Sivoia, QS

English

Basic Wiring and Setup Guide

Save these instructions Read and Follow all instructions.

Tools required:

Wire Cutter/Stripper

A WARNING

- · SHOCK HAZARD. 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.
- · Disconnect input power before servicing.
- . This Sivoia QS Basic Wiring and Setup Guide is a complement to the Chassis Installation Guide enclosed for the specific shade or drape type ordered. This guide describes the basic wiring and setup requirements for basic operations and to verify the shade or drape is functioning.
- · Note: Secondary wiring must be of type CL2, CL2P, CL2R, CL2X or other cable with equivalent or better electrical, mechanical, and flammability ratings in accordance with local and national electric code.
- · Codes: Install in accordance with all local and national electrical codes.
- Environment: Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0 to 90% humidity, non-condensing. Indoor use only.

Included items required for Basic Wiring and Setup:

(1) 4-pin terminal block

(1) Screwdriver

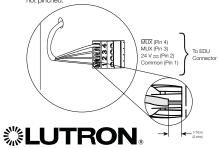


Wire 4-pin terminal block

- Strip 2 in (51 mm) of outer jacket off cable coming from the wall.
- Strip 1/4 in (6 mm) insulation off each individual wire.

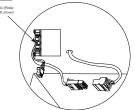


1.3 Wire 4-pin terminal block (provided) to cable using the included screwdriver. Tighten screws securely on the exposed wire. Leave 1/16 in (2 mm) of exposed copper to ensure insulation is not pinched



Connect terminal blocks

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



A cable tie can be wrapped around both terminal blocks to prevent them from separating.

Arrange wires in a location that prevents them from interfering with moving shade or drape.

Setting limits from EDU

The open and close limits define the travel range of the shade or drape. It is recommended that limits be set immediately after installation.

Setting Open Limit

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



Move the shade or drane to desired Open Limit by pressing arrow buttons.



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



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

Setting Close Limit



Move the shade or drane to desired Close Limit by pressing arrow buttons.



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



Verify limits

Open Limit

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



Close Limit

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



Verify communication - Link diagnostic mode

Press and hold Close Limit button until Green LED flashes 2 seconds then turns steady



Tap CCW arrow button. Green LED will flash quickly and shade or drape will move a short distance in both directions continuously or "wiggle"



5.3 The EDU will attempt to communicate

with all other devices. All devices will respond with flashing LED's to verify they are communicating. EDU's will also "wiggle." If they do not, check that they are powered and are wired correctly



Press and hold the Close Limit button for 5 seconds to exit. LED's on all devices will stop flashing and EDU's will stop "wiggling." Devices will exit this mode on their own after 10 minutes



Troubleshooting

Symptom	Solution
Shade or drape will not move using adjustment buttons on EDU.	EDU is not powered - check EDU Power by unplugging and re-plugging in EDU. LED should flash for 5 seconds. Shade or drape is obstructed on something - Remove obstruction.
Shade or drape does not fully open or fully close.	Limits have been set incorrectly - refer to "Set open limit" and "Set close limit" sections. Shade or drape is obstructed - Remove obstruction.
EDU does not move, and the LED is blinking red slowly four times, and then turning off for 4 seconds	The EDU has reached its maximum run-time. Wait 20 minutes before attempting to move the shade
EDU has its red LED on steady	This EDU is unable to establish communication. Check your wiring
EDU is blinking its blue LED quickly	This EDU does not have enough power to operate properly. Refer to the power supply's instruction sheet to verify your installation. This EDU is being powered by an AC supply. Use an approved 24 V== supply, such as the QSPS-P1-10-60
Keypad does not control shade or sends it to the wrong level	Limits have been set incorrectly - refer to "Set Open Limit" and "Set Close Limit" sections. Refer to the keypad instruction sheet for programming instructions.

Limited Warranty

This limited warranty ("Warranty") covers the Lutron supplied (a) Sivoia, Shade System ("Sivoia Shade System"). (b) Sivoia Shade System ("Sivoia Shade System"), (c) manual shade system and (d) alternating current or a/c shade system (each of the foregoing being a "System"). Customer arknowledges and agrees that use of the System constitutes

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Subject to the exclusions and restr halow I utron warrante that each Sustam will he free from manufacturing defects from the date of shipment by Lutron for a period of (a) one year as to the wall controls, interfaces and system accessories of the Sivoia Shade System ("External Sivoia Components") and (b) eight years as to the other Systems and the electronic drive unit, shade fabric and shade rdware of the Sivoia 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 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

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Number of years from date of shipment	Percentage of cost of replacement parts credited by Lutron
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More than 2 but not more than 5	50%
More than 5 but not more than 8	25%
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

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- 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 audio-visual equipment; and non-Lutron time clocks, photosensors and motion detectors.
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Lutron Electronics Co., Inc. 7200 Suter Board Coopersburg, PA 18036-1299 USA TEL: 1.610.282.3800

FAX: 1.610.282.3090 Technical Support: 1.800.523.9466 or 1.610.282.6701 Toll Free: 1.888.LUTRON

EMAIL: shadinginfo@lutron.com WEB: www.lutron.com/shadingsolutions Europe Headquarters | United Kingdon

Lutron EA Ltd 6 Sovereign Close London F1W 3.IF UK

TEL: +44.(0)20.7702.0657 FAX: +44 (0120 7480 6899

Technical Support: +44.(0)20.7480.6899 EREEDHONE: 0800 282 107

Asian Headquarters | Singapo

Lutron GL Ltd 15 Hoe Chiang Road Singapore, 089316 TEL: +65.6220.4666 FAX: +65 6220 4333 Technical Support: 800.120.449

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