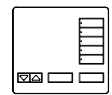


Sivoia® QS Wireless

Tabletop Keypad
 QSW4-T5R, QSW4-T10R,
 QSW4-T15R, QSW4-T5S,
 QSW4-T10S, QSW4-T15S
DC Adapter: T120-9DC-3
 Input: 120 V~ 60 Hz 6.5 W
 Output: 9 V= 300 mA
 Typical Power Consumption*: 0.6 W
 Batteries: 2 AAA alkaline 1.5 V each

Installation Instructions

Please Read Before Installing



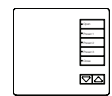
QSW4-T5R



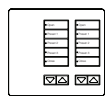
QSW4-T10R



QSW4-T15R



QSW4-T5S



QSW4-T10S



QSW4-T15S

Use these instructions to install the model numbers listed above. For system setup instructions and tools visit: www.lutron.com/radiora2

Important Notes

Codes: Install in accordance with all local and national electrical codes.

Battery Power: Use only high quality AAA alkaline batteries. Battery powered Tabletop Keypads will shut off after a short period of inactivity in order to conserve battery power. Press any button on the Tabletop Keypad to turn it on.

NOTICE: Do not use rechargeable batteries. Using improperly rated batteries could damage the keypad.



WARNING: Risk of fire, explosion and burns. May result in serious injury or death. DO NOT recharge, disassemble, crush, puncture, heat above 212 °F (100 °C) or incinerate the battery. Do not dispose of batteries in normal household waste. Please recycle batteries, take to a battery disposal facility, or contact your local waste disposal provider regarding local restrictions on the disposal or recycling of batteries.

DC Adapter Power: Use only the DC adapter supplied with the keypad.

NOTICE: Using a DC adapter not rated for the proper specifications could damage the keypad and possibly overheat the DC adapter. Refer to the ratings shown at the top of page.

Environment: Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0 to 90% humidity, non-condensing. Indoor use only.

Cleaning: To clean, wipe with a clean damp cloth. DO NOT use any chemical cleaning solutions.

RF Device Placement: RF dimmers, switches, keypads and shades/drapes must be located within 30 ft (9 m) of an RF signal repeater. Remote dimmers and switches are not required to be within a specific range.

Note: To avoid operation issues, Lutron recommends that the keypad, DC adapter and wall bracket should not be painted.

* Typical Power Consumption test conditions: all backlights on medium intensity, nightlight mode enabled , six LEDs on (two presets active per column), keypad powered by the 9 V= adapter supplied.

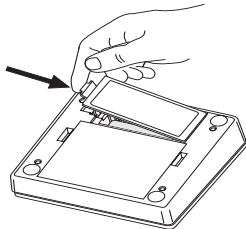
Technical Assistance:
 U.S.A./Canada: 1.800.523.9466
 Mexico: +1.888.235.2910
 Other Countries: +1.610.282.3800
 24 hours a day, 7 days a week.

Installation

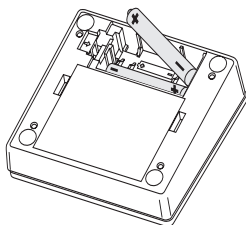
Find a suitable location for the Tabletop Keypad. Place the keypad in a convenient and accessible location within 30 ft (9 m) of an RF signal repeater.

Battery Installation

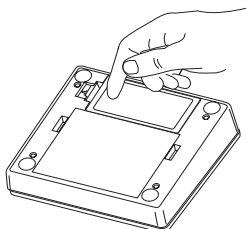
1. Remove the battery cover.



2. Install batteries as shown. Use two (2), 1.5 V AAA alkaline batteries only.



3. Replace battery cover.



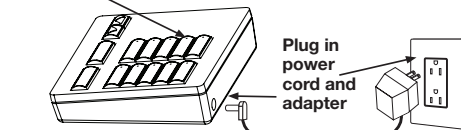
DC Adapter Installation

1. Plug the power cord into the Tabletop Keypad and the DC adapter into an outlet.

Note: The DC Adapter does NOT charge batteries.

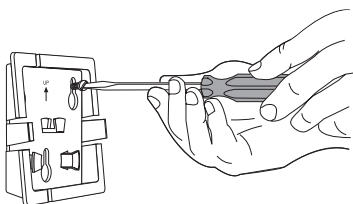
Rechargeable batteries should NOT be used with Tabletop Keypads.

LEDs will flash for 3 seconds when powered



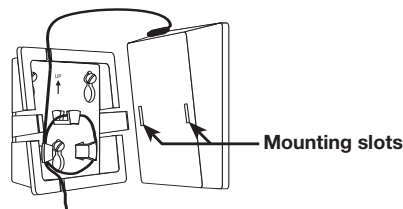
Optional Wall Mounting

1. Attach the wall bracket to the wall using the screws and wall anchors provided with the keypad.



Optional Wall Mounting (continued)

2. Wrap excess power supply cord (if using DC adapter) around the cord holder. Align keypad mounting slots and snap onto the wall bracket.



Setup

To program the system refer to the system Setup Guide.

Troubleshooting Guide

Symptom	Probable Cause and Action
The LEDs on an DC adapter powered keypad do not turn on.	Power not present at the keypad. <ul style="list-style-type: none"> • Verify that the DC adapter is plugged in. Faulty DC adapter. <ul style="list-style-type: none"> • Replace the DC adapter.
A battery powered keypad does not turn on when a button is pressed or turns off immediately after the button is pressed.	Batteries are installed incorrectly. <ul style="list-style-type: none"> • Install batteries as indicated in Battery Installation. Batteries are not making contact with the battery terminals. <ul style="list-style-type: none"> • Adjust the batteries so that they make contact with the battery terminals. Dead, low, or no batteries in the keypad. <ul style="list-style-type: none"> • Install new batteries.
Dimmer, switch or shade/ drapery not controlled by Tabletop keypad.	The dimmer, switch or shade/drapery is not assigned to a keypad. <ul style="list-style-type: none"> • Refer to the system Setup Guide to assign devices to a keypad. Devices are out of range. <ul style="list-style-type: none"> • Ensure all keypads, dimmers, switches and shades/drapes are within 30 ft (9 m) of an RF signal repeater. The lamp(s) is(are) burned out. <ul style="list-style-type: none"> • Replace lamp(s). Either there is no power to the device or the FASS™ switch is pulled out. <ul style="list-style-type: none"> • Ensure that all devices are powered and all FASS switches are pushed in.
Dimmer, switch or shade/ drapery does not go to desired level or position when a scene is selected.	The system is not programmed correctly. <ul style="list-style-type: none"> • Refer to the system Setup Guide to program the system correctly. Devices are out of range. <ul style="list-style-type: none"> • Ensure all keypads, dimmers, switches and shades/drapes are within 30 ft (9 m) of an RF signal repeater.
All LEDs on the keypad flash when any button on the keypad is pressed.	The keypad has been returned to factory settings. <ul style="list-style-type: none"> • Refer to the system Setup Guide. • The keypad must be reprogrammed.

Note: Refer to the system Setup Guide for additional troubleshooting suggestions.

Returning Keypads to Factory Settings

Returning a keypad to its Factory Settings will remove the keypad from the system and erase all programming.

- Step 1:** Triple tap and hold any button (except the raise/lower buttons) on a keypad. DO NOT release the button after the third tap.

Returning Keypads to Factory Settings (continued)

- Step 2:** Keep the button pressed on the third tap until all the LEDs start to flash slowly (approximately 3 seconds).

- Step 3:** Immediately release the button and triple tap it again. The status LEDs will flash quickly. When the LEDs stop flashing, the device has been returned to factory settings.

FCC Information

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.

One Year Limited Warranty

For a period of one year from the date of purchase, and subject to the exclusions and restrictions described below, Lutron warrants each new unit to be free from manufacturing defects. Lutron will, at its option, either repair the defective unit or issue a credit equal to the purchase price of the defective unit to the Customer against the purchase price of comparable replacement part purchased from Lutron. Replacements for the unit provided by Lutron or, at its sole discretion, an approved vendor may be new, used, repaired, reconditioned, and/or made by a different manufacturer. If the unit is commissioned by Lutron or a Lutron approved third party as part of a Lutron commissioned lighting control system, the term of this warranty will be extended, and any credits against the cost of replacement parts will be prorated, in accordance with the warranty issued with the commissioned system, except that the term of the unit's warranty term will be measured from the date of its commissioning.

EXCLUSIONS AND RESTRICTIONS
 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 unit 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; (f) vandalism; or (g) an act of God, such as fire, lightning, flooding, tornado, earthquake, hurricane or other problems beyond Lutron's control.
 2. On-site labor costs to diagnose issues with, and to remove, repair, replace, adjust, reinstall and/or reprogram the unit or any of its components.
 3. Equipment and parts external to the unit, including those sold or supplied by Lutron (which may be covered by a separate warranty).
 4. The cost of repairing or replacing other property that is damaged when the unit does not work properly, even if the damage was caused by the unit.

EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF ANY TYPE, INCLUDING ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. LUTRON DOES NOT WARRANT THAT THE UNIT WILL OPERATE WITHOUT INTERRUPTION OR BE ERROR FREE. NO LUTRON AGENT, EMPLOYEE OR REPRESENTATIVE HAS ANY AUTHORITY TO BIND LUTRON TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE UNIT, 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 LOSS OF PROFITS, CONFIDENTIAL OR OTHER INFORMATION, OR PRIVACY; BUSINESS INTERRUPTION; PERSONAL INJURY; FAILURE TO MEET ANY DUTY, INCLUDING OF GOOD FAITH OR OF REASONABLE CARE; NEGLIGENCE, OR ANY OTHER PECUNIARY OR OTHER LOSS WHATSOEVER), NOR FOR ANY REPAIR WORK UNDERTAKEN WITHOUT LUTRON'S WRITTEN CONSENT ARISING OUT OF OR IN ANY WAY RELATED TO THE INSTALLATION, DEINSTALLATION, USE OF OR INABILITY TO USE THE UNIT 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 SUPPLIER, AND EVEN IF LUTRON OR ANY 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 UNIT, OR ANY AGREEMENT INCORPORATING THIS WARRANTY, AND CUSTOMER'S SOLE REMEDY FOR THE FOREGOING, WILL BE LIMITED TO THE AMOUNT PAID TO LUTRON BY CUSTOMER FOR THE UNIT. THE FOREGOING LIMITATIONS, EXCLUSIONS AND DISCLAIMERS WILL APPLY TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

TO MAKE A WARRANTY CLAIM
 To make a warranty claim, promptly notify Lutron within the warranty period described above by calling the Lutron Technical Support Center at (800) 523-9466. Lutron, in its sole discretion, will determine what action, if any, is required under this warranty. To better enable Lutron to address a warranty claim, have the unit's serial and model numbers available when making the call. If Lutron, in its sole discretion, determines that an on-site visit or other remedial action is necessary, Lutron may send a Lutron Services Co. representative or coordinate the dispatch of a representative from a Lutron approved vendor to Customer's site, and/or coordinate a warranty service call between Customer and a Lutron approved vendor.

This warranty gives you specific legal rights, and 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, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Lutron, the sunburst logo, and Sivoia are registered trademarks of Lutron Electronics Co., Inc.

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 the System or this Warranty, or to make a warranty claim. Please provide the exact model number when calling.

WORLD HEADQUARTERS
 Lutron Electronics Co., Inc. 7200 Suter Road
 Coopersburg, PA 18036 United States
 Tel: +16102823800
 Fax: +16102821243
CUSTOMER SERVICE/EMAIL
shedding@lutron.com

TECHNICAL SUPPORT & SERVICES
USA +16102823800 - 24 hours/7 days
INTERNET: www.lutron.com

Europe Headquarters | United Kingdom
 Lutron EA Ltd
 6 Sovereign Close
 London, E1W 3JF UK
 TEL: +44 (0)20.7702.0657
 FAX: +44 (0)20.7480.6899
 Technical Support: +44 (0)20.7480.6899
 FREEPHONE: 0800.282.107

Asian Headquarters | Singapore
 Lutron GL Ltd
 15 Hoe Chiang Road
 #07-03
 Singapore, 089316
 TEL: +65.6220.4666
 FAX: +65.6220.4333
 Technical Support: 800.120.4491

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