

SZ-CI-PRG Programming Control Interface



Description

The *Stanza* system is an easy-to-install and easy-to-use lighting control system designed especially for hotel guest rooms and similar applications. The system consists of wallbox dimmers, wallbox switches, line-voltage wallbox keypads, low-voltage interfaces, and lamp socket dimmer/switches. All of these devices communicate via radio frequency (RF) within each individual guest room.

The *Stanza* programming control interface allows setup, commissioning, and modification of *Stanza* systems, and can also be used to integrate with a PC or other digital equipment that supports TCP/IP over 10/100 BaseT Ethernet or RS232 connections.

Features

- Integrates a *Stanza* guest room lighting control system with a PC or other digital equipment that supports RS232 or Ethernet TCP/IP communication.
- Provides a basic serial string command set that allows a PC to monitor and control lighting.
- Enables use of a PC to set up and commission *Stanza* systems.
- At least one SZ-CI-PRG is required per job for commissioning or system modification. Programmed and commissioned systems do not require a SZ-CI-PRG to be present for continued operation.
- Wireless connection allows easy mounting near integration device.

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 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.

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

Job Name:	Model Numbers:
Job Number:	

Specifications

Standards:

- FCC approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules

Power:

- Low-voltage PELV (Class 2: USA).
- Operating Voltage: 15 - 24 V $\overline{=}$, 500 mA maximum.
- AC adapter included (requires 120 V \sim outlet).

Integration:

- Provides one 10/100 Base T (autosensing) Auto-MDIX jack for connecting to an Ethernet network using TCP/IP.
- Provides one DB9 RS232 jack for connecting to a serial device.
- Baud rates supported over RS232: 9600, 38400, 115200.

Key Design Features:

- LED status indicators provide device diagnostics
- Power failure memory: if power is interrupted, when the power is restored, device will retain all settings that were in place prior to the interruption

System Communication and Capacity:

- Programming control interface communicates with other *Stanza* system components through radio frequency (RF) at 434 MHz
- Multiple RF channels and thousands of system addresses prevent interference between systems
- When used only for commissioning and programming, programming control interface does not count toward the single-system maximum of 31 *Stanza* devices

Environment:

- Ambient operating temperature: 32 - 104 °F (0 - 40 °C)
- Maximum 90% non-condensing relative humidity
- Indoor use only
- Cannot be mounted in a metal enclosure (interferes with RF reception).

Warranty:

- 1-year limited warranty
- 2-year full parts and labor warranty, with 8-year pro-rated parts replacement on commissioned systems

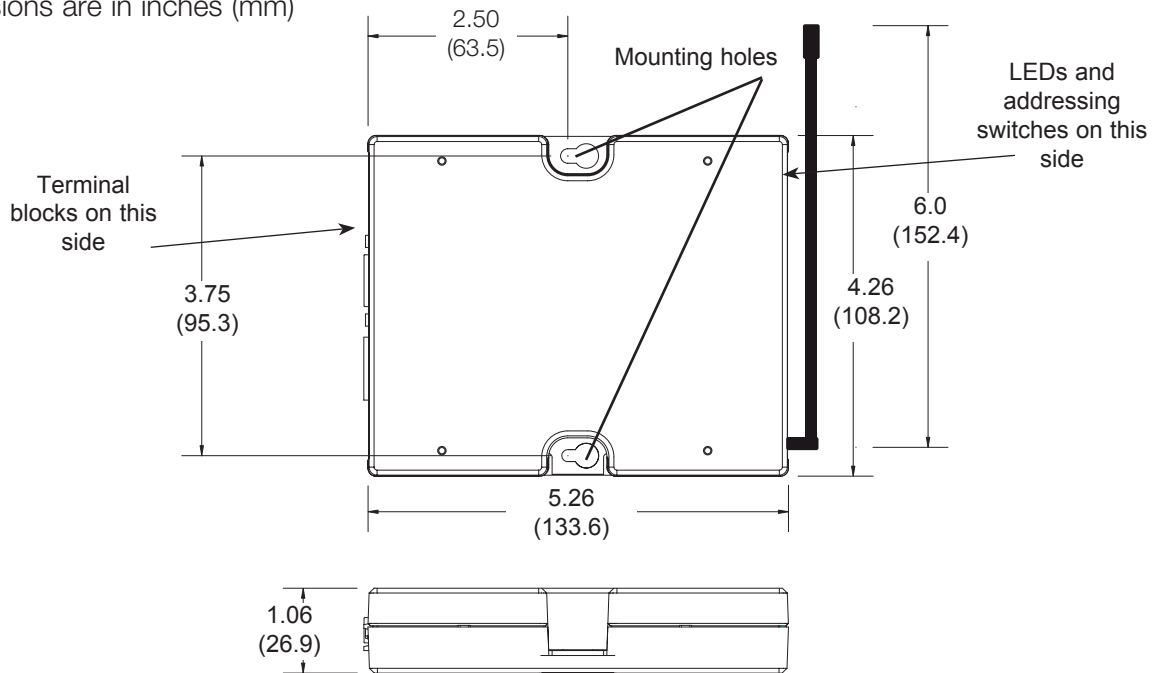
Color/Finish Codes:

- Black only

Job Name:	Model Numbers:
Job Number:	

Dimensions

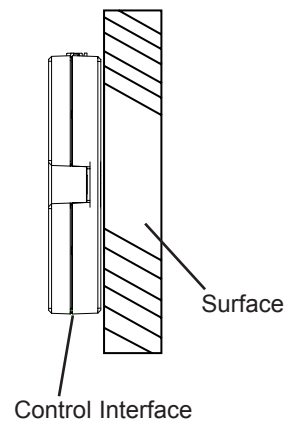
Dimensions are in inches (mm)



Mounting

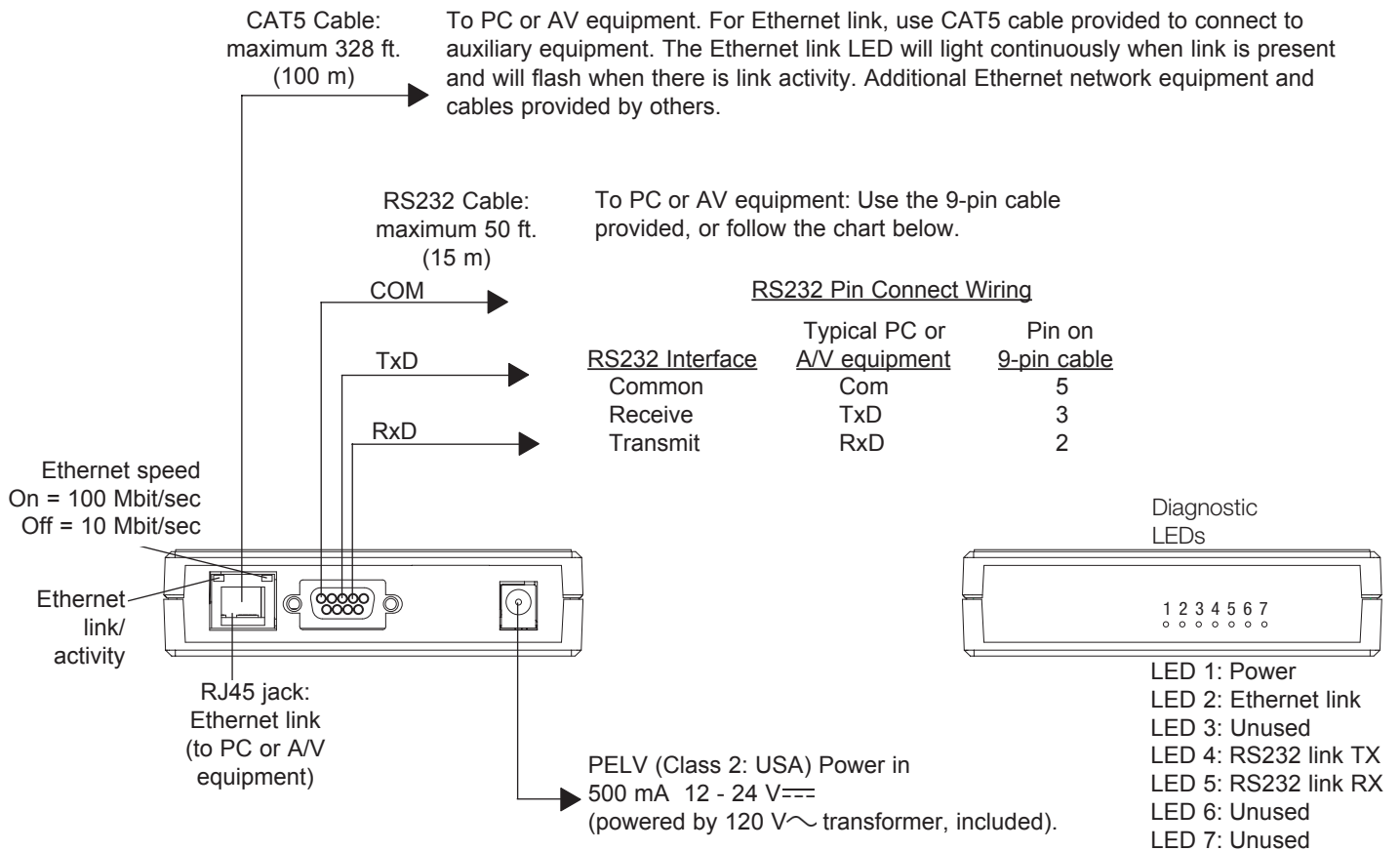
1. Mount the control interface directly on a surface, as shown in the Mounting Diagram, using screws (not included). When mounting, provide sufficient space for the antenna and connecting cables. The unit can be mounted in any orientation. The unit cannot be mounted in a full metal enclosure. The antenna is not removable or remotely mountable. Mount in an accessible location for convenient access to addressing switches, LEDs, and terminal blocks.
2. Connect wiring as shown in the Wiring Diagram (next page).

Mounting Diagram

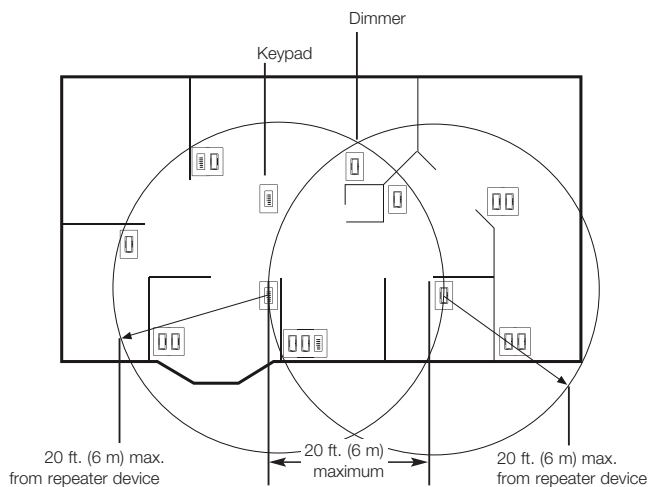


Job Name:	Model Numbers:
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Wiring Diagram



System Overview



System Communication Notes

- *Stanza* lighting controls, keypads, and interfaces must be located within 20 feet (6 m) of a *Stanza* device configured as a repeater. Multiple devices configured as repeaters may be necessary to provide adequate coverage.
- A total of 3 devices maximum can be configured as repeaters.
- Devices configured as repeaters must be within 20 feet (6 m) of another device configured as a repeater.
- *Stanza* lighting controls cannot be controlled wirelessly and *Stanza* keypads will not function until they are addressed and programmed.

System Limits

- 31 devices maximum
- 20 feet (6 m) from device to repeater devices
- Dimmers, keypads, or contact closure devices can be repeaters

Job Name:	Model Numbers:
Job Number:	