

## seeTouch® Keypads

120 V~ 50/60 Hz 0.5 A

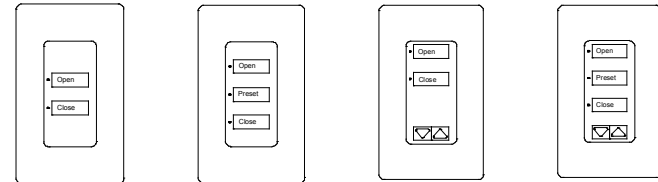
QSWK4-2I-XX-X01    QSWK4-3RI-XX-X01    QSWK4-3DI-XX-X01  
 QSWK4-3I-XX-X01    QSWK4-5RI-XX-X01  
 QSWK4-2RI-XX-X01    QSWK4-2DI-XX-X01

## Installation Instructions

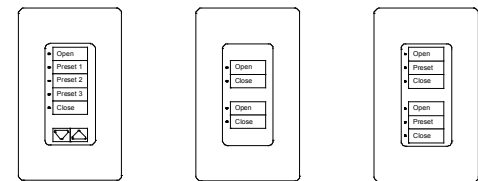
Please read before installing

### Overview

The seeTouch Keypads are for use with Sivoia QS Wireless systems. They are available with seven different button configurations, with a variety of functions, including open, close, preset(s) raise and lower. Two of the configurations allow control of two individual groups of shades from a single keypad.



QSWK4-2I-XX-X01    QSWK4-3I-XX-X01    QSWK4-2RI-XX-X01    QSWK4-3RI-XX-X01



QSWK4-5RI-XX-X01    QSWK4-2DI-XX-X01    QSWK4-3DI-XX-X01

### Important Notes:

**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.

**Wallplates:** Use only Lutron® wallplates with these devices. The mechanical design of the keypad is NOT compatible with non-Lutron wallplates. Non-Lutron wallplates will NOT sit flush against the wall. Claro® and Satin Colors® wallplates are strongly recommended for best color match and clean aesthetic appearance. Do not paint controls, buttons, or wallplates.

**Cleaning:** To clean, wipe with a clean damp cloth. Do not use any chemical cleaning solutions.

**Wallboxes:** All keypads require a U.S. wallbox. 3 1/2 in (89 mm) deep recommended, 2 1/4 in (57 mm) deep minimum.

### Wireless shade placement:

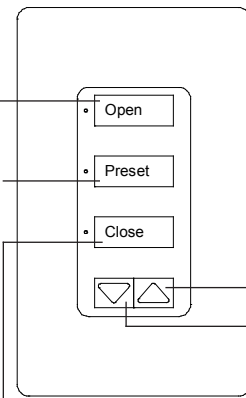
\* The range and performance of the Sivoia® QS Wireless system is highly dependent on a variety of complex factors such as: Distance between system components, geometry of the home, construction of walls separating system components, or other electrical equipment located near system components. All shades or drapes must be within 30 ft (9 m) of an assigned keypad

## 1 Sivoia QS seeTouch Keypad Operation

**Top (Open) Button:**  
Tap once: shade(s) or drape(s) go to open limit.

**Preset Button(s):**  
Tap once to recall the shade or drape to the preset position stored with that button. (Keypads available with up to three presets)

**Bottom (Close) Button:**  
Tap once: shade(s) or drape(s) go to close limit.



**Raise Button:**  
Press and hold: Shade(s) or Drape(s) move towards the open limit.

**Lower Button:**  
Press and hold: Shade(s) or Drape(s) move towards the close limit.

## 2 Installation

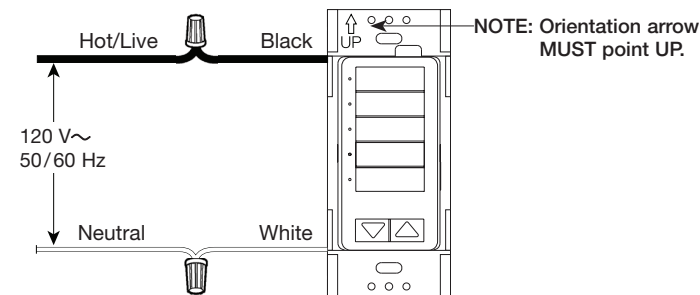
**WARNING:** To avoid the risk of electric shock, locate and remove fuse or lock circuit breaker in the OFF position before proceeding. Wiring with power ON could result in serious injury or death.

2.1 Turn power OFF at fuse box or circuit breaker

2.2 Prepare wires. When making wire connections, follow the recommended strip lengths and combinations for the supplied wire connectors. Note: Wire connectors provided are suitable for copper wire only.

- Strip insulation 3/8 in (10 mm) for 14 AWG (2.5 mm<sup>2</sup>).
- Strip insulation 1/2 in (13 mm) for 18 AWG (0.75 mm<sup>2</sup>).
- Use a wire connector to join two 14 AWG (1.5 mm<sup>2</sup>) or 12 AWG (2.5 mm<sup>2</sup>) wires.

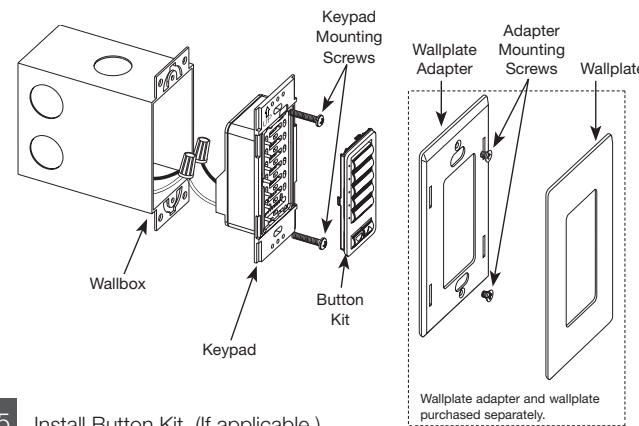
2.3 Wire control



## 2 Installation (continued)

2.4 Push all wires back into the wallbox and loosely fasten the control to the wallbox using the keypad mounting screws provided. Do not pinch the wires. See Mounting Diagram below.

### Mounting Diagram



2.5 Install Button Kit. (If applicable.)

2.6 Attach Lutron Claro® or Satin Colors® wallplate adapter and wallplate (See Mounting Diagram).

- Install the wallplate adapter onto the front of the Keypad(s).
- Tighten keypad mounting screws until wallplate adapter is flush to wall (do not over-tighten).
- Snap wallplate onto wallplate adapter, and verify that buttons are aligned properly.
- If control(s) are misaligned, loosen keypad mounting screws appropriately.

2.7 Restore power

## 3 Assigning Shade(s) or Drape(s) to the Sivoia QS Wireless seeTouch Keypad

3.1 Place Shade(s) or Drape(s) in assignment mode: On the drive unit, press and hold open limit button (⏏) for 5 seconds, (LED will flash then turn on steady) then tap CW button (⏴). LED on drive and wireless receiver will blink twice, pause, blink twice continuously.

3.2 **Complete assignment process:** Press and hold the bottom (Close) button of the keypad for 5 seconds. The LED on the shade(s) or drape(s) will turn off. The shade(s) or drape(s) will also move a short distance in both directions, or “wiggle”, one time. This confirms that the shade(s) or drape(s) have been assigned to the keypad, and exits all shade(s), drape(s) and keypad from assignment mode.

To assign shade(s) or drape(s) to additional Sivoia QS Wireless seeTouch Keypads, repeat steps 3.1 and 3.2.

## 4 Un-assigning Shade(s) or Drape(s) from a Sivoia QS Wireless seeTouch Keypad

4.1 Un-assigning Shade(s) or Drape(s) from a keypad must be done by restoring the Factory Default Settings. Restoring the keypad to Factory Default will un-assign ALL Shade(s) or Drape(s) previously assigned to that keypad. Refer to section 6, Restoring Factory Default Settings.

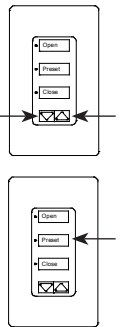
## 5 Storing Presets

If the keypad has preset buttons, the shade(s) or drape(s) can be recalled to the desired position stored with the preset button(s).

5.1 Position the shade(s) or drape(s) to the desired setting using the Raise and Lower buttons, or Open and Close buttons.

5.2 Press and hold the desired preset button for 3 seconds. The green LED next to the button will flash rapidly then turn on steady, indicating the preset has been stored.

Repeat steps 5.1 and 5.2 to store additional presets.



## 6 Restoring Factory Default Settings

6.1 Triple tap, then press and hold the Top (Open) button for 5 seconds. All LED's will flash slowly.

### Immediately

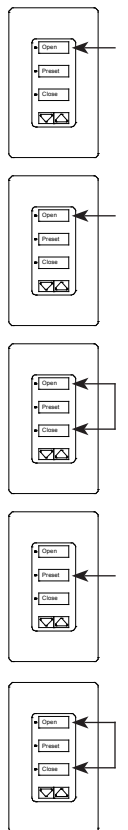
Triple tap the Top (Open) button. All LED's will flash quickly then turn off

6.2 Press and hold both the Top (Open) and Bottom(Close) buttons for 5 seconds. Open and close LED's will flash then turn off.

6.3 Tap all preset buttons, if present on your keypad.

6.4 Press and hold both the Top (Open) and Bottom (Close) buttons for 5 seconds. LED's will flash then turn off.

6.5 ALL Shade(s) and Drape(s) are now unassigned from that control.



## 7 Troubleshooting

Symptom	Solution
LEDs don't light up when buttons are pressed	Power not present at keypad • Circuit breaker OFF. Turn ON breaker. • Incorrect wiring. Wire the keypad according to the Installation section.
Shade(s) or Drape(s) will not respond to the wireless control	Shade or drape is not powered – Verify the device is powered No shade or drape assigned to the keypad – Assign device(s) to the keypad Out of range – move wireless control within 30 ft (9m) of shade or drape

## 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.

## Warranty

Lutron Electronics Co., Inc.

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.

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### 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.

These products may be covered under one or more of the following U.S. patents: 5,838,226; 5,848,054; 5,905,442; 5,982,103; 6,887,487; 6,803,728; 7,142,932; D453,742; D456,783; D461,782; D465,460; D465,770 ; and corresponding foreign patents. Other U.S. and foreign patents may be pending.

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