Programming QS IR Eye with Sivoia QS

A system with an IR Eye provides a means to control and setup the shades/draperies from a handheld IR remote. When the IR Eye is first connected to the system a shades/drapes IR remote will control all QS shades/draperies on the QS communication link. The setup procedure provides the ability to assign specific shades/draperies to respond to the IR remote. The complete list of programming functions include:

- Assignment
- Setting Limits
- Storing Presets
- Individual Level Adjust
- Disabling programming
- Disabling LED feedback
- Restoring Factory Defaults

Single Group Remotes

Dual Group Remote

SVIT
SVIT/SH
SVT/CR
SVQ-3PIT
SVT-SH/SH
SVT-SH/CR
SVT-SC-BL

Note: All programming is shown using a single group shade remote. To program a dual group remote, program the first group, then repeat the programming steps on the second group.

Assignment, preset, Individual Level adjust and disabling programming lockout settings are stored in the IR Eye. Once programmed, the IR Eye can be moved to anywhere on the communication link.

Third Party IR Remote Integration

- The maximum number of shade groups is 32 per IR Eye
- Any one shade can be a member of up to 3 shade groups
- Each shade group can have up to 3 presets
- IR codes for third party devices can be found at www.lutron.com/qsireyecodes

1 Assigning Shades/Draperies to the IR Eye

Shades/draperies in the system can be programmed to respond to a shade/drapery remote via the IR Eye. The assignment procedure is used to identify which shades in the system will respond.

1.1 To enter programming mode, Press and Hold Open and Close together (5 sec) until the LED on the IR Eye flashes. It will continue to flash slowly.

Shades/draperies that are unassigned will move to the open limit.
Shades/draperies that are assigned will move to the close limit.

1.2 Tap Open to cycle forward or tap Close to cycle backward through the shades/draperies. Selected shade/drapery will wiggle, or move back and forth a short distance repeatedly.

Note: You will be able to cycle through ALL shades/draperies in the system.

2 Limit Setting

The open and close limits define the boundaries which the shade/drapery can travel during normal operation. They can be set using the IR Eye and a shade/drapery remote.

2.1 To enter limit set mode, Press and Hold Open and Raise together (5 sec) until the LED on the IR Eye flashes. It will continue to double flash.

2.2 Tap Open to cycle forward or tap Close to cycle backward through the assigned shades/draperies. The selected shade/drapery will wiggle.

Note: If the IR Eye is unassigned, it will cycle through ALL shades in the system. Otherwise, it will cycle through only the assigned shades from section 1.

2.3 Press and Hold Lower or Raise to move selected shade/drapery to the desired position

2.4 Press and Hold Open (5 sec) until the LED on the IR Eye flashes to store Open Limit or Press and Hold Close (5 sec) until the LED on the IR Eye flashes to store Close Limit.
Adjust shade/drapery to set another limit (step 2.3) or select another shade/drapery to set its limits (step 2.2).

2.5 To exit, Press and Hold Open and Raise together (5 sec) until the LED on the IR Eye turns off.

3 Storing Preset(s)

IR remotes with one or more preset buttons can be programmed to recall favorite shade/drapery positions. Presets will be stored on all shades that are assigned to the IR Eye.
To store preset(s) only on specific shades/draperies, see the Individual Level Adjust Programming section (section 10). Preset lockout must be disabled prior to storing presets. See Programming Lockout section (section 5).

3.1 Press and Hold Lower or Raise to move shades/draperies to the desired position.

3.2 To store Preset, Press and Hold Preset Button (5 sec) until the LED on the IR Eye flashes.
Individual Level Adjust Programming

Individual level adjust programming provides a means to select specific shades/draperies and position them so they can be recalled to that same position with a single preset button. Preset lockout must be disabled prior to storing presets. See Programming Lockout section (section 5).

4.1 To enter programming mode, Press and Hold Open and Close together (5 sec) until the LED on the IR Eye flashes. Shades/draperies that are unassigned will move to the open limit. Shades/draperies that are assigned will move to the close limit.

4.2 To enter individual level adjust mode, tap any preset button. Shades will move to their current preset location.

4.3 Tap Open to cycle forward or tap Close to cycle backward through the assigned shades/draperies. Selected shade/drapery will wiggle, or move back and forth a short distance repeatedly.

4.4 Press and Hold Lower or Raise to move selected shade/drapery to the desired position.

4.5 Repeat steps 4.3 and 4.4 to adjust additional assigned shades/draperies.

4.6 Press and Hold the Preset Button to store the Preset.

4.7 To exit, Press and Hold Open and Close together (5 sec) until the LED on the IR Eye turns off.

Disabling/Enabling Programming

Programming is enabled by default. Disabling programming prevents a user from accidentally changing a preset, entering program mode or entering limit setting mode during normal use.

5.1 To disable programming, Press and Hold Open and Preset together (5 sec) until LED on IR Eye flashes rapidly for 2 seconds.

5.2 To enable programming, Press and Hold Open and Preset together (5 sec) until LED on IR Eye turns on steady for 2 seconds.

Disabling LED Feedback

The IR Eye has an LED to provide feedback during programming and normal operation. The feedback during normal operation can be disabled. (Feedback during programming cannot be disabled)

To disable LED feedback during normal operation:

To re-enable LED feedback, repeat steps 6.1 to 6.3.

Troubleshooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can’t program IR Eye</td>
<td>Disable programming lockout</td>
</tr>
<tr>
<td>IR remote will not operate shade or drape</td>
<td>Out of range - move to within 30 ft (12 m) of IR Eye</td>
</tr>
<tr>
<td>IR remote batteries are not providing power to remote</td>
<td>Verify drive(s) are assigned to IR Eye</td>
</tr>
<tr>
<td>The green LED on the IR Eye is on steady</td>
<td>Verify a shading remote is being used</td>
</tr>
<tr>
<td>Green LED not responding</td>
<td>LED feedback disabled, re-enable</td>
</tr>
<tr>
<td>Can’t store preset on IR remote</td>
<td>Verify drive(s) are assigned to IR Eye</td>
</tr>
</tbody>
</table>

Lutron, the Sunburst Logo and Sivoia are registered trademarks of Lutron Electronics Co., Inc.

Europe Headquarters | United Kingdom
Lutron EA Ltd
6 Sovereign Close
London, E1W 3UF, UK
TEL: +44.020.7480.6899
FAX: +44.020.7480.6899
FREEPHONE: 0800.282.107

Worldwide Headquarters | USA
Lutron Electronics Co., Inc.
7200 Suter Road
Cooperburg, PA 18036-1299 USA
TEL: 1.610.282.5800
FAX: 1.610.282.5200
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

Lutron EA Ltd
6 Sovereign Close
London, E1W 3UF, UK
TEL: +44.020.7480.6899
FAX: +44.020.7480.6899
FREEPHONE: 0800.282.107

Lutron GL Ltd
15 Hoe Chiang Road
#07-03
Singapore, 089316
TEL: +65.6220.4666
FAX: +65.6220.4333
Technical Support: 650.120.4491

©2010 Lutron Electronics Co., Inc.
P/N 045-326 Rev. A