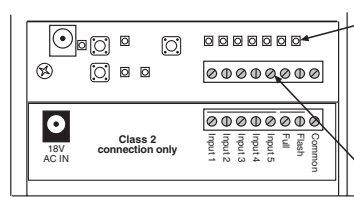


## Operation



LEDs glow when associated Scene lights are ON.

Input Channels accept switch closures to turn lights ON/OFF.

**NOTE:** Switch Closure Interface will not operate until it has been programmed.

*For instructions on programming your Switch Closure Interface control, refer to the RadioRA® Setup Guide that is included with a system an RF Signal Repeater.*

## Technical Assistance

If you have questions concerning the installation or operation of this product, call the **Lutron Technical Support Center**. Please provide exact model number when calling.

(800) 523-9466 (U.S.A., Canada, and the Caribbean)  
Other countries call (610) 282-3800  
Fax (610) 282-3090  
Visit our web site at [www.lutron.com](http://www.lutron.com)

## Troubleshooting

Symptom	Possible Cause
Switch Closure Interface appears not to be working.	<ul style="list-style-type: none"> <li>No power available to unit.</li> <li>Faulty power supply .</li> <li>Switch Closure Interface not programmed.</li> </ul>

## 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, 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.

## Limited Warranty

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage pre-paid.

**THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO ONE YEAR FROM PURCHASE. THIS WARRANTY DOES NOT COVER THE COST OF INSTALLATION, REMOVAL OR REINSTALLATION, OR DAMAGE RESULTING FROM MISUSE, ABUSE, OR IMPROPER OR INCORRECT REPAIR, OR DAMAGE FROM IMPROPER WIRING OR INSTALLATION. THIS WARRANTY DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES. LUTRON'S LIABILITY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, OR USE OF THE UNIT SHALL NEVER EXCEED THE PURCHASE PRICE OF THE UNIT.**

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.

This product may be covered under one or more of the following U.S. patents: 4,835,343; 4,954,768; 5,248,919; 5,399,940; 5,637,930; 5,736,965; 5,798,581; 5,838,226; 5,848,054; 5,905,442; 5,982,103; DES 353,798; DES 378,814; DES 389,461; DES 389,805; DES 395,037; DES 404,013; DES 422,969; DES 428,855; DES 436,579; DES 439,220 and corresponding foreign patents. U.S. and foreign patents pending. Lutron, Claro, and RadioRA are registered trademarks, and FASS is a trademark of Lutron Electronics Co., Inc.

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Lutron Electronics Co., Inc.  
7200 Suter Road  
Coopersburg, PA 18036-1299, U.S.A.  
Made and printed in the U.S.A. 6/01 P/N 044-015 Rev. A

**LUTRON®**

English

P/N 044-015

# RadioRA®

Wireless Home Lighting Control

## Installation Instructions for Switch Closure Interface

**Please Leave for Occupant**

## Switch Closure Interface RA-SCI, RB-SCI

120/127VAC, 50/60Hz

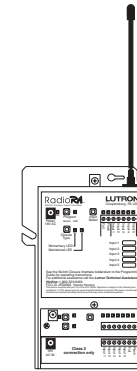
**Read all instructions completely before installation.**

### Important Notes

- Install in accordance with all national and local electrical codes.
- Do not paint the Switch Closure Interface.
- Operate in ambient temperatures between 0°C (32°F) and 40°C (104°F).
- Use only the AC adapter provided by Lutron with your Switch Closure Interface unit. Using an AC adapter not rated at the following specifications could damage the control and possibly overheat the AC adapter.
  - Input: AC 120/127V 50/60Hz 10W
  - Output: AC 18V 300mA Class 2
- The range and performance of the RadioRA® 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
  - Electrical equipment located near system components
- Input channels will accept dry contact closures and open collector outputs ( $V_{ce} \leq 0.3V$ ) only. **Do not** apply voltage to any input channel. Applying voltage to any input channel may permanently damage the unit and will void the warranty.
- Each external switch closure that is wired to an input channel on the Switch Closure Interface must be able to sink 10mA.
- Do not mix RadioRA® "A" and "B" frequency products within the same system. Products with different frequencies **are not** compatible.

## Installation Contents

**Installation**  
Installing a Switch Closure Interface.



### Operation

Operating a Switch Closure Interface.



### DANGER -

- Do not connect line voltage power to the Switch Closure Interface.
- Connecting line voltage power or improper wiring can result in personal injury or damage to the control or to other equipment.
- All external control equipment must maintain Class 2 isolation.



**NOTE:** Switch Closure Interface will not operate until it has been programmed.

*For instructions on programming your Switch Closure Interface control, refer to the RadioRA® Setup Guide that is included with an RF Signal Repeater.*

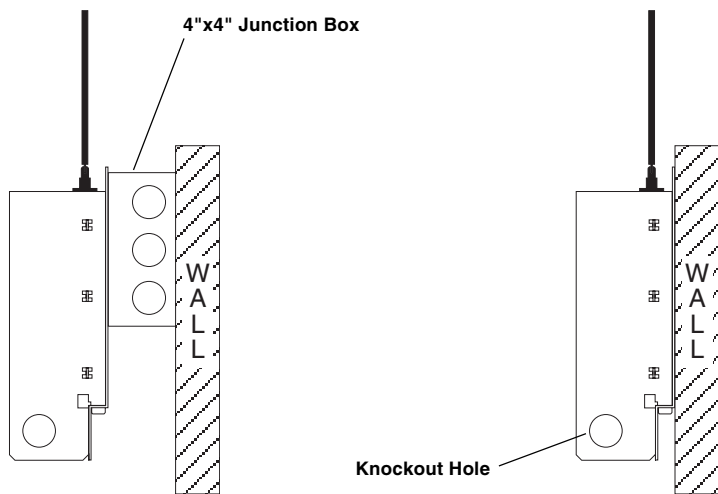
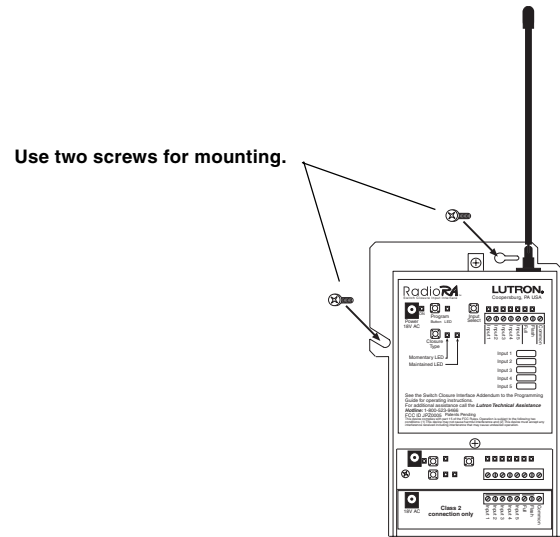
**LUTRON®**

# Switch Closure Interface Installation

✓ Check off Steps as completed.

**Step 1** Find a suitable location for the Switch Closure Interface. Place the Switch Closure Interface in a convenient and accessible location. **Note:** Switch Closure Interface must be located within 30 feet (9m) of an RF Signal Repeater.

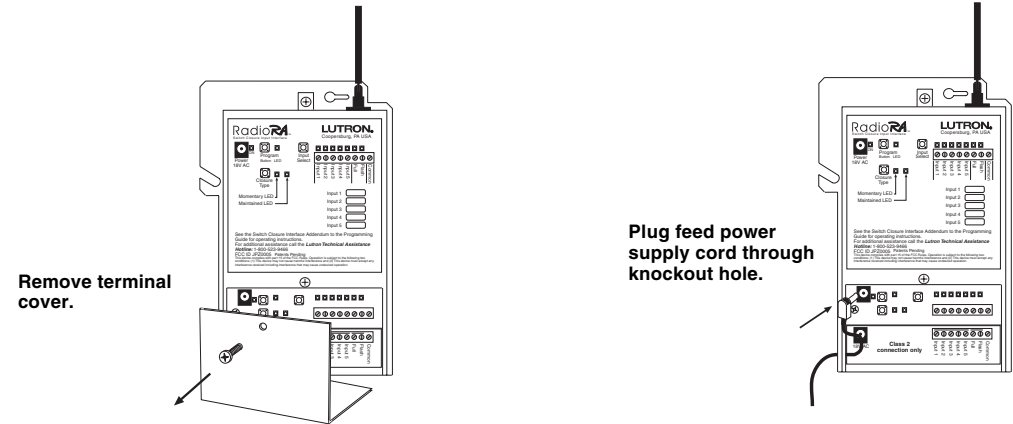
**Step 2** Mount the Switch Closure Interface. Using two screws, mount the Switch Closure Interface to a 4"x4" junction box or directly to a wall (screws and wall anchors provided).



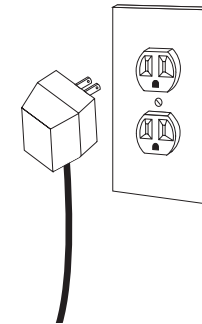
Mounting to junction box.

Mounting to wall.

**Step 3** Remove terminal cover. Attach the power supply cord to the Switch Closure Interface (jack located in the bottom left corner). Power supply cord must enter unit through a knockout hole located on either side of the unit. Place the provided grommet in the knockout hole before wiring.



**Step 4** Plug the other end of the power supply into a 120/127VAC, 50/60Hz wall receptacle.



**Step 5** Wire external switch closures to terminal block inputs. Wires must enter unit through the knockout hole used in Step 3. Replace the terminal cover after wiring.

