

Shown: Tabletop and wallbox transmitter for control of electric lighting, Sivoia QED™ controllable window treatments and AC motorized projection screens. Claro® 3-gang wallplate, pg.XX, and tabletop transmitter shown with custom engraving, pg.XX.

### Color Palette (For latest color information, visit [www.lutron.com](http://www.lutron.com))

Gloss  
WH

### Product Features

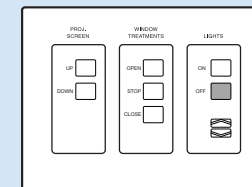
- Create the perfect visual environment – control the lighting, window treatments, or projection screens – with the touch of a button from anywhere in a room
- Intuitive controls to adjust lighting make rooms more usable and productive
- Wireless technology allows the system to be easily installed into existing rooms or new construction
- Easily integrate with AV equipment such as touchscreens
- Easily create and recall preset light levels

### Specification Features

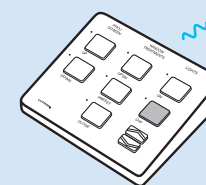
(See Performance Specifications, pg.XX)

- Surge protection and heavy-duty components for a long product life
- Electrostatic discharge protection
- Power-failure memory
- Precise color consistency
- UV stable color
- Emergency override brings lights to high end
- Controllers connect directly to daylight and occupancy sensors

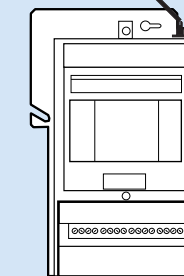
## System Operation



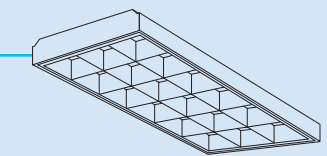
**RadioTouch wallbox transmitters** can replace any wall switch.



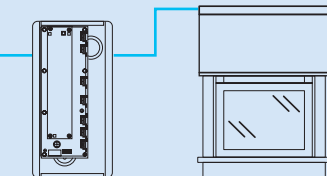
**RadioTouch tabletop transmitters** can be placed anywhere in a room. Security mounting bracket available.



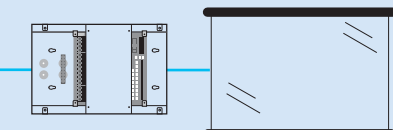
One **controller** is required per lighting zone. The same controller can be used to control motorized window treatments and projection screens.



**Lutron fluorescent dimming ballasts** can be installed in existing fixtures or can be ordered pre-installed in a Lutron fixture.

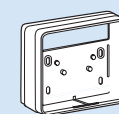


**Sivoia QED™ controllable window treatments** are controlled through a **Sivoia QED contact closure input**.



**AC motorized window treatments and projection screens** are controlled through low-voltage contact closures and a **Lutron AC motor group controller**.

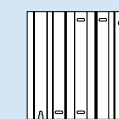
### Optional Accessories



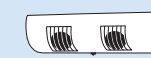
Transmitter Security Mounting Brackets, pg.XX



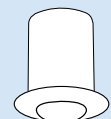
RS232 and Switch Closure Interfaces, pg.XX



Load Interfaces, pg.XX



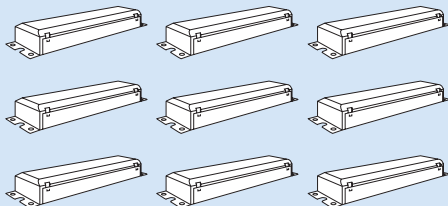
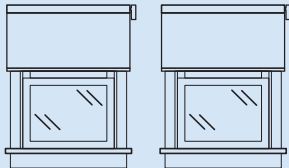
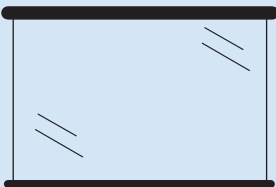
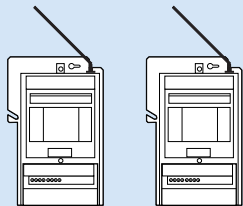
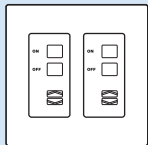
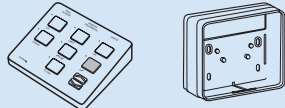
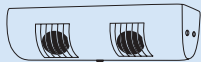
Occupant Sensors, pg.XX



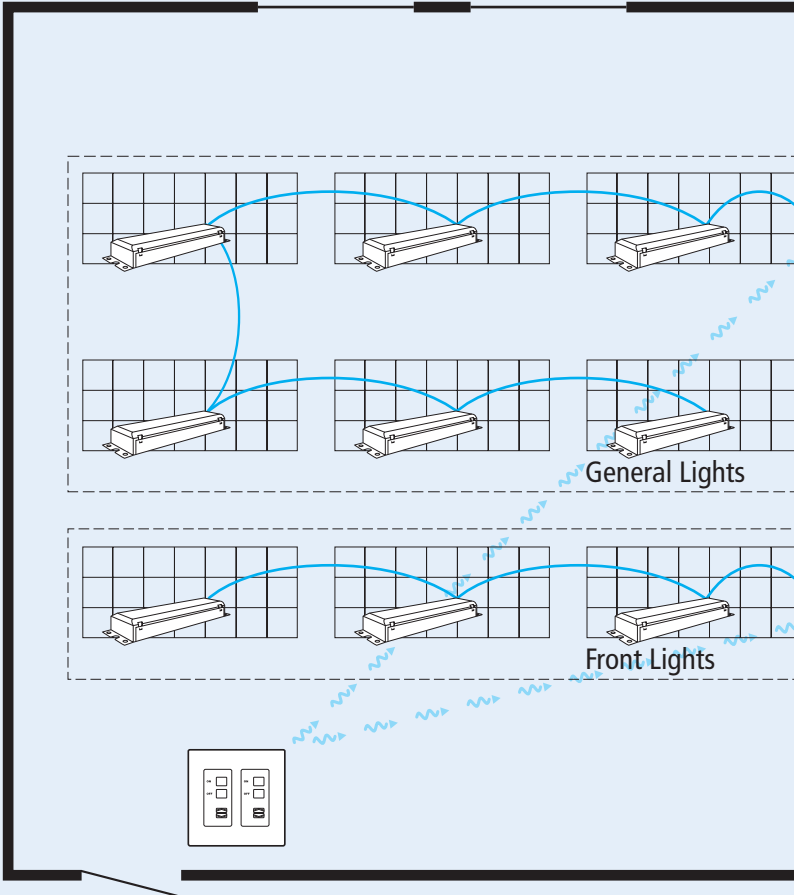
Daylight Sensors, pg.XX

# RadioTouch™ Design Example

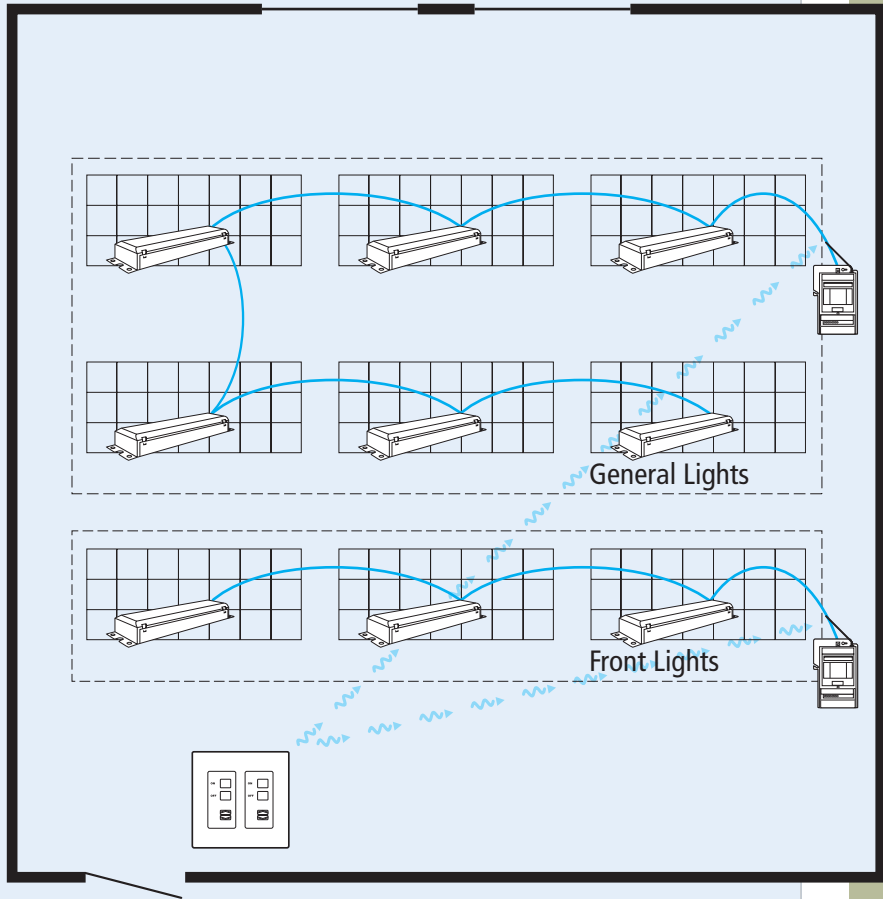





Design Steps	Example	Products Used in This Example
<div>1</div> <div><b>Determine the load on each zone</b></div> <div>Record load type and calculate the load capacity of each zone</div> <div>Select Fluorescent Dimming Ballasts, pg.XX</div>	<div>A classroom has nine, 277V, 2'x 4', T8, three lamp fixtures.</div> <div>The room will be used for AV presentations; therefore, 1% Hi-lume® fluorescent dimming is required. The appropriate ballast model is FDB-4827-277-3, pg.XX.</div> <div><i>Design Note:</i> Consider using Sivoia QED™ controllable window treatments and AC motorized projection screens for complete control of the room.</div>	<div></div> <div>(9) FDB-4827-277-3, 0.35A 9 x 0.35A = 3.15A</div> <div></div> <div><i>Optional:</i> Sivoia QED™ Controllable Window Treatments</div> <div></div> <div><i>Optional:</i> AC Motorized Projection Screen</div>
<div>2</div> <div><b>Select the controllers</b></div> <div>Controllers, pg.XX</div> <div>Use Load Interfaces as needed, pg.XX</div>	<div>For presentations, the front lights will be controlled separately from the general lights.</div> <div>Two RTA-RX-F controllers will accomplish this, one for each zone.</div>	<div></div> <div>(2) RTA-RX-F</div>
<div>3</div> <div><b>Determine the number and style of wallbox transmitters and wallplates you need</b></div> <div>Wallbox Transmitters, pg.XX</div> <div>Claro® Wallplates, pg.XX</div>	<div>Each lighting zone will be controlled by a RTA-WX-2B-WH located at the door.</div> <div>A 2-gang Claro® wallplate (CW-2-WH, sold separately) will provide a clean, screwless look at the wall.</div>	<div></div> <div>(2) RTA-WX-2B-B-WH (1) CW-2-WH</div>
<div>4</div> <div><b>Select the wireless tabletop transmitter and mounting method</b></div> <div>Tabletop Transmitters, pg.XX</div>	<div>Consider providing the presenter with control by attaching a tabletop transmitter to the podium with a security mounting bracket (sold separately).</div>	<div></div> <div><i>Optional:</i> Tabletop transmitter with security mounting bracket</div>
<div>5</div> <div><b>Select any optional accessories</b></div> <div>Occupant Sensors, pg.XX</div> <div>Daylight Sensors, pg.XX</div> <div>RS232 or Switch Closure Interfaces, pg.XX</div>	<div>Also consider an occupant sensor (MOS-CM-15-WH) to turn the lights off when the room is unoccupied.</div>	<div></div> <div><i>Optional:</i> Occupant sensor</div>


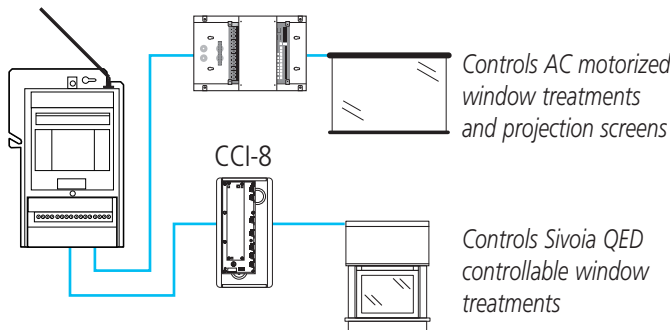


Classroom Example




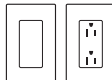
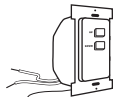



## Classroom Example

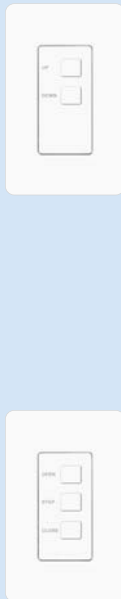
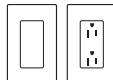
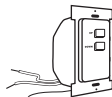




Description	Model #	Important Information
<b>Controllers*</b>		
 <b>Fluorescent Dimming</b>		Ships in 48 hrs.
<b>Dimming Controllers</b> <b>RTA-RX-F</b>		<b>Controller Dimensions</b> W: 5.00" (127mm) H: 7.35" (187mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square standard (1900) junction box or to the standard knockout on the end of a fluorescent lighting fixture.
<ul style="list-style-type: none"><li>• One required per dimmed lighting zone</li><li>• 16A continuous dimming capacity</li><li>• Controls Lutron Hi-lume®, Compact SE™, and Eco-10™ ballasts directly, see 3-Wire Dimming Ballasts, pgs.XX,XX</li><li>• Controls Lutron TVE™ ballasts directly, see 0-10V Dimming Ballasts, pg.137</li><li>• Controls Lutron Tu-Wire® ballasts, incandescent, magnetic low-voltage, and electronic low-voltage sources through an FDI load interface</li><li>• Accepts input from occupant sensors and a daylight sensor†</li><li>• Operates at 120/277V**</li></ul>		<b>*Common Neutral Wire Connection</b> All controllers require a neutral wire connection. This neutral wire should not be shared with any other controls.
 <b>Fluorescent Dimming and Sivoia QED™ Controllable Window Treatments</b>		<b>†Occupancy and Daylight Sensors</b> Most 15 and 24VDC occupant sensors wire directly to any RadioTouch controller with low voltage, Class 2 wiring. Controllers can power up to three occupancy sensors. To use more than three occupancy sensors, contact Lutron Customer Service. Lutron occupancy and daylight sensors, pg.XX.
<b>Dimming and Sivoia QED Controllers with Five Momentary Switch Closures</b> <b>RTA-RX-F-SC</b>		<b>**347 Volt Controllers</b> 347V controllers for Lutron TVE fluorescent dimming ballasts are available, contact Lutron Customer Service.
<ul style="list-style-type: none"><li>• One required per dimmed lighting zone</li><li>• Controls Sivoia QED controllable window treatment zones through a Sivoia QED interface</li><li>• Provides up to five momentary output switch closures to GRAFIK Eye® products, one zone of Sivoia QED, or AC motorized window treatments, or projection screens, or equipment by others</li><li>• Plus all functions of RTA-RX-F:<ul style="list-style-type: none"><li>- 16A continuous dimming capacity</li><li>- Controls Lutron Hi-lume, Compact SE, and Eco-10 ballasts directly, see 3-Wire Dimming Ballasts, pgs.XX,XX</li><li>- Controls Lutron TVE ballasts directly, see 0-10V Dimming Ballasts, pg.XX</li><li>- Controls Lutron Tu-Wire ballasts, incandescent, magnetic low-voltage, and electronic low-voltage sources through an FDI load interface</li><li>- Accepts input from occupant sensors and a daylight sensor†</li><li>- Operates at 120/277V**</li></ul></li></ul>		Controls are 120V/277V 60Hz unless noted.
		<b>Global Ordering</b> see pg.XX
<b>For More Information:</b> www.lutron.com/radiotouch Fax-on-Demand 1-800-523-9466		

Description	Model #	Important Information
<b>Controllers* (cont.)</b>		
 <b>Fluorescent Dimming, Sivoia QED™ Controllable Treatments, AC Motorized Window Treatments and Projection Screens</b>		Ships in 48 hrs.
<b>Dimming and AC Motor Group Controllers</b> <b>RTA-RX-F-SC-ACM</b>		<b>Controller Dimensions</b> W: 5.00" (127mm) H: 7.35" (187mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square standard (1900) junction box or to the standard knockout on the end of a fluorescent lighting fixture.
<ul style="list-style-type: none"><li>• One required per dimmed lighting zone</li><li>• Includes one RTA-RX-F-SC and one WC-4M-GC</li><li>• Provides group control of up to four AC motorized window treatment or motorized projection screens</li><li>• Additional AC motorized window treatment and projection screen zones can be controlled by adding more WC-4M-GC or WC-2M-GC group controllers, pg.XX</li><li>• Plus all functions of RTA-RX-F-SC:<ul style="list-style-type: none"><li>- 16A continuous dimming capacity.</li><li>- Controls Lutron Hi-lume®, Compact SE™, and Eco-10™ ballasts directly, see 3-Wire Dimming Ballasts, pgs.XX,XX</li><li>- Controls Lutron TVE™ ballasts directly, see 0-10V Dimming Ballasts, pg.XX</li><li>- Controls Sivoia QED controllable window treatment zones through a Sivoia QED interface</li><li>- Controls Lutron Tu-Wire® ballasts, incandescent, magnetic low-voltage, and electronic low-voltage sources through an FDI load interface</li><li>- Accepts input from occupant sensors and a daylight sensor†</li><li>- RTA-RX-F-SC operates at 120/277V</li><li>- WC-4M-GC operates at 120V</li></ul></li></ul>		<b>Motor Interface Dimensions</b> W: 12.00" (305mm) H: 7.90" (201mm) D: 2.75" (70mm)
		<b>*Common Neutral Wire Connection</b> All controllers require a neutral wire connection. This neutral wire should not be shared with any other controls.
 <b>Switching Lighting Loads</b>		<b>†Occupancy and Daylight Sensors</b> Most 15 and 24VDC occupant sensors wire directly to any RadioTouch controller with low voltage, Class 2 wiring. Controllers can power up to three occupancy sensors. To use more than three occupancy sensors, contact Lutron Customer Service. Lutron occupancy and daylight sensors, pg.XX.
<b>Switch Pack Controllers</b> <b>RTA-RX-SW</b>		<b>**347 Volt Controllers</b> 347V controllers for Lutron TVE fluorescent dimming ballasts are available, contact Lutron Customer Service.
<ul style="list-style-type: none"><li>• One required per switched lighting zone</li><li>• Switches 16 Amps of high inrush lighting load</li><li>• Incandescent, electronic low voltage, magnetic low voltage, neon/cold cathode, fluorescent, high-intensity discharge</li><li>• Accepts input from occupant sensors†</li><li>• Operates at 120/277V**</li></ul>		Controls are 120V/277V 60Hz unless noted.
		<b>Global Ordering</b> see pg.XX
<b>For More Information:</b> www.lutron.com/radiotouch Fax-on-Demand 1-800-523-9466		





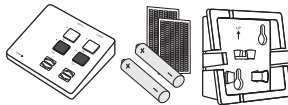
Description		Model #	Important Information
	<b>Wallbox Transmitters</b>		<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Wallbox transmitters can be special ordered in colors other than white (WH); Consult Lutron Customer Service. <i>Colors meet NEMA color standards where standards exist</i></p> <p><b>Accessories and Wallplates</b>  Coordinating designer wallplates and accessories sold separately, pg.XX.</p> <p><b>What's Included</b>  Control only</p> <p><b>Labels and Engraving</b> Slim-button controls ship with default button labels. Large-button controls ship with default laser engraving. <i>Custom Engraving, pg.XX</i></p> <p><b>Single-Gang Wallplate Dimensions</b> W: 2.94" (75mm) H: 4.69" (119mm) D: 0.30" (7.6mm)</p> <p><b>Sivoia QED controllable Window Treatments</b> See <a href="http://www.vimco.com">www.vimco.com</a> for complete information.</p> <p>Controls are 120V/277V 60Hz unless noted.</p>
	<b>Lighting Control Transmitters</b>		
	<p><b>Switch Controls</b> On/Off <b>RTA-WX-2BSW-WH</b> <i>Product Above:</i> On/off control of one or more switched lighting zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple circuits.</p>		
	<p><b>Dimming Controls</b> On/Off, Raise/Lower <b>RTA-WX-2B-WH</b> <i>Product Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple circuits.</p>		
	<p><b>Preset Dimming Controls</b> 4-Preset, Off, Raise/Lower <b>RTA-WX-5B-WH</b> <i>Product Above:</i> Four preset levels plus off and raise/lower control of one or more dimmable lighting zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple circuits.</p>		
	<p><b>Sivoia QED™ Controllable Window Treatment Transmitters</b></p> <p><b>Sivoia Controls</b> Open, Preset, Close <b>RTA-WX-Q3LB-WH</b> <i>Product Above:</i> Open/preset/close control of one or more Sivoia QED controllable window treatment zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple window treatments.</p>		
<p>UL  SF  Global Ordering see pg.XX</p>			
<p><b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466</p>			

Description		Model #	Important Information
	<b>Wallbox Transmitters (cont.)</b>		<p>Ships in 48 hrs.</p> <p><b>Color Palette</b></p> <p>Wallbox transmitters can be special ordered in colors other than white (WH); Consult Lutron Customer Service.</p> <p><i>Colors meet NEMA color standards where standards exist</i></p> <p><b>Accessories and Wallplates</b> </p> <p>Coordinating designer wallplates and accessories sold separately, pg.XX.</p> <p><b>What's Included</b></p>  <p>Control only</p> <p><b>Labels and Engraving</b></p> <p>Slim-button controls ship with default button labels.</p> <p>Large-button controls ship with default laser engraving.</p> <p><i>Custom Engraving, pg.XX</i></p> <p><b>Single-Gang Wallplate Dimensions</b></p> <p>W: 2.94" (75mm) H: 4.69" (119mm) D: 0.30" (7.6mm)</p> <p>Controls are 120V/277V 60Hz unless noted.</p> <div> <b>Global Ordering</b> see pg.XX</div>
	<b>AC Motorized Window Treatment and Projection Screen Transmitters</b>		
	<p><b>AC Motorized Projection Screen Controls</b></p> <p>Up/Down <b>RTA-WX-C2LB-WH</b></p> <p><i>Products Above:</i> Up/down control of one or more AC motorized projection screen zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple circuits.</p>		
	<p><b>AC Motorized Window Treatment Controls</b></p> <p>Open/Stop/Close <b>RTA-WX-C3LB-WH</b></p> <p><i>Products Above:</i> Open/stop/close control of one or more AC motorized window treatment zones. Requires connection to non-dedicated hot and neutral wires (120/277VAC). Use in multiples for multi-location control. Can communicate with multiple controllers for master control of multiple circuits.</p>		

Entire-Room Wireless Controls


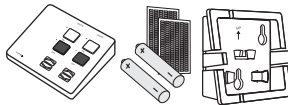

**For More Information:**  
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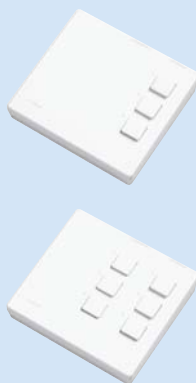
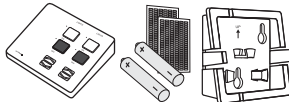
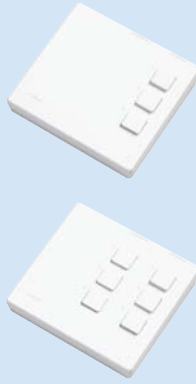
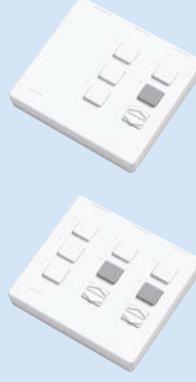

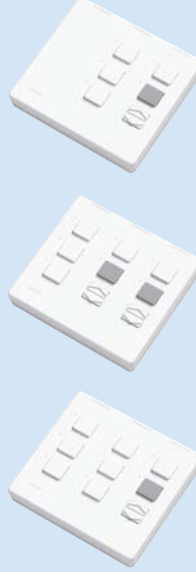
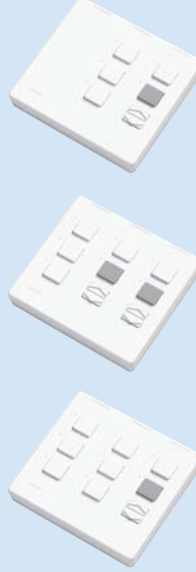
Entire-Room Wireless Controls


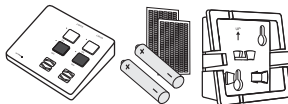

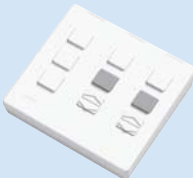
	Description	Model #	Important Information
  	<b>Tabletop Transmitters</b>		<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Tabletop transmitter available in white (WH) only.</p> <p><b>What's Included</b></p>  <p>Transmitter, 2 AAA batteries, column labels, and mounting bracket</p> <p><b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.</p> <p><b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)</p> <p><b>Security Mounting Bracket</b> Tamper resistant security bracket allows transmitter to be removed for battery replacement, pg.XX.</p>
	<b>Dimmable Lighting Control</b>		
	<i>Large-Button Trasmitters</i>		
	One Dimmable Lighting Zone	RTA-TX-L-B-WH	
	Two Dimmable Lighting Zones	RTA-TX-2L-B-WH	
	Three Dimmable Lighting Zones	RTA-TX-3L-B-WH	
	<i>Products Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
	<i>Slim-Button Transmitters</i>		
	One Dimmable Lighting Zone	RTA-TX-L-WH	
	Two Dimmable Lighting Zones	RTA-TX-2L-WH	
Three Dimmable Lighting Zones	RTA-TX-3L-WH		
<i>Products Above:</i> Four preset levels, off and raise/lower control of one or more dimmable lighting zones. Each zone can communicate with multiple controllers for master control of multiple circuits.			

**Global Ordering**  
see pg.XX

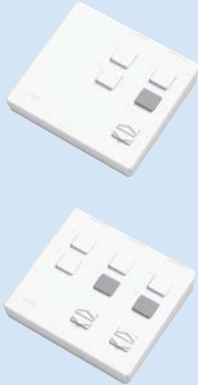
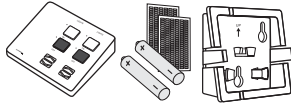
**For More Information:**  
www.lutron.com/radiotouch  
Fax-on-Demand 1-800-523-9466


Description		Model #	Important Information
	<b>Tabletop Transmitters (cont.)</b>		<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Tabletop transmitter available in white (WH) only.</p> <p><b>What's Included</b></p>  <p>Transmitter, 2 AAA batteries, column labels, and mounting bracket</p> <p><b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.</p> <p><b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)</p> <p><b>Security Mounting Bracket</b> Tamper resistant security bracket allows transmitter to be removed for battery replacement, pg.XX.</p>
	<b>Switched Lighting Control</b>		
	One Switched Lighting Zone	RTA-TX-SW-B-WH	
	Two Switched Lighting Zones	RTA-TX-2SW-B-WH	
	Three Switched Lighting Zones	RTA-TX-3SW-B-WH	
	<i>Products Above:</i> On/off control of one or more non-dim lighting zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
	<b>Switched and Dimmable Lighting Control</b>		
	One Dimmable Lighting Zone and One Switched Lighting Zone	RTA-TX-LSW-B-WH	
	Two Dimmable Lighting Zones and One Switched Lighting Zone	RTA-TX-2LSW-B-WH	
	One Dimmable Lighting Zone and Two Switched Lighting Zones	RTA-TX-L2SW-B-WH	
	<i>Products Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. On/off control of one or more non-dim lighting zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
Global Ordering see pg.XX			
<b>For More Information:</b> www.lutron.com/radiotouch Fax-on-Demand 1-800-523-9466			

	Description	Model #	Important Information
	<b>Tabletop Transmitters (cont.)</b>		<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Tabletop transmitter available in white (WH) only.</p> <p><b>What's Included</b></p>  <p>Transmitter, 2 AAA batteries, column labels, and mounting bracket</p> <p><b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.</p> <p><b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)</p> <p><b>Security Mounting Bracket</b> Tamper resistant security bracket allows transmitter to be removed for battery replacement, pg.XX.</p> <p><b>Sivoia QED Controllable Window Treatments</b> See <a href="http://www.vimco.com">www.vimco.com</a> for complete information.</p>
	<b>Sivoia QED™ Controllable Window Treatment Control</b>		
	One Sivoia QED Zone	RTA-TX-Q-B-WH	
	Two Sivoia QED Zones	RTA-TX-2Q-B-WH	
	<i>Products Above:</i> Open/preset/close control of one or more Sivoia QED controllable window treatment zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
	<b>AC Motorized Window Treatment Control</b>		
	One AC Motor Zone	RTA-TX-C3-B-WH	
	Two AC Motor Zones	RTA-TX-2C3-B-WH	
	<i>Products Above:</i> Open/stop/close control of one or more AC motorized window treatment zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
	<b>Lighting and Sivoia QED Controllable Window Treatment Control</b>		
	One Dimmable Lighting Zone and One Sivoia QED Zone	RTA-TX-LQ-B-WH	
	Two Dimmable Lighting Zones and One Sivoia QED Zone	RTA-TX-2LQ-B-WH	
	One Dimmable Lighting Zone and Two Sivoia QED Zones	RTA-TX-L2Q-B-WH	
	<i>Products Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Open/preset/close control of one or more Sivoia QED controllable window treatment zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		
			Global Ordering see pg.XX
			<b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466





Description		Model #	Important Information
	<b>Tabletop Transmitters (cont.)</b>		Ships in 48 hrs.
	<b>Lighting, Sivoia QED™ Controllable Window Treatment, and AC Motorized Projection Screen Control</b>		
	One Dimmable Lighting Zone, One Sivoia QED Zone, and One Projection Screen Zone	<b>RTA-TX-LQC2-B-WH</b>	<b>What's Included</b>  Transmitter, 2 AAA batteries, column labels, and mounting bracket
	<i>Product Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Open/preset/close control of one or more Sivoia QED controllable window treatment zones. Up/down control of one or more AC motorized projection screen zones. Each zone can communicate with multiple controllers for master control of multiple circuits.		<b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.
 	<b>Lighting, Sivoia QED Controllable Window Treatments and AC Motorized Window Treatment Control</b>		<b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)
	One Dimmable Lighting Zone and One Sivoia QED Zone or One AC Motor Zone	<b>RTA-TX-LC3-B-WH</b>	<b>Security Mounting Bracket</b> Tamper resistant security bracket allows transmitter to be removed for battery replacement, pg.XX.
	Two Dimmable Lighting Zones and One Sivoia QED Zone or One AC Motor Zone	<b>RTA-TX-2LC3-B-WH</b>	<b>Sivoia QED Controllable Window Treatments</b> See <a href="http://www.vimco.com">www.vimco.com</a> for complete information.
	<i>Products Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Open/preset/close control of one Sivoia QED controllable window treatment zones or one AC motor zone. Each zone can communicate with multiple controllers for master control of multiple circuits.		
			Global Ordering see pg.XX
			<b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466




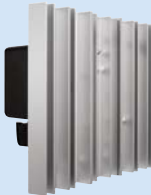

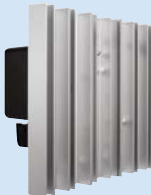






Entire-Room Wireless Controls

Description	Model #	Important Information
	<b>Tabletop Transmitters (cont.)</b>	<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Tabletop transmitter available in white (WH) only.</p> <p><b>What's Included</b></p>  <p>Transmitter, 2 AAA batteries, column labels, and mounting bracket</p> <p><b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.</p> <p><b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)</p> <p><b>Security Mounting Bracket</b> Tamper resistant security bracket allows transmitter to be removed for battery replacement, pg.XX.</p>
	<b>Lighting and AC Motorized Projection Screen Control</b>	
	One Dimmable Lighting Zone and One Projection Screen Zone <b>RTA-TX-LC2-B-WH</b>	
	Two Dimmable Lighting Zones and One Projection Screen Zone <b>RTA-TX-2LC2-B-WH</b> <i>Products Above:</i> On/off and raise/lower control of one or more dimmable lighting zones. Up/down control of one or more AC motorized projection screen zones. Each zone can communicate with multiple controllers for master control of multiple circuits.	
		Global Ordering see pg.XX
		For More Information: www.lutron.com/radiotouch Fax-on-Demand 1-800-523-9466

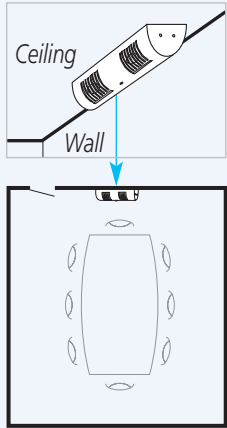
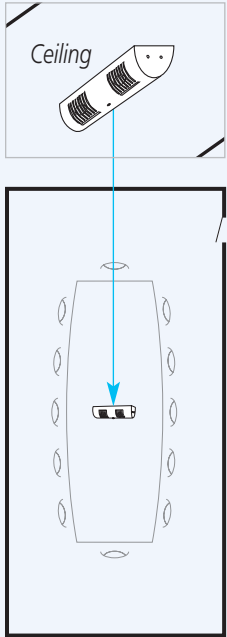

Description	Model #	Important Information
	<b>Tabletop Transmitters (cont.)</b>	<p>Ships in 48 hrs.</p> <p><b>Color Palette</b> Tabletop transmitter available in white (WH) only.</p> <p><b>What's Included</b></p>  <p>Transmitter, 2 AAA batteries, column labels, and mounting bracket</p> <p><b>Laser Engraving Available</b> Contact Lutron Customer Service for more information.</p> <p><b>Tabletop Transmitter Dimensions</b> W: 3.57" (91mm) H: 3.23" (82mm) D: 0.98" (25mm)</p>
	<b>Momentary Contact Closure or Lutron GRAFIK System Scene Selection Control</b>	
	5-Button Control <b>RTA-TX-C5-WH</b> <i>Product Above:</i> Provides five momentary switch closures when used with a RTA-RX-F-SC controller. Provides GRAFIK System access to 4 scenes and off when used with a RTA-RX-F-SC controller and a GRX-AV or OMX-AV interface.	
	9-Button Control <b>RTA-TX-C5C4-WH</b> <i>Product Above:</i> Provides nine momentary switch closures when used with two RTA-RX-F-SC controllers. Provides GRAFIK System access to 8 scenes and off when used with two RTA-RX-F-SC controllers and two GRX-AV or OMX-AV interfaces.	
	13-Button Control <b>RTA-TX-C52C4-WH</b> <i>Product Above:</i> Provides 13 momentary switch closures when used with three RTA-RX-F-SC controllers. Provides GRAFIK System access to 12 scenes and off when used with three RTA-RX-F-SC controllers and three GRX-AV or OMX-AV interfaces.	
	<b>Transmitter Security Mounting Bracket</b>	
Tamper-Resistant Security Bracket <b>RTA-SEC-WH</b> <i>Product Above:</i> Allows transmitter to be removed for battery replacement. Screws and wall anchors included.		
		Global Ordering see pg.XX
		For More Information: www.lutron.com/radiotouch Fax-on-Demand 1-800-523-9466



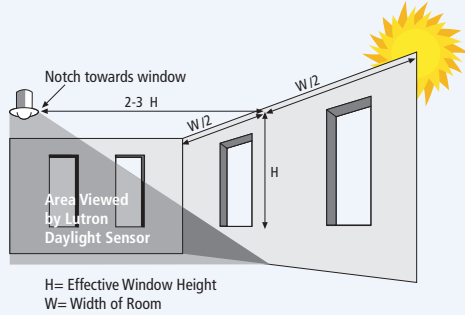
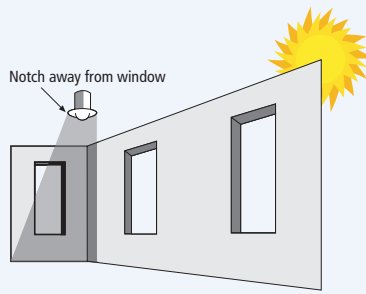

Description		Model #	Important Information
	<b>Control Interfaces</b>		<p>Ships in 48 hrs.</p> <p><b>Control Interface Dimensions</b> W: 5.00" (127mm) H: 7.35" (187mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square standard (1900) junction box or to the standard knockout on the end of a fluorescent lighting fixture.</p>
	<b>RS232 Interfaces</b> <i>Links RadioTouch controller(s) and RS232 compatible equipment, such as touchscreen systems.</i>		
<b>RS232 Interfaces</b>	<b>RTA-RS232</b>		
<ul style="list-style-type: none"><li>Controls up to 10 lighting zones, Sivoia QED™ controllable window treatment zones, or contact closure output zones</li><li>Connects to a RS232 data link through either a DB-9 plug or terminal blocks</li><li>Operates with a plug-in power supply (120V, included)</li><li>Can provide feedback to the host device that the radio frequency commands have been sent</li><li>Operates with 3-wire software flow control or full 7-wire hardware handshaking</li></ul>			
<b>Switch Closure Interfaces</b> <i>Links RadioTouch controller(s) and equipment that provides low-voltage switch closures such as timeclocks and Building Management Systems (BMS).</i>			
	<b>Switch Closure Interfaces</b>		
	<b>Switch Closure Interfaces</b>	<b>RTA-SCI</b>	
<ul style="list-style-type: none"><li>Controls one lighting, Sivoia QED controllable window treatment, AC motorized window treatment or AC motorized projection screen zone with the following features:<ul style="list-style-type: none"><li>- Lighting zone: Can activate four preset light levels and off</li><li>- Sivoia QED controllable window treatment zone: Can activate open/close and three preset levels</li><li>- AC motorized window treatment zone: Can activate open/close and stop</li><li>- AC motorized projection screens: Can activate up/down</li></ul></li><li>Operates with a plug-in power supply (120V, included)</li><li>Should not be used for emergency or egress lighting applications</li></ul>			
			<div><div></div><div>Global Ordering see pg.XX</div></div> <div><b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466</div>

Description		Maximum Capacity	Model #	Important Information	
<b>Load Interfaces*</b>				<div>Ships in 48 hrs.</div> <div><b>Lighting Interface Wallplate Dimensions</b><div>W: 4.56" (116mm)<div>H: 4.56" (116mm)<div>D: 0.69" (18mm)</div></div><div>Wallbox Size: 2-Gang, 3.5" (89mm) deep</div></div><div><b>Motor Interface Dimensions</b><div>W: 12.00" (305mm)<div>H: 7.90" (201mm)<div>D: 2.75" (70mm)</div></div><div>Surface Mount</div></div><div><b>*Common Neutral Wire Connection</b><div>All interfaces require a neutral wire connection. This neutral wire should not be shared with the controller driving the interface.</div></div></div></div>	
	 	<b>Incandescent and Magnetic Low-Voltage Interfaces</b>	<i>Connects RadioTouch dimming controller to an incandescent or magnetic low voltage lighting circuit.</i>		
	120V	2000W/VA	<b>FDI-INC-2000</b>		<i>Product Above:</i> All voltages indicated are phase-to-neutral. Interface feed is phase independent from RadioTouch controller circuit. Up to three FDI load interfaces per controller.
		<b>Electronic Low-Voltage Interfaces</b>	<i>Connects RadioTouch dimming controller to an electronic low-voltage lighting circuit.</i>		
	120V	1000W	<b>FDI-ELV-1000</b>		<i>Product Above:</i> All voltages indicated are phase-to-neutral. Interface feed is phase independent from RadioTouch controller circuit. Up to three FDI load interfaces per controller.
		<b>Tu-Wire® Fluorescent Dimming Interfaces</b>	<i>Connects RadioTouch dimming controller to a lighting circuit of Tu-Wire fluorescent dimming ballasts.</i>		
	120V	16A	<b>FDI-FTU-16A-120</b>		<i>Product Above:</i> All voltages indicated are phase-to-neutral. Interface feed is phase independent from RadioTouch controller circuit. Up to three FDI load interfaces per controller. See 2-Wire Dimming Ballasts, pg.XX.
	 	<b>AC Motorized Window Treatment and Projection Screen Motor Interfaces</b>	<i>Connects a RadioTouch RTA-RX-F-SC to AC motorized window treatments or projection screens.</i>		
	<b>AC Motor Group Controllers</b>				
	120V	2 AC Motors	<b>WC-2M-GC</b>		
120V	4 AC Motors	<b>WC-4M-GC</b>	<i>Products Above:</i> All voltages indicated are phase-to-neutral.		
				<div>Controls are 120V/277V 60Hz unless noted.</div> <div><div><div></div><div>Global Ordering see pg.XX</div></div></div> <div><b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466</div>	



Description		Model #	Important Information
<b>Sensors</b>			
<b>microOS™ Occupant Sensors</b>			
One-Way		<b>MOS-CM-15-WH</b>	Ships in 48 hrs. <b>Occupant Sensor Dimensions</b> W: 6.12" (156mm) H: 1.62" (41mm) D: 2.31" (59mm) Ceiling mounted
Two-Way		<b>MOS-CM2W-15-WH</b>	
<i>Products Above:</i> Occupancy sensors wire directly to one or more RadioTouch controllers with low-voltage, Class 2 wiring for simple installation. High sensitivity will detect minor motions, for example hand movements of a person seated at a desk or conference room table.			
<b>Operation:</b> RadioTouch controllers allow you to adjust the way the occupancy sensor effects your space. Entering the room, choose: <i>Automatic On</i> or <i>Manual On</i> Departing the room, choose: <i>Dim Light Down</i> or <i>Turn Lights Off</i>			
<b>Occupant Sensors:</b>			
<b>One-Way Ceiling-Mounted Occupant Sensor</b> Sensor should mount on the ceiling against the wall where the doorway is located and not face openings into hallways.		<b>Two-Way Ceiling-Mounted Occupant Sensor</b> Sensor should mount in the center of the ceiling and not face openings into hallways.	
			
Maximum Room Size: 22' (6.7m) x 26' (7.9m)			
Maximum Ceiling Height: 12' (3.6m)			
Maximum Room Size: 24' (7.3m) x 56' (17.1m)			
			 Global Ordering see pg.XX
			<b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466



Description		Model #	Important Information
<b>Sensors (cont.)</b>			
<b>microPS™ Daylight Sensors</b>			
Daylight Sensor		<b>MW-PS-WH</b>	Ships in 48 hrs. <b>Daylight Sensor Dimensions</b> Dia: 2.59" (66mm) D: 2.16" (55mm) Ceiling mounted
<i>Products Above:</i> Daylight sensor wires directly to one RadioTouch controller with low-voltage, Class 2 wiring for simple installation. Reduces the available electric light output of the RadioTouch controller based on the presence of sunlight in the room. Use one daylight sensor exclusively with one RadioTouch controller.			
<b>Operation:</b> Electric lights dim down to save energy when natural sunlight is detected. Lutron's innovative daylighting system improves your energy savings through the entire dimming range.			
<b>Daylight Sensors:</b>			
<ul style="list-style-type: none"><li>• The notch on the daylight sensor defines the viewing direction</li><li>• Place daylight sensor so its viewing area does not extend out of the window</li><li>• Do not position the daylight sensor in the well of a skylight or above indirect fixtures</li><li>• Ensure the view of the daylight sensor is not obstructed</li></ul>			
<b>Location for Average Size Areas</b>			
<b>Location for Narrow Areas</b>			
			 Global Ordering see pg.XX
			<b>For More Information:</b> <a href="http://www.lutron.com/radiotouch">www.lutron.com/radiotouch</a> Fax-on-Demand 1-800-523-9466