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

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.

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.

Tools required:
- Tape Measure
- Power Drill
- #2 Phillips Screwdriver
- Level
- Wire Cutter/Stripper
- 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) Headrail securing screws
- (1) Valance (optional)
- (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.
Inside mount

Mount the brackets inside the jamb as shown.

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

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

2.2.1

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.

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.

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.

8.3 Wire 4-pin terminal block (provided) to cable using the included screwdriver. Tighten screws securely on the exposed wire. Leave ½ 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.
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.

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

Setting Limits

To maintain uniform tilt levels between adjacent blinds, it may be necessary to adjust the tilt limits. 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

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.

Setting Down Tilt Limit

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

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

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

12.4 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.

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.
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

Assigning Blinds to Wired and IR Controls

15.1 Enter assignment mode.

15.2 Select blind.

15.3 Assign 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.

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

1234 Hold

16.1 Adjacent blinds are not aligned

Adjust the heights of brackets to align blinds.

Blind does not move smoothly

Verify the blind is not obstructed by any other object.

Wireless controls will not operate blind

Verify that the lift cords are wrapped in the correct direction.

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 steadily

The Drive is unable to establish communication. Check your wiring.

Drive is blinking its blue LED quickly

The Drive is being powered by an AC supply. Use an approved 24 VAC supply, such as the GQSP-P1-10-60.

Keypad does not control blind or sends it to the wrong level

Refer to the keypad instruction sheet for programming instructions.

Headrail is not centered over window

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.

Adjust the heights of brackets to align blinds.

Place a strip between the bracket and the ceiling.

Slats not level

Shim the headrail.

Slats tilt the wrong way

Verify that the buttons on the headend 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.

17 Troubleshooting

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 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:
1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. 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.

IDC Compliance Information (For model number QSYC8-RCVR)

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

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