

## Stanza™ Keypads SZ-2B, SZ-3B, SZ-4B, SZ-5B, SZ-3/1B

### Installation Instructions

Please Read Before Installing

120 V~ 50/60 Hz 0.5 W



### Important Notes

Install in accordance with all local and national electrical codes.

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

**Spacing:** If mounting one control above another, leave at least 4.5 in (114 mm) vertical space between them.

**Faceplates:** Use Lutron *Stanza* faceplates for best color match and aesthetic appearance. Do not paint controls or faceplates.

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

**Wallboxes:** Lutron recommends using 3.5 in (89 mm) deep wallboxes for easier installation.

**RF Device Placement:** RF keypads must be located within 20 feet (6 m) of an RF signal repeater or a device configured as a repeater.

*Stanza* RF keypads cannot control any device in the system until they are addressed and programmed. When powered and unaddressed, they turn on their button backlights to indicate proper operation.

### 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 and commercial 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 or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or 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.

### Installation



**WARNING!** Wiring with power ON may result in personal injury or death. Locate and remove fuse or lock circuit breaker in the OFF position before proceeding.

1. Turn power OFF at fusebox or circuit breaker.

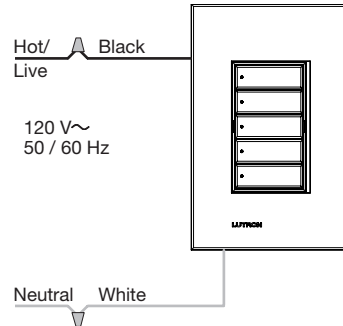
2. Prepare wires. When making wire connections, follow the recommended strip lengths and combinations for the supplied wire connector. Note: Wire connectors provided are suitable for copper wire only.

#### Wire Connector:

- Strip insulation 3/8 in (9.5 mm) for 14 AWG (1.5 mm<sup>2</sup>) wire.
- Strip insulation 1/2 in (12.7 mm) for 16 or 18 AWG (1.0 or 0.75 mm<sup>2</sup>) wire.

3. Wire controls as follows:

- Connect the black control wire to the Hot/Live wire coming from the distribution panel.
- Connect the white control wire to the Neutral wire coming from the distribution panel.
- Twist wire connector tight.



4. Push all wires back into the wallbox and **loosely** fasten the control to the wallbox using the control mounting screws provided. Do not pinch the wires.

5. Attach Lutron *Stanza* faceplate adapter and faceplate. See Mounting Diagram.

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

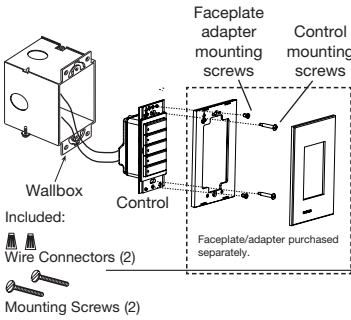
6. Restore power. Check for correct local operation (see Operation). Keypad will not control a remote device until it is addressed.

### FCC Information

Changes or modifications not expressly approved by Lutron Electronics Co. could void the user's authority to operate this equipment.

**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. Operation is subject to the following: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

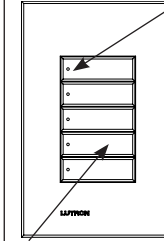
### Mounting Diagram



**Correct:** Keypad protrudes from faceplate.

**Incorrect:** Keypad is flush with faceplate. Loosen control mounting screws.

### Operation



**Status LEDs**  
Indicate current scene selected; all glow softly as night lights when scene is not selected. If keypad is unprogrammed, all LEDs flutter when any button is pressed.

#### Keypad Buttons

Buttons are backlit for easy location in a darkened room.

#### Returning the Keypad to Factory Settings

- Triple-tap a button on the keypad quickly (within 1 second).
- Press and hold the same button on the keypad for 5 seconds (until the status LEDs flash).
- Triple-tap the same button on the keypad quickly again.

#### Notes

- Returning to factory settings will clear all programming from the keypad, and will prevent any device from being controlled by the keypad over RF.
- After being returned to factory defaults, the device will need to be re-addressed as part of a system.

### Troubleshooting Guide

Symptom	Cause and Action
Keypad LEDs do not light	Power not present <ul style="list-style-type: none"> <li>• Circuit breaker OFF or tripped. Perform short circuit check.</li> </ul>
	Wiring error <ul style="list-style-type: none"> <li>• Check wiring to be sure it matches installation instructions and wiring diagrams.</li> </ul>
Lights do not respond to a button press	Improper programming <ul style="list-style-type: none"> <li>• Check programming in the <i>Stanza</i> software.</li> </ul>
	Out of RF range <ul style="list-style-type: none"> <li>• Ensure device is within 20 feet (6 m) of another device configured as a repeater.</li> </ul>
All status LEDs flash when each keypad button is pressed	Keypad is not addressed to the system <ul style="list-style-type: none"> <li>• Address device as part of a <i>Stanza</i> system.</li> </ul>

**Technical support:** USA, Canada, Caribbean: 1.800.523.9466  
Mexico: +1.888.235.2910  
Central/South America: +1.610.282.6701

**Warranty:** 1-year limited warranty standard. 2-year parts and labor warranty, with 8-year pro-rated parts replacement on systems that include factory startup.

These products may be covered under one or more of the following U.S. patents: 5,248,919; 5,637,930; 5,838,226; 5,848,054; 5,905,442; 6,687,487; 6,803,728; and corresponding foreign patents. U.S. and foreign patents pending. Lutron and the sunburst logo are registered trademarks and *Stanza* is a trademark of Lutron Electronics Co., Inc.  
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