the way down and typically do not need to be adjusted.

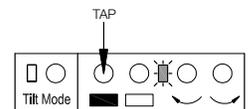
Setting the Open Lift Limit

- 10.1 Tap Open Limit button. The green LED will turn on.



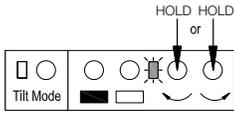
Setting the Close Lift Limit

- 10.4 Tap the Close Limit button. The Green LED will turn on.

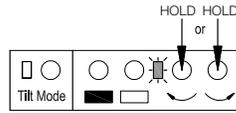


10 Venetian Blinds - Limit Setting (continued)

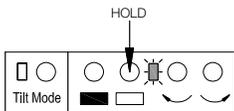
10.2 Move the blind to the desired Open Limit by holding one of the arrow buttons.



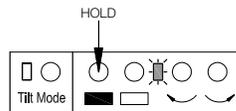
10.4 Move the blind to the desired Close Limit by holding one of the arrow buttons.



10.3 Press and hold the Open Limit button until the Green LED flashes. Open Limit is stored.



10.5 Press and hold the Close Limit button until the Green LED flashes. Close Limit is stored.



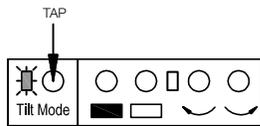
10.3 Open and Close the blind to its new limits a few times to allow settling. Repeat limit setting as necessary.

11 Setting the Up and Down Tilt Limits (Auto set mode)

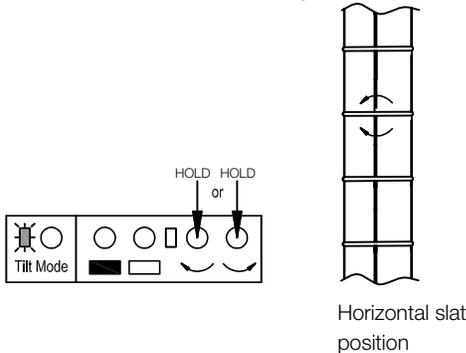
Setting Limits

To maintain uniform tilt levels between adjacent blinds, it may be necessary to adjust the tilt limits. In Auto set mode, the limits are set to a predefined rotational angle up and down from horizontal. This assures that all adjacent blinds have the same tilt limits, maintaining uniformity from blind to blind.

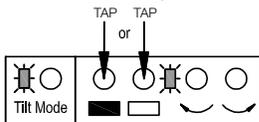
11.1 Tap the Tilt Mode button. The amber LED will turn on.



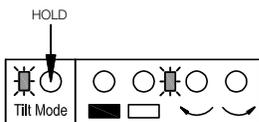
11.2 Tilt the slats to the horizontal position by holding one of the arrow buttons.



11.3 Tap either limit set button. The green LED will turn on.



11.4 Press and hold the Tilt Mode button until the Green LED flashes. Both Up and Down tilt limits are stored.



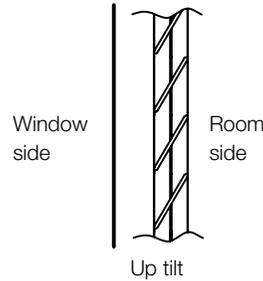
Note: After setting tilt limits using Auto Set Mode, ensure that the top slat is not contacting the headrail at both the Up and the Down tilt limits.

12 Setting the Up and Down Tilt Limits (Manual set mode)

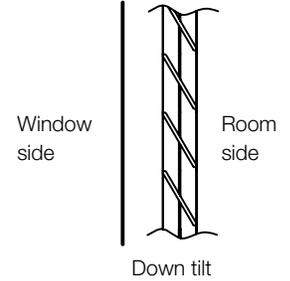
It may be necessary to adjust the limits to a user defined position. In manual set mode, the up and down tilt limits can be set to those user defined positions.

Note: The top slat should not contact the headrail in either the up or the down tilt position.

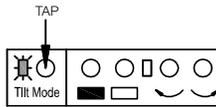
Setting Up Tilt Limit



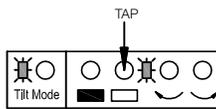
Setting Down Tilt Limit



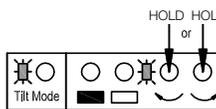
12.1 Tap the Tilt Mode button. The amber LED will turn on.



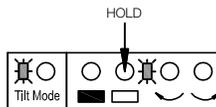
12.2 Tap the Open Limit button. The green LED will turn on.



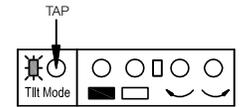
12.3 Rotate the slats to the desired Up tilt limit by holding one of the arrow buttons.



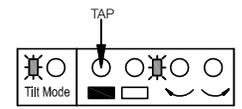
12.4 Press and hold the Open Limit button until the green LED flashes. The Up tilt limit is stored.



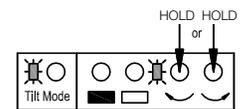
12.5 Tap the Tilt Mode button. The amber LED will turn on.



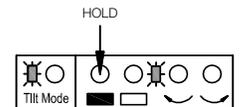
12.6 Tap the Close Limit button. The green LED will turn on.



12.7 Rotate the slats to the desired Down tilt limit by holding one of the arrow buttons.



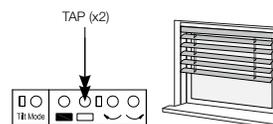
12.8 Press and hold the Close Limit button until the green LED flashes. The Down tilt limit is stored.



13 Verify limits

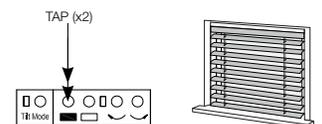
13.1 Open Limit

Verify the open limit by double-tapping the Open Limit button. The blind will travel to the open limit.



13.2 Close Limit

Verify the close limit by double-tapping the Close Limit button. The blind will travel to the close limit.

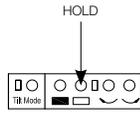


14 Assigning blind(s) to a wireless control

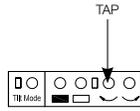
The blind needs to be assigned to a wireless control to enable communication between the blind and the wireless control.

14.1 Placing one or more blind(s) in assignment mode

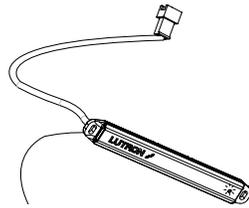
Press and hold the Open Limit button on the drive until its LED flashes green, then turns steady.



14.2 Tap the (⏮) button on the blind drive. The LED on the drive and wireless receiver will flash green twice immediately, and every 4 seconds thereafter, the drive is now ready to be assigned to a wireless control.

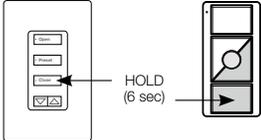


14.3 Repeat 14.1 and 14.2 for all drives that are being assigned to the same wireless control. To complete the assignment process, proceed to step 14.4



14.4 Completing the assignment process

Press the Bottom button on the wireless control for 6 seconds. The blind(s) will move a short distance in both directions, or “wiggle”, one time. This confirms the drive(s) have been assigned to the wireless control, and exits the control and drive(s) from assignment mode.



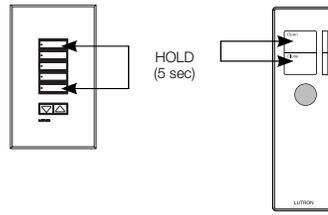
14.5 Repeat 14.1 through 14.4 to assign blind(s) to additional wireless controls. The *Sivoia QS Wireless* blind is now installed, wired, the OPEN/CLOSE limits are set, and assigning is complete.

Notes:

- Blind(s) can be assigned to multiple wireless controls.
- To un-assign devices, refer to step 16 - Restoring Factory Default Settings

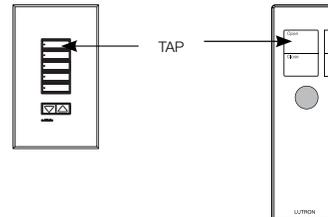
15 Assigning Blinds to Wired and IR Controls

15.1 Enter assignment mode.



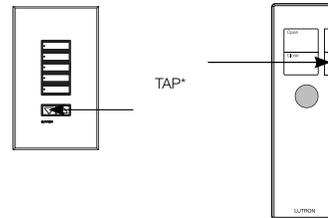
Assigned blinds will close, un-assigned blinds will open.

15.2 Select blind.



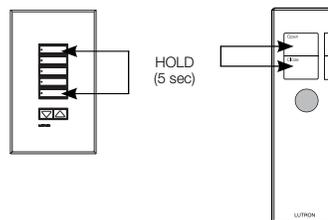
Selected blind will move up & down.

15.3 Assign blind.



Once assigned, blind will move to its closed position.
* Tap the raise button to un-assign the selected blind.

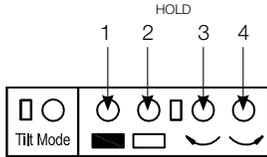
15.4 Exit assignment mode.



16 Restoring Factory Default Settings

This procedure will un-assign this blind from all wireless controls, but will not affect the open and close limit.

- 16.1 Press and hold each button using the numbered sequence below, until the green LED flashes then turns steady.



17 Troubleshooting

Symptom	Solution
Blind will not move using adjustment buttons on Drive	Drive is not powered – check Drive Power by unplugging and re-plugging in Drive. LED should flash for 5 seconds. Blind motion is obstructed – Remove obstruction.
Blind does not fully open or fully close	Limits have been set incorrectly – refer to “Set open limit” and “Set close limit” sections. Blind motion is obstructed – Remove obstruction.
Wireless controls will not operate blind	Out of range – move to within 30 ft (9.1 m) of Wireless receiver. Drive(s) not paired to Wireless Control. Wireless receiver not plugged into any Drive within range. Wireless Control batteries are not providing power – replace them.
Drive does not move, and the LED is blinking red slowly four times, and then turning off for 4 seconds	The Drive has reached its maximum run-time. Wait 20 minutes before attempting to move the blind.
Drive has its red LED on steady	The Drive is unable to establish communication. Check your wiring.
Drive is blinking its blue LED quickly	The Drive does not have enough power to operate properly. Refer to the power supply's instruction sheet to verify your installation. The Drive is being powered by an AC supply. Use an approved 24 V \equiv supply, such as the QSPS-P1-10-60.
Keypad does not control blind or sends it to the wrong level	Limits have been set incorrectly – refer to the Limit Setting section 10. Refer to the keypad instruction sheet for programming instructions.
Headrail is not level	Verify the brackets are level.
Blind is not centered over window	Verify the brackets are centered.
Blind does not move smoothly	Verify the blind is not obstructed by any other object.
Adjacent blinds are not aligned	Adjust the heights of brackets to align blinds. Place a shim between the bracket and the ceiling.
Slats not level	Shim the headrail.
Slats tilt the wrong way	Verify that the buttons on the bottom of the headrail are toward the room and not the window. Verify that the lift cords are wrapping in the correct direction. Visually inspect that the lift cords come up the front of the headrail when lifting.

FCC Information (For model number QSYC4-RCVR)

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: Changes or modifications not expressly approved by Lutron Electronics Co. could void the user's authority to operate this equipment.

* This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Canadian ICES-003.

CE Information (For model numbers QSYC8-RCVR and QSYCM-RCVR)

Lutron Electronics hereby declares that QSYC8-RCVR and QSYCM-RCVR are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the DoC can be obtained by writing to: Lutron Electronics Co., Inc. 7200 Suter Road, Coopersburg, PA 18036 U.S.A.



IDA Compliance Information

(For model number QSYCM-RCVR)

Complies with
IDA standards
DA 103083

TRA Compliance Information (For model numbers QSYC8-RCVR and QSYCM-RCVR)

TRA
Registered No:
ER0037299/10
Dealer No:
0016561/08
Barcode

Limited Warranty

SCOPE

This limited warranty ("Warranty") covers the Lutron supplied (a) Sivoia® QS Shade System ("Sivoia® QS Shade System"), (b) Sivoia QED™ Shade System ("Sivoia QED™ Shade System"), (c) manual shade system and (d) alternating current or a/c shade system (each of the foregoing being a "System"). Customer acknowledges and agrees that use of the System constitutes acceptance of all terms and conditions of this Warranty.

LIMITED WARRANTY

Subject to the exclusions and restrictions described below, Lutron warrants that each System will be free from manufacturing defects from the date of shipment by Lutron for a period of (a) one year as to the wall control, interfaces and system accessories of the Sivoia QS Shade System ("External Sivoia QS Components") and (b) eight years as to the other Systems and the Roller Shade EDU, shade fabric and shade hardware of the Sivoia QS Shade System. If any manufacturing defect exists in the External Sivoia QS Components, so long as Customer promptly notifies Lutron of the defect within the one year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or provide comparable replacement part(s). If any manufacturing defect exists in any of the components of a System other than the External Sivoia QS Components, so long as Customer promptly notifies Lutron of the defect within the eight year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or issue a credit to the Customer against the purchase price of comparable replacement part(s) purchased from Lutron as provided below.

Number of years from date of shipment	Percentage of cost of replacement parts credited by Lutron
Up to 5	100%
More than 5 but not more than 8	50%
More than 8	0%

Replacement parts for the System provided by Lutron or, at its sole discretion, an approved vendor may be new, used, repaired, reconditioned, and/or made by a different manufacturer.

EXCLUSIONS AND RESTRICTIONS

This Warranty will be void, and Lutron and its suppliers will have no responsibility under this Warranty, if Lutron or its representatives cannot access any components of the System to inspect, diagnose problems with or repair the System or any of its components as a result of concealment or inaccessibility of such components within a building structure. This Warranty does not cover, and Lutron and its suppliers are not responsible for:

1. Damage, malfunction or inoperability diagnosed by Lutron or a Lutron approved third party as caused by normal wear and tear, abuse, misuse, incorrect installation, neglect, accident, interference or environmental factors, such as (a) use of incorrect line voltages fuses or circuit breakers; (b) failure to install, maintain and operate the System pursuant to the operating instructions provided by Lutron and the applicable provisions of the National Electrical Code and of the Safety Standards of Underwriter's Laboratories; (c) use of incompatible devices or accessories; (d) improper or insufficient ventilation; (e) unauthorized repairs or adjustments or alterations; (f) vandalism; (g) an act of God, such as fire, lightning, flooding, tornado, earthquake, hurricane or other problems beyond Lutron's control; or (h) direct exposure to corrosive materials.
2. On-site labor costs to diagnose issues with, and remove, repair, replace, adjust, reinstall and/or reprogram the System or any of its components.
3. Components and equipment external to the System, such as, non-Lutron lighting and automation systems; building wiring, audiovisual equipment; and non-Lutron time clocks, photosensors and motion detectors.
4. The cost of repairing or replacing other property that is damaged when any System does not work properly, even if the damage was caused by the System.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO EIGHT YEARS FROM THE DATE OF SHIPMENT, EXCEPT THAT SUCH IMPLIED WARRANTIES ARE LIMITED TO ONE YEAR FROM THE DATE OF SHIPMENT AS TO THE EXTERNAL

SIVOIA QS COMPONENTS. NO LUTRON AGENT, EMPLOYEE OR REPRESENTATIVE HAS ANY AUTHORITY TO BIND LUTRON TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE SYSTEMS. UNLESS AN AFFIRMATION, REPRESENTATION OR WARRANTY MADE BY AN AGENT, EMPLOYEE OR REPRESENTATIVE IS SPECIFICALLY INCLUDED HEREIN, OR IN STANDARD PRINTED MATERIALS PROVIDED BY LUTRON, IT DOES NOT FORM A PART OF THE BASIS OF ANY BARGAIN BETWEEN LUTRON AND CUSTOMER AND WILL NOT IN ANY WAY BE ENFORCEABLE BY CUSTOMER. IN NO EVENT WILL LUTRON OR ANY OTHER PARTY BE LIABLE FOR EXEMPLARY, CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO DAMAGES FOR PERSONAL INJURY, FAILURE TO MEET ANY DUTY, INCLUDING OF GOOD FAITH OR REASONABLE CARE, NEGLIGENCE, OR ANY OTHER LOSS WHATSOEVER), NOR FOR ANY REPAIR WORK UNDERTAKEN WITHOUT LUTRON'S PRIOR WRITTEN CONSENT ARISING OUT OF OR IN ANY WAY RELATED TO THE INSTALLATION, DEINSTALLATION, USE OF OR INABILITY TO USE THE SYSTEM OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS WARRANTY, EVEN IN THE EVENT OF THE FAULT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, BREACH OF CONTRACT OR BREACH OF WARRANTY OF LUTRON OR ANY OTHER PARTY, AND EVEN IF LUTRON OR SUCH OTHER PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOTWITHSTANDING ANY DAMAGES THAT CUSTOMER MIGHT INCUR FOR ANY REASON WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ALL DIRECT DAMAGES AND ALL DAMAGES LISTED ABOVE), THE ENTIRE LIABILITY OF LUTRON AND OF ALL OTHER PARTIES UNDER THIS WARRANTY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, USE, REPAIR, OR REPLACEMENT OF THE SYSTEM, AND CUSTOMER'S SOLE REMEDY FOR THE FOREGOING, WILL BE LIMITED TO THE AMOUNT PAID BY CUSTOMER FOR THE SYSTEM. THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS WILL APPLY TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. WARRANTY CLAIMS,

TECHNICAL ASSISTANCE AND WARRANTY INFORMATION. Contact the Lutron Technical Support Center at the numbers provided below or your local Lutron sales representative with questions concerning the installation or operation of this Warranty, or to make a warranty claim. Please provide the exact model number when calling. Lutron and Sunburst logo are registered trademarks of Lutron Electronics Co., Inc.

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