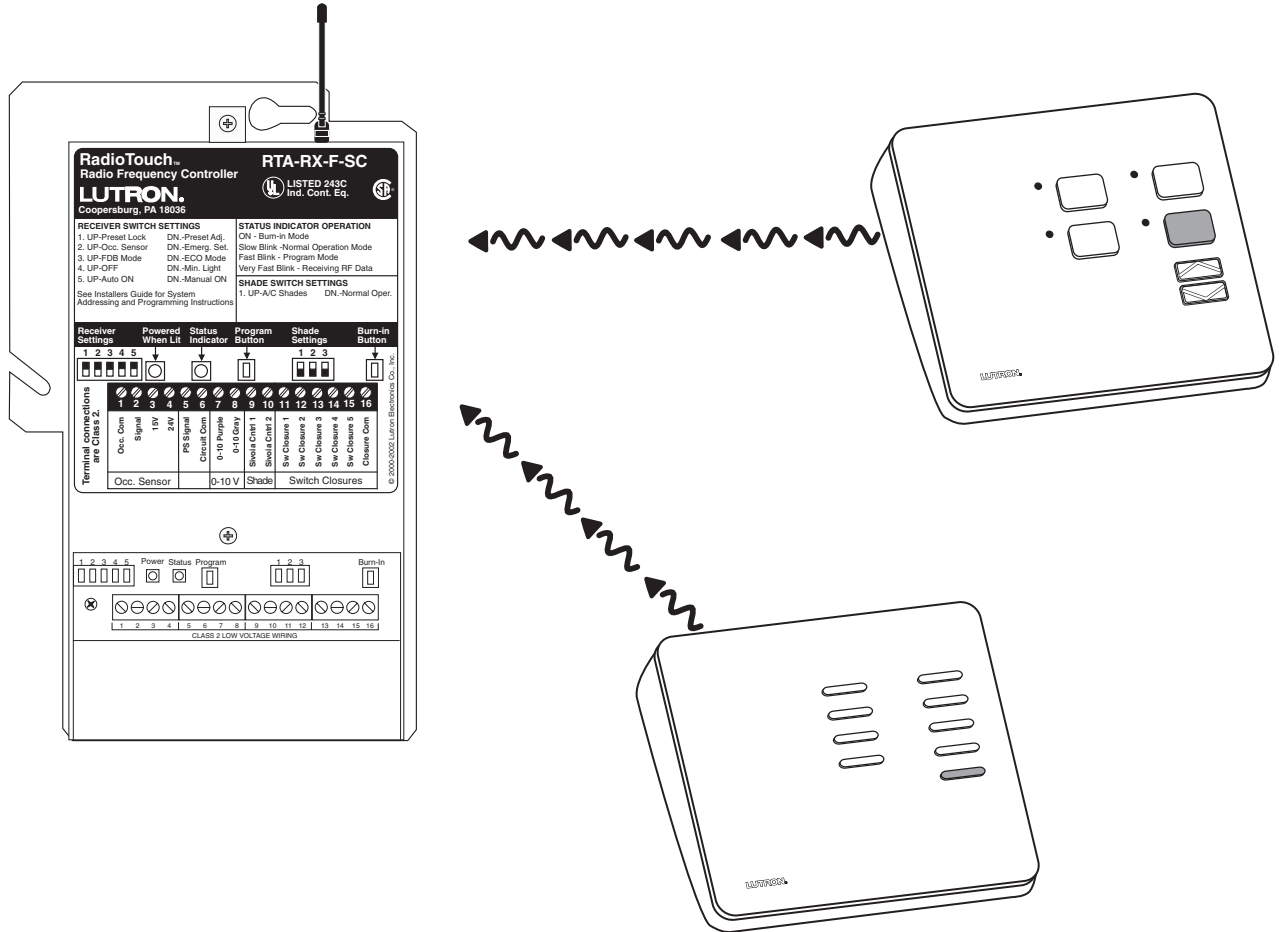


Attention Contractors...



*Radio***Touch**TM

Installer's Guide Addendum for Tabletop Transmitters

**A Step-by-Step Guide for Installing, and Operating
Tabletop Transmitters for use with a Lutron RadioTouchTM
Visual Environment Control System**

LUTRON[®]



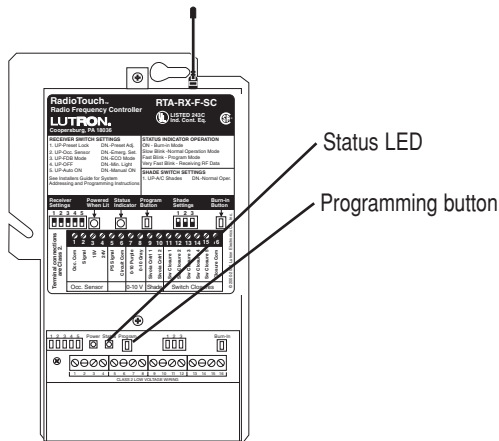
Hardware Installation RadioTouch

Addressing a Tabletop Transmitter

Each column of buttons on the tabletop transmitter must be addressed to the Controller that you wish to control with that column.

Addressing Columns of Buttons

Step A - Press and release the programming button on the Controller. After the button is pressed the lights will cycle up and down for 3 seconds to notify you that you are in programming mode, and settle at 50% light output. If you are using an RTA-RX-SW the lights will cycle OFF and ON. The Status LED will be in *fast blink* mode.

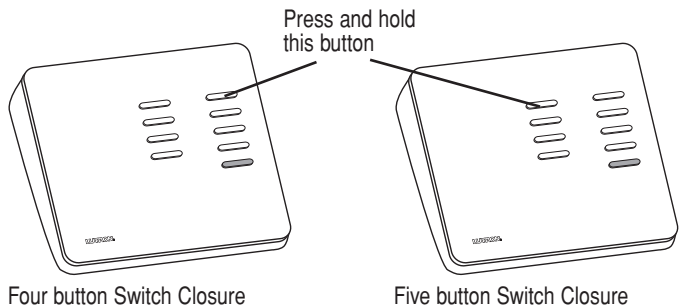
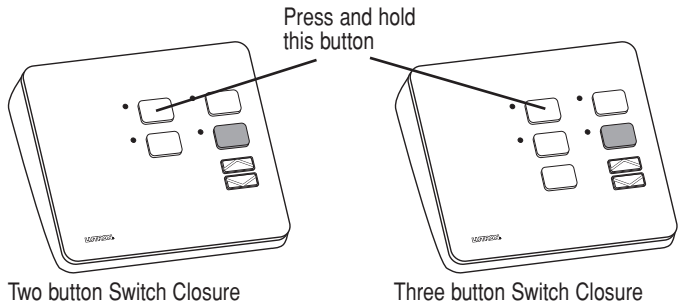
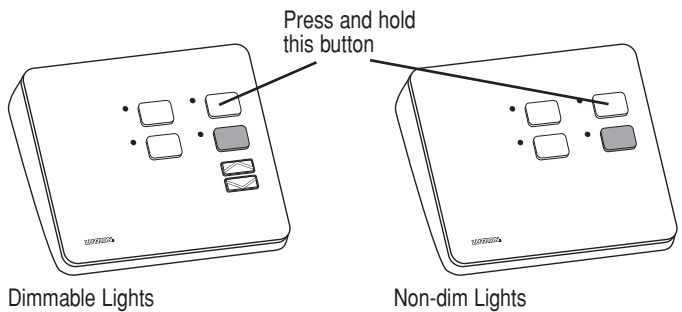


Step A & C

Step B - While in programming mode press the corresponding button in the column that you want to control the receiver and hold for 5 seconds (see Transmitter diagrams below). The Controller will flash or cycle the lights OFF and ON when the transmitter is added. If no lights are being controlled by the receiver, you will not get visual feedback.

Step C - Press the programming button again to exit from programming mode. The lights will go to high end and the Status LED will return to *slow blink* mode. If you are using an RTA-RX-SW the lights will cycle OFF and ON. To test the tabletop transmitter for lights, press any button in the column added on the tabletop transmitter and verify that the lights respond. For Sivoia® shades, press any button and see that the shades move. If no response return to step A and be sure to hold the buttons for 5 seconds while in step B.

Step D - Repeat steps A through C for each column you need to address to a Controller.



Step B - Columns of buttons



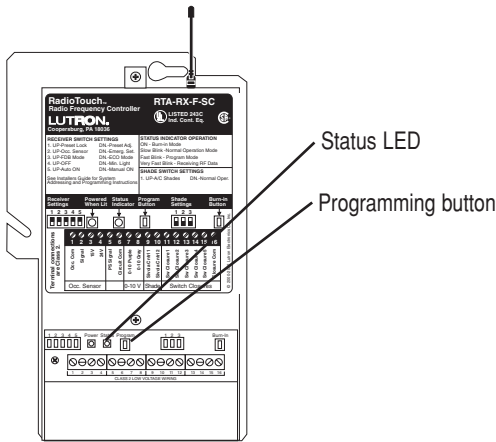
Hardware Installation RadioTouch

Deleting a Tabletop Transmitter

Each column of buttons on the tabletop transmitter must be deleted separately from the Controller that you no longer wish to control.

Deleting Columns of Lights

Step A - Press and release the programming button on the Controller. After the button is pressed the lights will cycle up and down for 3 seconds to notify you that you are in programming mode, and settle at 50% light output. If you are using an RTA-RX-SW the lights will cycle OFF and ON. The Status LED will be in *fast blink* mode.

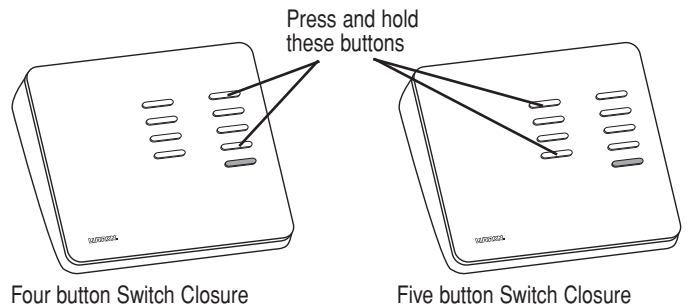
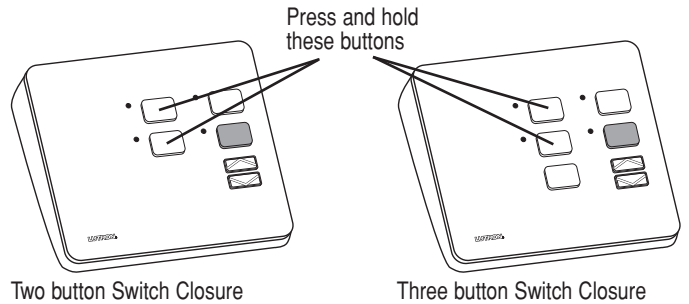
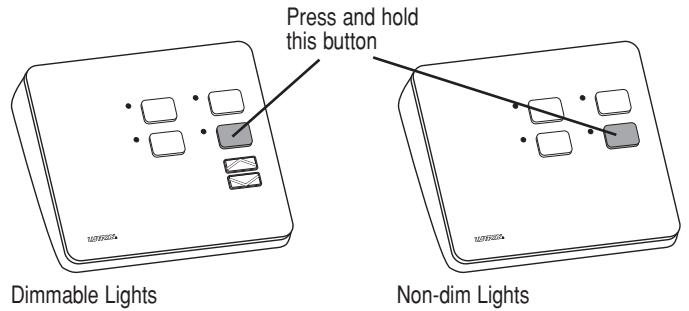


Step A & C

Step B - While in programming mode press the corresponding buttons in the column that you want to delete from the Controller and hold for 5 seconds (see Transmitter diagrams below). The Controller will flash the lights when the transmitter is deleted. If no lights are being controlled by the Controller, you will not get visual feedback.

Step C - Press the programming button again to exit from programming mode. The lights will go to high end or turn ON, and the Status LED will return to *slow blink* mode. To test the Tabletop Transmitter press any button on the transmitter in the column that has been deleted and verify that the lights or shades do not respond.

Step D - Repeat for each row you need to delete from a Controller.



Step B - Columns of buttons



Hardware Installation

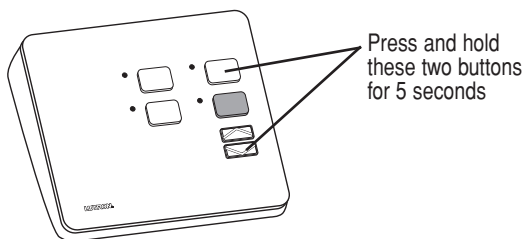
RadioTouch

Setting the ON light level of a two button, dimmable lighting column - Remote Method

Note: No DIP switches need to be switched to perform this operation.

Step A - Press and hold the ON and the lower buttons for 5 seconds. The lights will flash to notify you that you are in Preset Adjust Mode, and settle at 100% light level.

Step B - Using the raise/lower buttons in that column on the transmitter controlling the Controller that you are adjusting, set the lights at the new ON level.



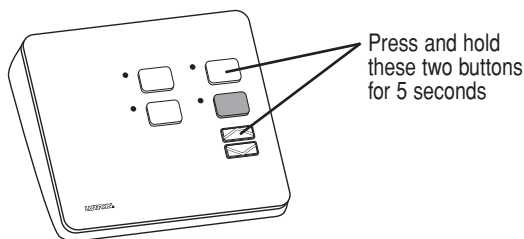
Step A & D

Step C - Press and hold the ON and raise buttons for 5 seconds. The lights will flash to notify you that the ON level has changed.

Step D - Press and hold the ON and the lower buttons for 5 seconds to exit Preset Adjust Mode. The lights will flash and return to their maximum light level. Test the ON button to make sure the light level is correct. If not, repeat steps A through D.

Notes:

- The Controller will not react to preset button presses from any transmitter while the Controller is in Preset Adjust Mode.
- Preset light levels may be affected by a photosensor input. As ambient light increases / decreases the preset light levels will scale accordingly.

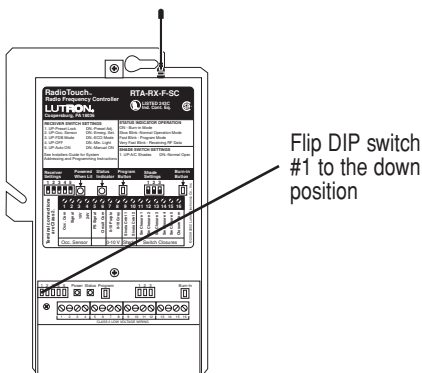


Step C

Setting the ON light level of a two button, dimmable lighting column - DIP Switch Method

Step A - Flip DIP switch #1 down on the Controller. After the switch is flipped the Controller will be in Preset Adjust Mode. (If a photosensor is connected to this Controller your lights may change level when DIP switch #1 is flipped.)

Step B - Using the raise/lower buttons on the transmitter controlling the Controller that you are adjusting, set the lights at the new ON level.



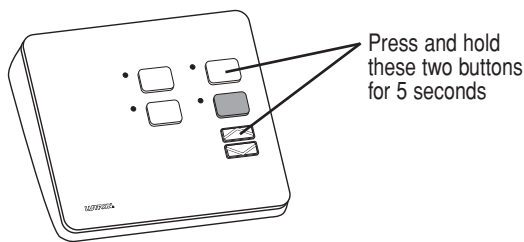
Step A & D

Step C - Press and hold the ON and raise buttons for 5 seconds. The lights will flash to notify you that the ON level has changed.

Step D - Flip DIP switch #1 back up to exit Preset Adjust Mode.

Notes:

- The Controller will not react to preset button presses from the transmitter while the Controller DIP switch #1 is flipped to the down position.
- Preset light levels may be affected by a photosensor input. As ambient light increases / decreases the preset light levels will scale accordingly.



Step C



Hardware Installation RadioTouch

Wiring output switch closures to other equipment (RTA-RX-F-SC only)

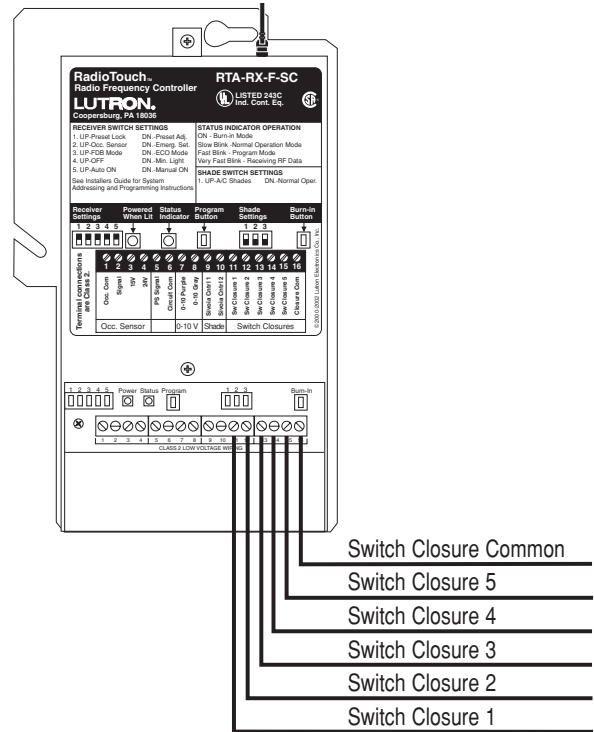
The *RadioTouch* controller has the ability to provide 5 momentary dry output switch closures. These closures can be used to operate AC shades, Motorized Projection Screens, or other equipment designed to accept momentary dry switch closures.

A column of 5 buttons on a Tabletop Transmitter correspond to Switch Closures 1 through 5 on the Controller.

A two button column on a Tabletop Transmitter will activate Switch Closures 2 and 4.

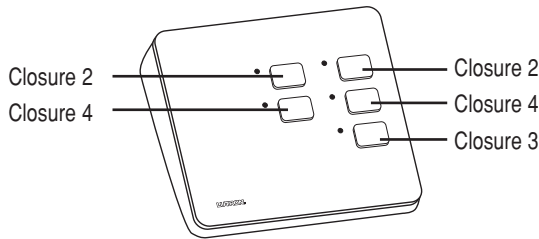
A three button column on a Tabletop Transmitter will activate Switch Closures 2, 4, and 3, in that order. (See diagrams below.)

The switch closure outputs on the *RadioTouch* Controller provide a momentary dry closure for 0.250 seconds to other equipment. The closure terminals are shown below.

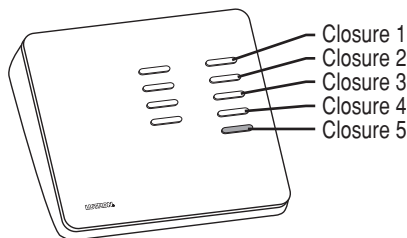


Switch Closure Outputs – Not to exceed 30VDC and 1/3 Amp.

Tabletop Button Functions



Two and Three button Switch Closures



Five button Switch Closures



Hardware Installation

RadioTouch

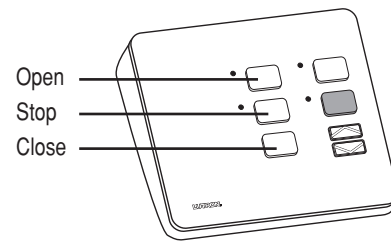
Setup for AC Motorized Window Treatments (RTA-RX-F-SC only)

Make sure that the *RadioTouch* Controller is properly wired. Refer to the *RadioTouch* Installer's Guide (P/N 030-200) for detailed wiring information.

Step A - On the *RadioTouch* Controller, flip SHADE SETTINGS DIP SWITCH #1 UP for open, close, and stop functionality.

Step B - Make sure appropriate transmitters are added to the Controller. See page 2 for Addressing Tabletop Transmitters to Controllers.

Tabletop Button Functions



Three button Switch Closure

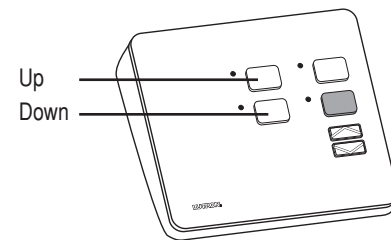
Setup for AC Motorized Projection Screens (RTA-RX-F-SC only)

Make sure that the *RadioTouch* Controller is properly wired. Refer to the *RadioTouch* Installer's Guide (P/N 030-200) for detailed wiring information.

Step A - On the *RadioTouch* Controller, flip SHADE SETTINGS DIP SWITCH #1 DOWN for up and down functionality.

Step B - Make sure appropriate transmitters are added to the Controller. See page 2 for Addressing Tabletop Transmitters to Controllers.

Tabletop Button Functions



Two button Switch Closure



Notes

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 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 have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty may last, so the above limitations may not apply to you.

These products may be covered by one of more of the following U.S. patents: 4,663,570; 4,751,399; 4,783,581; 4,835,343; 4,894,587; 5,001,386; 5,041,763; 5,055,742; 5,142,199; 5,144,205; 5,173,643; 5,224,029; 5,248,919; 5,281,961; 5,293,097; 5,309,068; 5,357,170; 5,399,940; 5,555,150; 5,633,540; 5,637,930; 5,736,965; 5,798,581; 5,838,226; 5,841,239; 5,848,054; 5,864,212; 5,905,442; 5,942,727; 5,962,979; 5,982,103; 6,111,368; 6,313,588; 6,346,781; RE37,135; 6,225,760; DES 353,798; DES 364,141; 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. Other U.S. and foreign patents may be pending.

Lutron, is a registered trademark and RadioTouch is a trademark of Lutron Electronics Co., Inc.

Technical and Sales Assistance

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

U.S.A., Canada, and the Caribbean

(800) 523-9466 27 hrs/7 days

other countries

(610) 282-3800 8:00a.m. – 8:00p.m. ET

Our address on the web is <http://www.lutron.com>

World Headquarters

Lutron Electronics Co., Inc.

7200 Suter Road

Coopersburg, PA 18036-1299 U.S.A.

TOLL FREE: (800) 523-9466 (U.S.A., Canada, and the Caribbean)

Tel: (610) 282-3800; International 1610 282-3800

Fax: (610) 282-3090; International 1610 282-3090

European Headquarters

Lutron EA LTD

Lutron House

6 Sovereign Close

Wapping

London, E1 9HW England

FREEPHONE: 0800 282107 (U.K.)

Tel: (0171) 702-0657; International 44-171-702-0657

Fax: (0171) 480-6899; International 44-171-480-6899

Japan Sales Office

Lutron Asuka Co., Ltd

No. 16 Kowa Bldg. 4F

1-9-20 Akasaka, Minato-ku

Tokyo 107-0052 Japan

TOLL FREE: (0120) 083417 (Japan)

Tel: (03) 5575-8411; International 81-3-5575-8411

Fax: (03) 5575-8420; International 81-3-5575-8420

Hong Kong Sales Office

Tel: 2104-7733; International 852-2104-7733

Fax: 2104-7633; International 852-2104-7633

Lutron Electronics Co., Inc., reserves the right to make improvements or changes in its products without prior notice. Although every attempt is made to ensure that this information is accurate and up to date, please check with Lutron to confirm product availability, latest specifications and suitability for your application.