





# Hardware Installation

## 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.

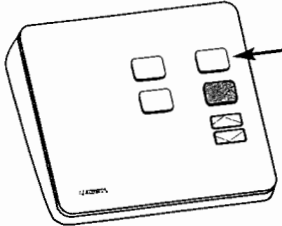
**Step B** - While in programming mode press the corresponding button in the column that you want to control the Controller and hold for 5 seconds (see Transmitter diagrams at right). The Controller will flash or cycle the lights OFF and ON when the Transmitter is added. If no lights are being controlled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

**Step C** - Repeat step B for each Transmitter you need to address to the Controller.

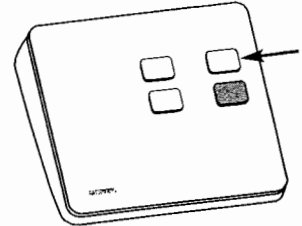
**Step D** - Press the programming button on the Controller again to exit from programming mode. The lights will go to high end and the Status LED will return to *slow blink* mode. If you are using an RTA-RX-SW the lights will cycle OFF and ON. To test the tabletop transmitter for lights, press any button in the column added on the Tabletop Transmitter and verify that the lights respond. For contact closures, press any button and see that the connected device responds. If there is no response, return to step A and be sure to hold the appropriate buttons for 5 seconds while in step B.

### Step B - Columns of buttons

Press and hold this button

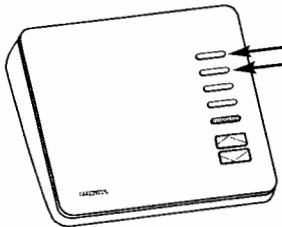


Dimmable Lights  
Large button



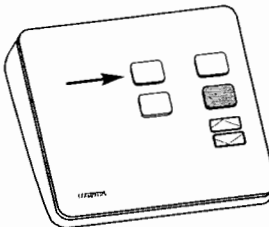
Non-dim Lights  
Large button

Press and hold these two buttons

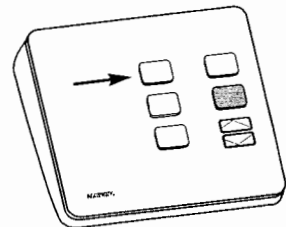


Dimmable Lights  
Slim button

Press and hold this button

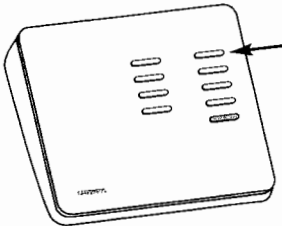


Two button Switch Closure

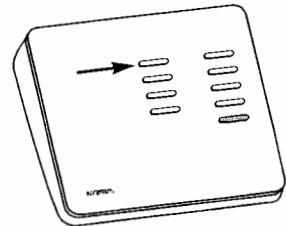


Three button Switch Closure

Press and hold this button

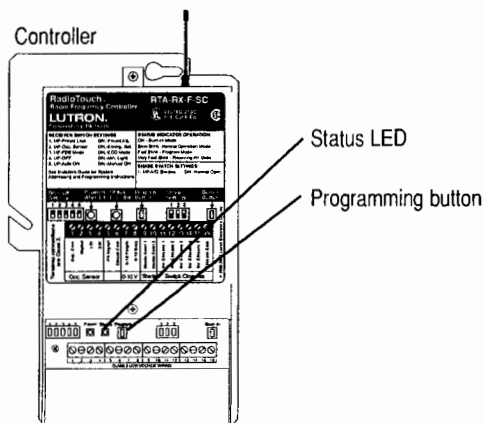


Five button Switch Closure



Four button Switch Closure

### Step A & D





# Hardware Installation

## 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

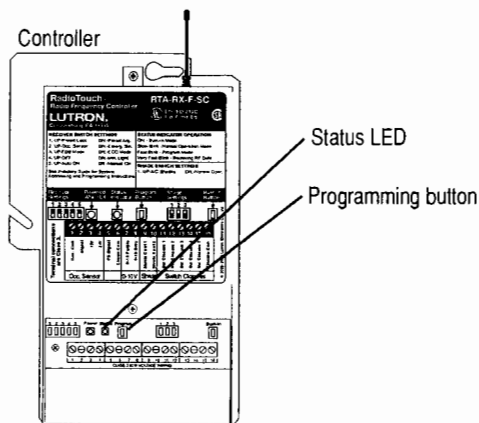
**Step A** - Press and release the programming button on the Controller. After the button is pressed the lights will cycle up and down for 3 seconds to notify you that you are in programming mode, and settle at 50% light output. If you are using an RTA-RX-SW the lights will cycle OFF and ON. The Status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

**Step 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 at right). 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** - Repeat step B for each Transmitter you need to delete from a Controller.

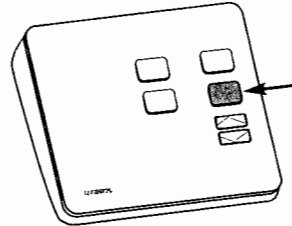
**Step D** - Press the programming button on the Controller again to exit from programming mode. The lights will go to high end or turn ON, and the Status LED will return to *slow blink* mode. To test the Tabletop Transmitter, press any button on the transmitter in the column that has been deleted and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

### Step A & D

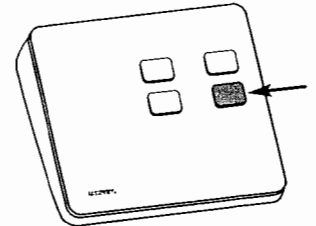


### Step B - Columns of buttons

Press and hold this button

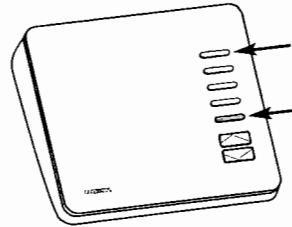


Dimmable Lights Large button



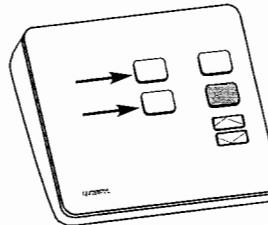
Non-dim Lights Large button

Press and hold these two buttons

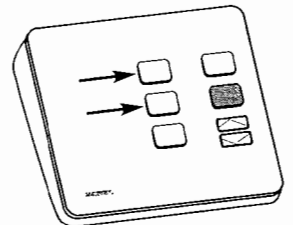


Dimmable Lights Slim button

Press and hold these buttons

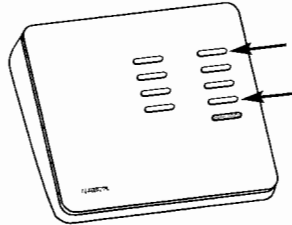


Two button Switch Closure

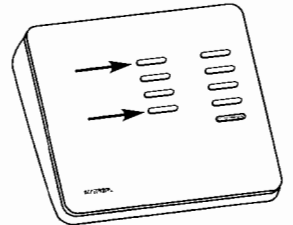


Three button Switch Closure

Press and hold these buttons



Five button Switch Closure



Four button Switch Closure



# Hardware Installation

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

**Step A** - Set DIP switch #1 down on the Controller. After the switch is set 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 set.)

**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.

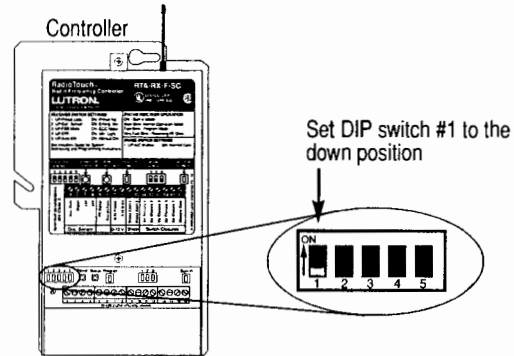
**Step C** - Press and hold the appropriate buttons for 5 seconds (see diagrams at right). The lights will flash to notify you that the ON level has changed. For a slim button Transmitter, press and hold the button corresponding to the Preset you wish to change for 5 seconds.

**Step D** - Set DIP switch #1 to the up position to exit Preset Adjust Mode.

### Notes:

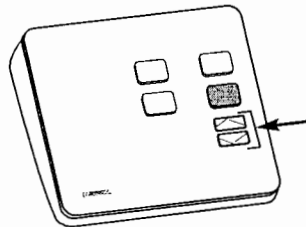
- The Controller will not react to preset button presses from the transmitter while the Controller DIP switch #1 is set to the down position.
- Preset light levels may be affected by a photosensor input. As ambient light increases / decreases the preset light levels will scale accordingly.

### Step A

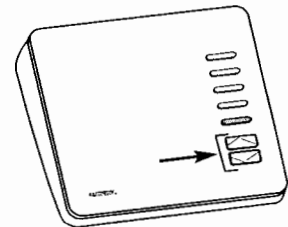


### Step B

Adjust lights with raise/lower buttons



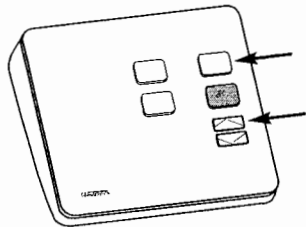
Dimmable Lights Large button



Dimmable Lights Slim button

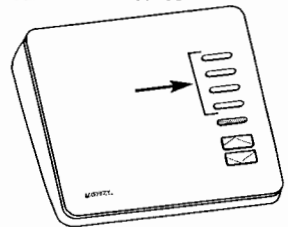
### Step C

Press and hold these two buttons for 5 seconds



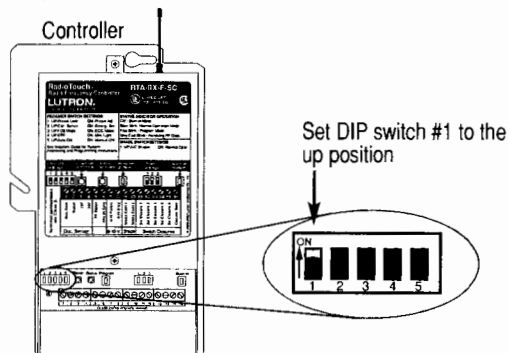
Dimmable Lights Large button

Press and hold the desired button for 5 seconds



Dimmable Lights Slim button

### Step D





# Hardware Installation

## Setting the ON light level of a two button or slim 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 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 (see diagrams at right). For a slim button Transmitter, press and hold the button corresponding to the Preset you wish to change for 5 seconds.

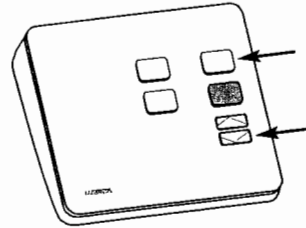
**Step D** - Press and hold the ON and the lower buttons for 5 seconds to exit Preset Adjust Mode. The lights will flash and return to their maximum light level. Test the ON button to make sure the light level is correct. If not, repeat steps A through D.

**Notes:**

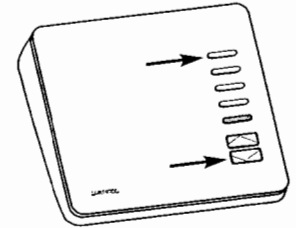
- The Controller will not react to preset button presses from any transmitter while the Controller is in Preset Adjust Mode.
- Preset light levels may be affected by a photosensor input. As ambient light increases / decreases the preset light levels will scale accordingly.

**Step A & D**

Press and hold these two buttons for 5 seconds



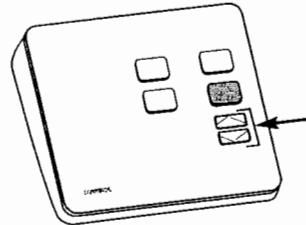
Dimmable Lights Large button



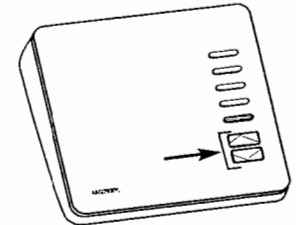
Dimmable Lights Slim button

**Step B**

Adjust lights with raise/lower buttons



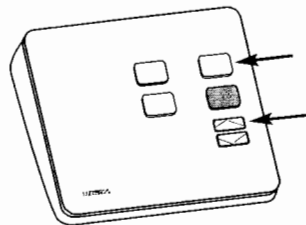
Dimmable Lights Large button



Dimmable Lights Slim button

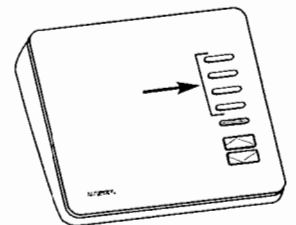
**Step C**

Press and hold these two buttons for 5 seconds



Dimmable Lights Large button

Press and hold the desired button for 5 seconds



Dimmable Lights Slim button



# Hardware Installation

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

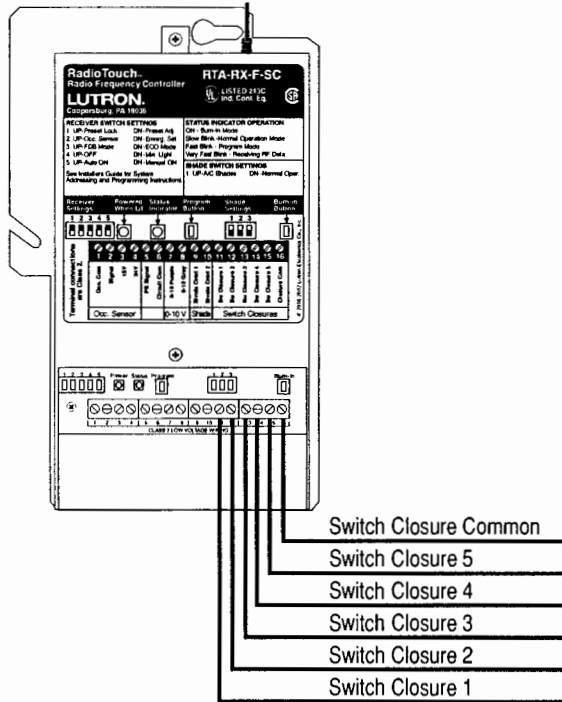
The *RadioTouch* Controller has the ability to provide 5 momentary dry output switch closures. These closures can be used to operate AC shades, Motorized Projection Screens, or other equipment designed to accept momentary dry switch closures.

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

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

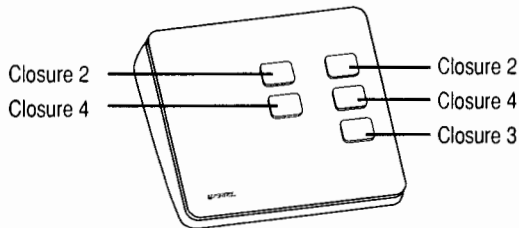
A three button column on a Tabletop Transmitter will activate Switch Closures 2, 4, and 3, in that order. (See diagrams below.)

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 at right.

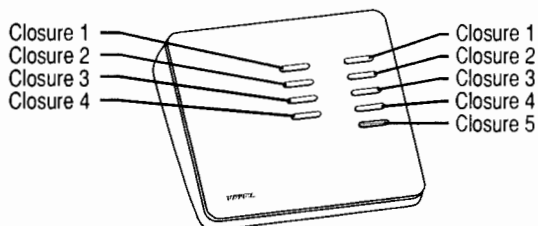


Each Switch Closure Output is rated for:  
30 VDC  
1/3 Amp

### Tabletop Button Functions



Two and Three button Switch Closures



Four and Five button Switch Closures



# Hardware Installation

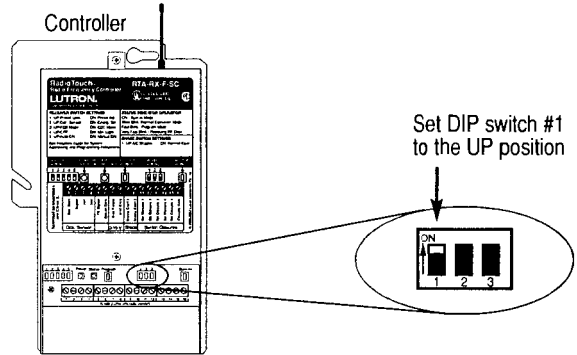
## Setup for AC Motorized Window Treatments (RTA-RX-F-SC only)

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

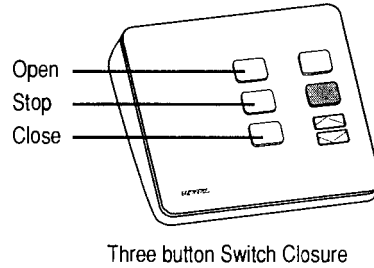
**Step A** - On the *RadioTouch* Controller, set SHADE SETTINGS DIP SWITCH #1 in the UP position for open, close, and stop functionality.

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

### Step A



### Tabletop Button Functions



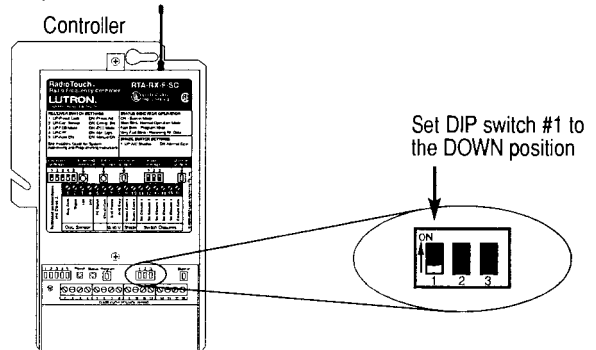
## Setup for AC Motorized Projection Screens (RTA-RX-F-SC only)

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

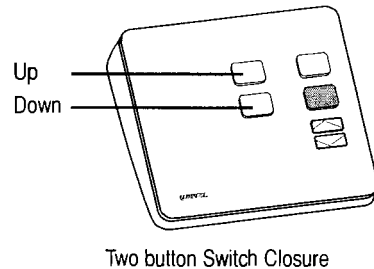
**Step A** - On the *RadioTouch* Controller, set SHADE SETTINGS DIP SWITCH #1 in the DOWN position for up and down functionality.

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

### Step A



### Tabletop Button Functions



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## 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.

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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 the following U.S. patent: 5,736,965. Other U.S. and foreign patents may be pending.

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## 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 24 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>

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