

## 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.



**Caution!** These controls must not be used to control equipment that is not visible from every control location. They must also not be used to control equipment that could create hazardous situations such as entrapment if operated accidentally. Examples of such equipment which must not be operated by these controls include (but are not limited to) industrial doors, microwave ovens, heating pads, etc. It is the installer's responsibility to ensure that the equipment being controlled is visible from every control location and that only suitable equipment is connected to these controls.

**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 4½ 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, 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. 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.

### Installation



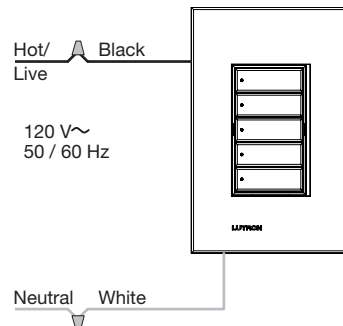
**Caution!** Locate and remove fuse or lock circuit breaker in the OFF position before proceeding. Wiring with power ON may result in personal injury or death.

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:

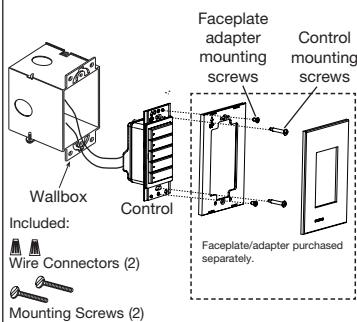
- Strip insulation 3/8 in. (9.5 mm) for #14 AWG (1.5 mm<sup>2</sup>) wire
  - Strip insulation 1/2 in. (12.7 mm) for #16 or 18 AWG (1.0 mm<sup>2</sup> or 0.75 mm<sup>2</sup>) wire
- Twist wire connector tight.

3. Wire controls as follows:
  - a. Connect the black control wire to the Hot/Live wire coming from the panel.
  - b. Connect the white control wire to the Neutral wire coming from the panel.

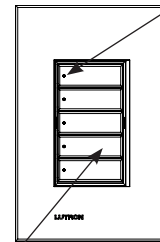


4. Push all wires back into the wallbox and **loosely** fasten the control to the wallbox using the control mounting screws provided. Do not pinch the wires.
5. Attach Lutron *Stanza* faceplate adapter and faceplate.
  - a. Install faceplate adapter onto front of control(s).
  - b. Tighten control mounting screws until faceplate adapter is flush to wall (do not over-tighten).
  - c. Snap faceplate onto faceplate adapter, and verify that control is aligned properly.
  - d. If control(s) is (are) misaligned, 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.

### Mounting Diagram



### Operation



**Status LEDs**  
 Indicate current scene selected; all glow softly as night lights when scene is not selected

#### Keypad Buttons

Can be programmed to control one or more zones or contact closure outputs. Buttons are backlit for easy location in a darkened room.

#### Returning the Dimmer/Switch to Factory Settings

1. Triple-tap a button on the keypad quickly (within 1 second).
2. Press and hold the same button on the keypad for 5 seconds (until the status LEDs flash).
3. 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 it from being controlled 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 • Circuit breaker OFF or tripped. Perform short circuit check.
	Wiring error • Check wiring to be sure it agrees with installation instructions and wiring diagrams.
Lights do not respond to a button press	Improper programming • Check programming in the <i>Stanza</i> software.
	Out of RF range • Ensure device is within 20 feet (6 m) of another device configured as a repeater.
All status LEDs flash when each keypad button is pressed	Keypad is not addressed to the system • Address device as part of a <i>Stanza</i> system.

**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 commissioned systems.

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 FASS and Stanza are trademarks of Lutron Electronics Co., Inc.  
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