

# EASYTOUCH II RADIOLINK SCENEPOINT DUAL RELAY SWITCH AND KEYPAD STATION

| RDRxxxE-xxxx

Dual relay switch and keypad in one package, allows for local switching and system control from one device

Maximum of 5A/600W of switched load per relay

Integrates with Legrand's proprietary wireless system, RadioLink, perfect for retrofit solutions

Used for fan, lighting, or shade control using interlocking relay capabilities



Modular one to five button options

Backlighting automatically adjusts based on time of day

Laser-engraved buttons are available with LED backlighting in any color

Hidden infrared receiver allows you to easily select new lighting or shading scenes via remote control

## Description

The Legrand EasyTouch II RadioLink ScenePoint Dual Relay Switch and Keypad Station eliminates the need to install two separate devices to control two loads. It offers the capability of switching two loads from a single wall box, conserving resources and minimizing clutter. ScenePoint Dual Relay Switch and Keypad Stations connect to the Legrand system with two-way communication for centralized control of the lighting circuit using Legrand's proprietary wireless system. The ScenePoint Dual Relay Switch and Keypad Station is an excellent choice for fan, light, and shade control from a single location. Interlock circuitry allows control of multi-directional motors without any chance of causing a mechanical failure. The ScenePoint Dual Relay Switch and Keypad Station is available in both WireLink and RadioLink styles, allowing it to be used in both new construction and retrofit projects.

## EasyTouch II Design Style

EasyTouch II is a modular keypad style with contemporary aesthetics and functionality that complement each project design. Available in one through five-button configurations, EasyTouch II's custom color palette allows designers to match or mix finishes for trims, buttons, and faceplates. Buttons feature full-range RGB backlighting with a built-in diffuser. The backlight color indicates the status of the programmed button by providing the user with the option to personalize the color for on, off, or other status feedback. And, due to the use of laser engraving, only the lettering on each button will be illuminated, maintaining the aesthetic appeal of the keypad.

## Operation

ScenePoint Dual Relay Switch and Keypad Stations are designed and programmed through Design Center software (2.3 or higher). Installation is very simple, the switch is powered by a local line feed, and replaces a standard high-voltage wall switch. ScenePoint Dual Relay Switch and Keypad Stations connect to the Legrand system with two-way communication for centralized control of the lighting circuit via RadioLink, a proprietary wireless control network. The ScenePoint Dual Relay Switch and Keypad Stations can be mounted into standard 1-4 gang electrical boxes.

## Applications

The ScenePoint Dual Relay Switch and Keypad Station is ideal for any commercial application project. Adding switching control to an existing system or in a retrofit situation is easy as replacing a wall switch and adding it to the RadioLink system. In addition, a completely distributed control system can be designed using remote switches. The switch can be paired with Equinox touchscreens to fulfill a project's requirements or used alone for smaller projects or those expected to expand.

PROJECT

LOCATION/  
TYPE

## Features

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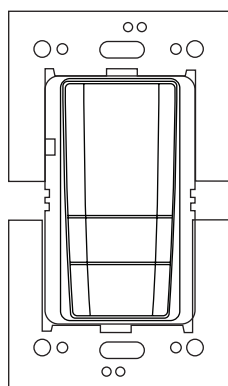
- Allows switch control of any room or device with a single button
- Controls two separate loads from a single wall box
- Acts as a stand-alone, self-contained switch with two relays or as a fully programmable keypad on the Legrand system
- The ScenePoint Dual Relay Switch and Keypad Station has independently controllable dual relays with a hardware interlock which allows it to be employed as a shade controller
- Load control and system keypad in one package
- Connected load(s) can be controlled even if not connected to Station Bus
- Other keypad buttons allow for scene setting or control of third party systems
- Accommodates an optional, built-in IR receiver
- Provides LED button backlighting with adjustable brightness levels
- Offers same look and feel as other Legrand Architectural Dimming keypad stations
- May be ganged with other ScenePoint Relays or ScenePoint Dimmers for customizable distributed control
- Allows for expansion of a centralized lighting control system or for creation of a standalone distributed system
- Features zero cross arc suppressing switching for long relay life
- Two-way communication via proprietary RadioLink protocol

## Specifications

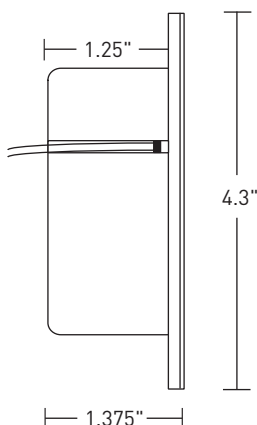
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- Dimensions (HWD): 4.3" x 2.5" x 1.38" (109mm x 64mm x 35mm)
- Weight: 4.9 oz (139g)
- Voltage: 120VAC ~ 60/50Hz
- Addressing: Self-addressing through software
- Ambient operating temperature: 32-77°F (0-25°C)
- Ambient operating humidity: 5-95% non-condensing
- Arc suppression: Zero cross built-in arc suppression
- Auto LED intensity: Yes, built-in/standard
- IR Receiver: Yes, built-in/standard
- Backlit buttons: 3 Color LEDs
- Cooling: None required
- Lightning surge protection - High-voltage: MOV surge suppression, IEEE C62.41 (6000V and 3000A)
- Lightning surge protection - Low-voltage: MOV surge suppression, ITU-T K.20
- Load types: Incandescent, cold cathode, HID, fluorescent, constant-maximum load - Each relay 5A (600W @ 120V) general purpose 5A (600W @ 120V) Ballast, 5A (600W @ 120V) Tungsten, 5A (600W @ 120V) Drapery Motor, 5A (600W @ 120V) Fluorescent
- Minimum load required: 0 Watts
- Station equivalent: Counts as one RadioLink station
- Status indicator: Microprocessor status LED
- UL, cUL, and FCC listed: Yes
- System compatibility: InFusion

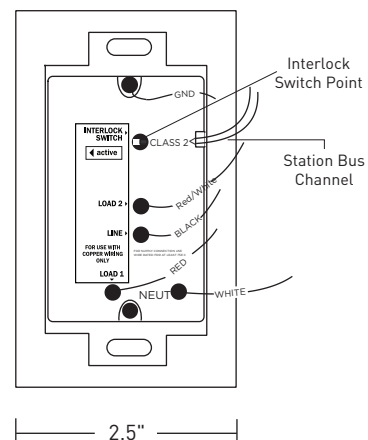
## Installation and Wiring



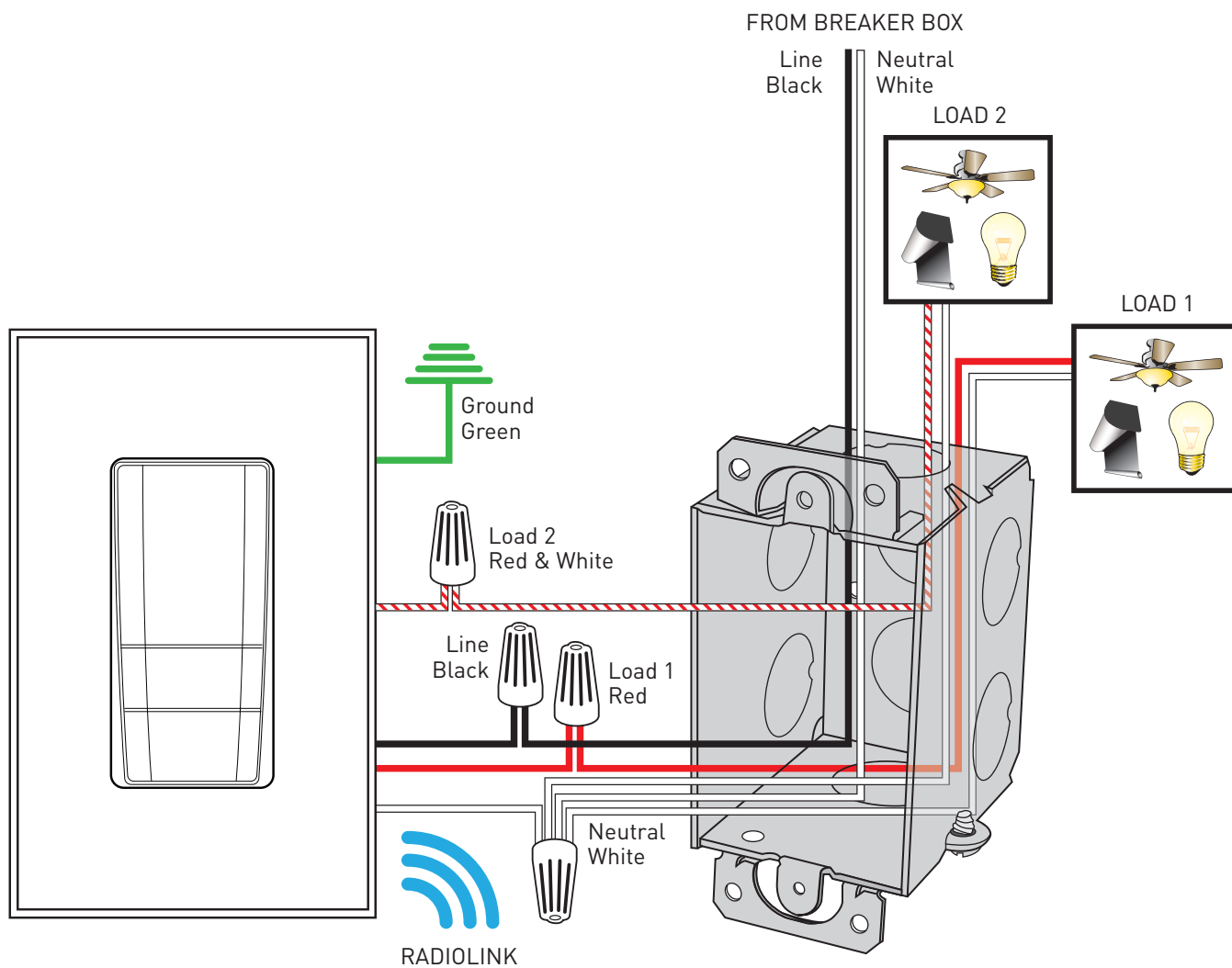
FRONT VIEW



SIDE VIEW



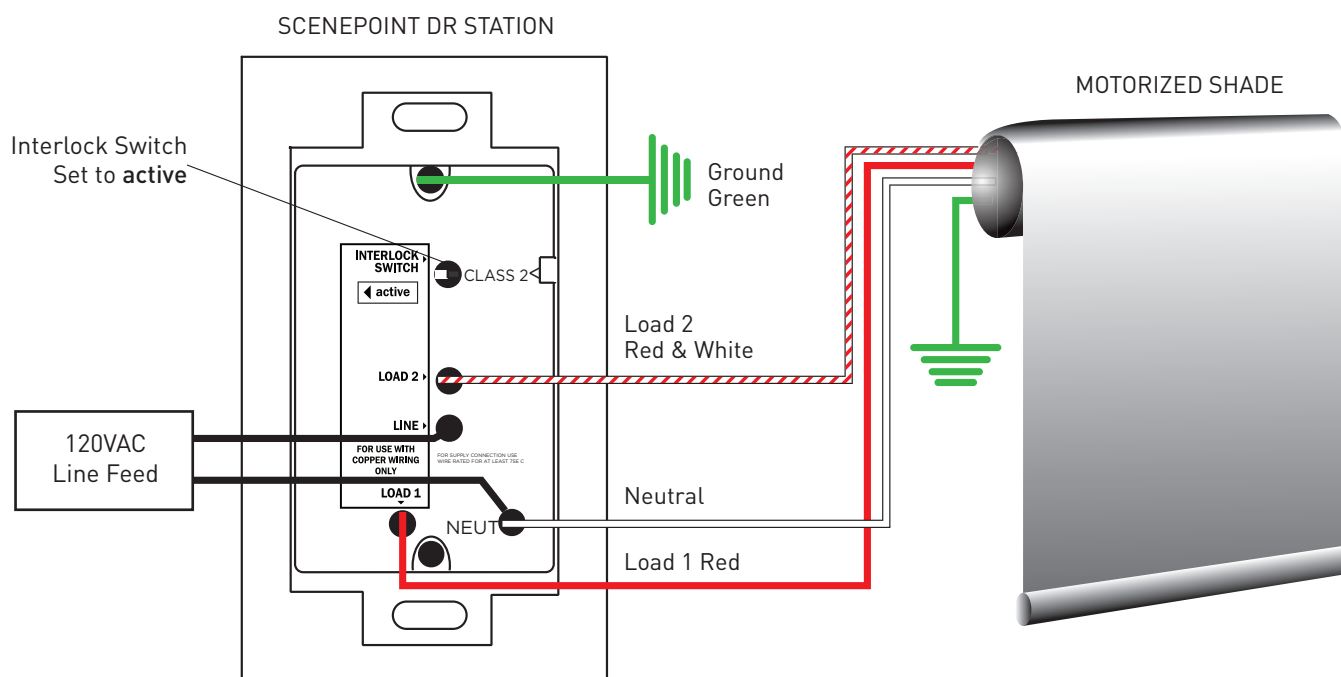
BACK VIEW



## Motorized Shades Wiring



Always disconnect power before wiring the station and shade motor. In this application the Interlock Switch is set to **active** or interlocked. Connect relay load 1 to the open relay of the blind motor and load 2 to the close relay, or vice-versa. Typically neutrals are all tied together at the station box. Custom program desired operation in Design Center.

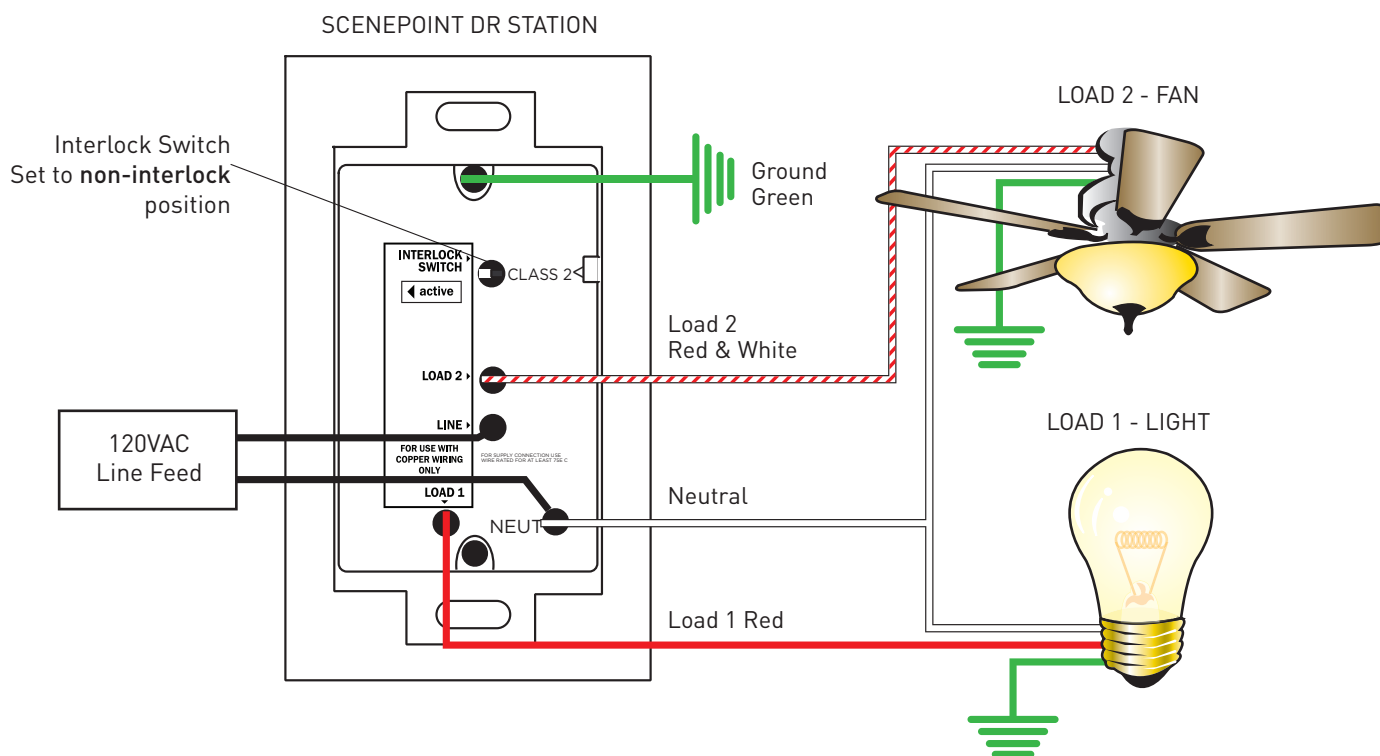


## Fan and Light Wiring



Always disconnect power before wiring the station and station loads. In this application the Interlock Switch is set to inactive or the non-interlocked switch position. Connect relay load 1 to the light and relay load 2 to the fan, or vice-versa. Typically, neutrals are all tied together at the station box. Custom program desired operation in Design Center.

NOTE: The light may not be dimmed in this application.



## LED Dimming

Legrand is leading the way in LED lighting control through innovations of new hardware and software products; however, industry standards are still undefined for dimming LED lamps and fixtures. Dimming performance of LED lighting cannot be guaranteed, even when applying the correct dimming technology specified by the LED manufacturer. While Legrand may be consulted when performance issues are present, Legrand will not be liable for on-site performance issues.

- There are many factors that may contribute to unsatisfactory results within a specific installation, including, but not limited to:
  - Line noise originating from electrical equipment within the premises
  - Line noise from the source (particularly with local generators or inverters)
  - Interference between dimmed LED products
  - Wiring conditions (i.e. shared neutrals, loose neutrals, incorrectly bonded neutral, or grounding issues)
  - LED product variances, including:
    - Unintended batch-related variances
    - Product revisions

## EasyTouch II Configurations

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### Keypad Station

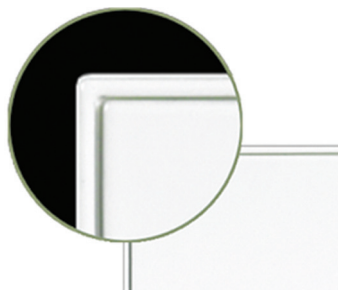
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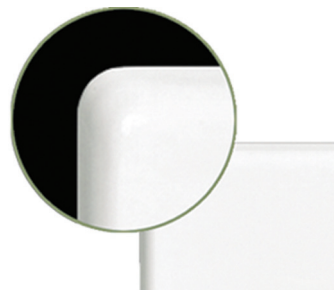
EasyTouch II Keypad Station

### Faceplate Styles

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TrimLine



SoftLine

## EasyTouch II Button Style - Configurations

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EasyTouch II 1 Button



EasyTouch II 2 Button



EasyTouch II 3 Button



EasyTouch II 4 Button



EasyTouch II 5 Button

## Standard Finish Options (\*use Quote Configuration Tool)

## Custom Finish Options (extended lead time)

**Standard Faceplates**

Arctic White (AW)	Ivory (IV)	Original Bronze (OB)	Black (BK)	Titanium (TI)

**Plastic Faceplates**

Arctic White (AW)	Ivory (IV)	Original Bronze (OB)	Black (BK)	Titanium (TI)

**Metal Faceplates**

◀ TrimLine II SoftLine ▶

Oil-Rubbed Bronze (OB)	Almond (AL)	Black Painted   Anodized (BK)   (BA)	Chrome Polished   Satin (PC)   (SC)	Brass Polished   Satin (PB)   (SB)	Clear Anodized (CA)

**Plastic Faceplates**

◀ TrimLine II SoftLine ▶

Brown (BR)	Almond (AL)	Black (BK)

**Trims**

◀ TrimLine II ▶

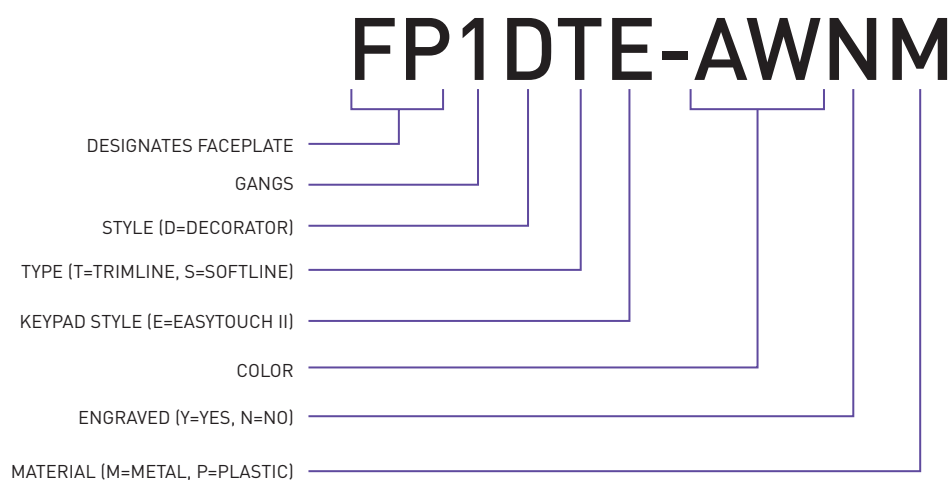
Oil-Rubbed Bronze	Brown	Almond	Black Anodized	Chrome	Brass

**Buttons**

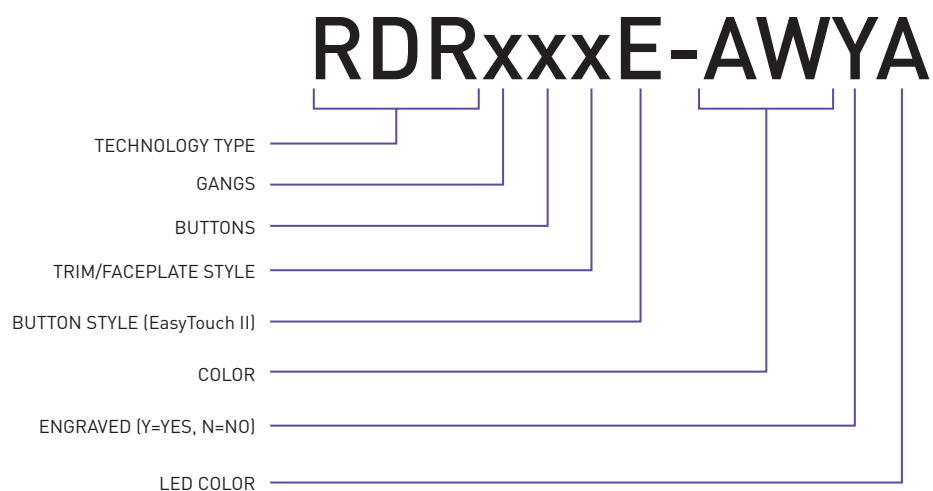
◀ EasyTouch II ▶

Arctic White (AW)	Ivory (IV)	Original Bronze (OB)	Black (BK)	Titanium (TI)

## Faceplate Ordering Key



## Station Ordering Key



Technology Type	Gangs	Button Configuration	Trim/Faceplate Style	Button Style	Button and Faceplate Color	Engraved?	LED Status Color
<input type="checkbox"/> KS = Keypad Station	1 = Single Gang	1 = 1 Button	T = TrimLine	E = EasyTouch II	AW = Arctic White	Y = Yes	A = Tri-Color "ALL"
<input type="checkbox"/> DS/SD = WireLink Dimmer	2 = 2 Gang	2 = 2 Button	X = No trim (use standard decorator plates)		BK = Black	N = No	
<input type="checkbox"/> RD = RadioLink Dimmer	3 = 3 Gang	3 = 3 Button	P = Plastic		IV = Ivory		
<input type="checkbox"/> SR = WireLink Relay	4 = 4 Gang	4 = 4 Button			OB = Bronze		
<input type="checkbox"/> RR = RadioLink Relay		5 = 5 Button			TI = Titanium		
<input type="checkbox"/> SDR = WireLink Dual Relay							
<input type="checkbox"/> RDR = RadioLink Dual Relay							

## Ordering Information

Catalog #	Description	Voltage
<input type="checkbox"/> RDRxxxE-xxxx	EasyTouch II RadioLink ScenePoint Dual Relay Switch and Keypad Station	120-240V - 60/50Hz