Intalling Your Wireless Light Switch

Run Less Wire

Single Rocker Switch and 3-Wire Receiver

Included	Not Included	Optional
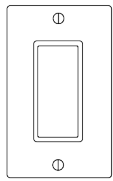
Wireless Light Switch

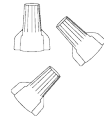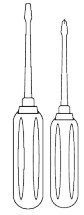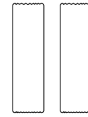Receiver

Junction Box Cover

Wire Nuts

Electrical Tape

Slotted and Phillips Head Screw Drivers

Double Sided Foam Mounting Tape or Plastic wall anchors and screws for screw mounting (not pictured)

1. Before installation, verify that everything is included in your kit and that you have the items, listed above, ready for use.

- Each kit includes a Single Rocker Self-Powered Light Switch, (1) ILLUMRA 3-wire Relay Receiver, (2) 6-32 x 3/4" phillips flathead self tapping screws, (2) 6 x 3/8" phillips flathead screws, (1) Faceplate w/ screws, (1) Installation Guide.
- If the receiver will be installed in an existing light switch junction box, you will need a junction box cover to cover the receiver and box.
- Wire nuts and electrical tape are required to secure the connection between the light fixture wires and the receiver wires.
- Depending on where and how you install the wireless light switch, double-sided tape or wall screws will be required to secure the light switch to the wall.

2. Turn off the power to the switch through the breaker.

WARNING: To avoid risk of fire, shock, or death, TURN OFF POWER at circuit breaker or fuse and verify that it is OFF before installation begins. Make sure that it remains OFF until installation is complete. Please be aware that with some versions of the product, it is possible to have multiple branch circuits feeding the Relay Receiver.

3. Remove old light switch from junction box and dispose

Our Wireless Switch Kit is designed to last up to 20 years and can be used in multiple homes. Therefore, step three may be replaced by saving your old light switch to put back if you plan on moving your wireless light switch to your new home.
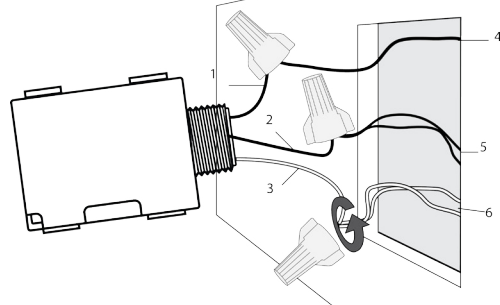
1 = Red Wire
2 = Black Wire
3 = White Wire
4 = Switch Hot Wire
5 = Hot Wire
6 = Neutral Wire

Connect:

Black Wire (2) with Hot Wire (5)

White Wire (3) with Neutral Wire (6)

Red Wire (1) with Switch Hot Wire (4).

4. Connect receiver wires to the existing wires in the junction box.

- The hot wire will be black and the neutral wire will be white.
- If no neutral wire is available in the switch junction box, you will need to wire the receiver into the junciton box of the light fixture.
- Use wire nuts and electrical tape to connect the wires.
- Wiring Diagram is on the back of this installation guide.

SAFETY NOTE - If your fixture is a ceiling-hugger fixture, use only compact flourescent bulbs to avoid overheating. Also, if you are unsure about the wiring, contact a local electrician.

5. Cover junction box with face plate.

Covering the junction box after installing the receiver will reduce the risk of injury, fire, and electrical failure. DO NOT cover the junction box with drywall and paint as you may need to access the receiver in the future.
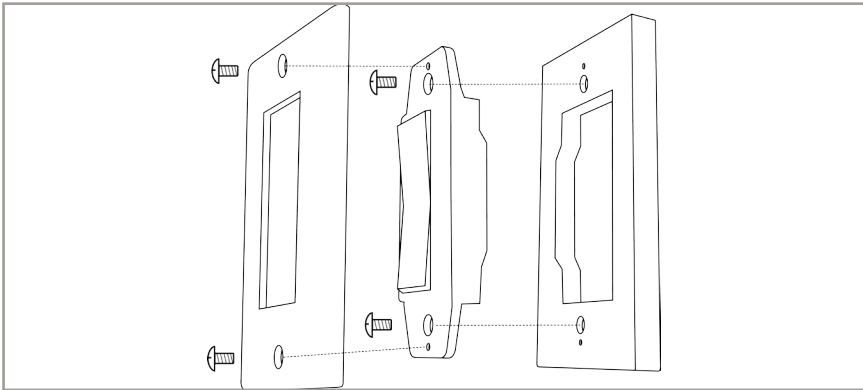
6. (a) Assemble the lightswitch based on the location and mouting method.

Wireless light switches can be mounted in a standard switch box or surface mounted using screws or adhesive. If mounting to junction box, remove backplate from light switch assembly. The light switch face plate should be flush with the wall. Ensure that the light switch location os no more than 50-150 feet from the receiver. Consider testing the range before installation.
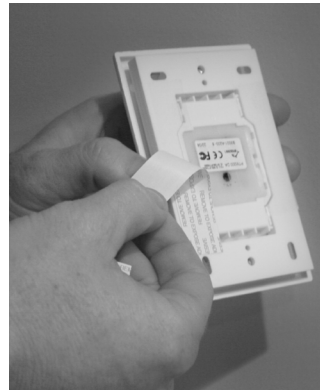
6. (a) Adhesive Surface Mount

Step 1: Attach the switch to the Back Plate using the included 6 x 3/8" screws.

Step 2: Attach the faceplate to the switch and back plate assembly (Faceplate screws are included).

Step 3: Apply adhesive tape to the Back Plate of the switch.

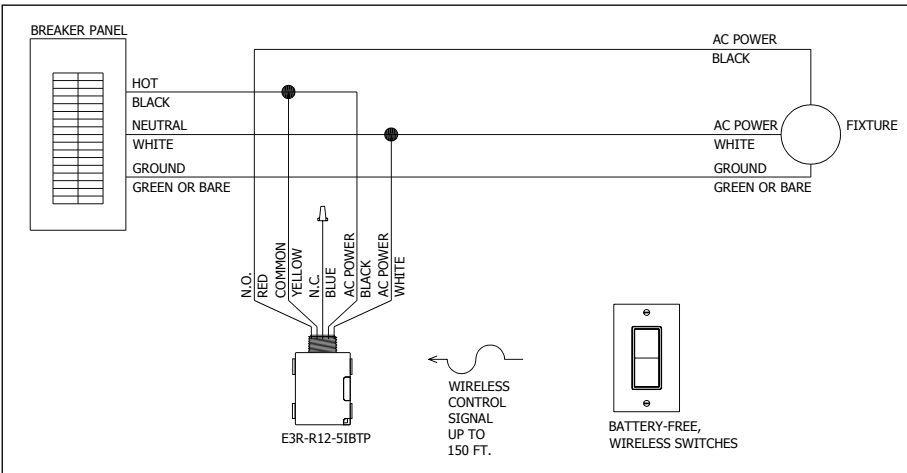**Step 4**: Affix the switch to the wall.

6. (b) Screw Surface Mount

Step 1: If necessary, drill pilot holes into the wall.

Step 2: Use suitable screws (not included) to mount the wireless light switch to the wall.

Step 3: Attach the Switch to the Back Plate using the included 6 x 3/8" screws.

Step 4: Attach the faceplate after the switch has been attached to the wall (Faceplate screws are included).

6. (c) Switch box mount

Step 1: Set aside the Back Plate. It is not needed for this installation.

Step 2: Attach the switch into the screw holes on the switch box using the 6-32 x 3/4" machine screws.

Step 3: Attach the faceplate after the switch has been attached to the switch box (Faceplate screws are included).

	3-Wire Relay Receiver	Single-rocker Self Powered Switch
Range	50 - 150 feet (typical)	
Frequency	315 MHz	
Relay Output	24 VAC	N/A
Max Loads/ Contact Ratings	Tungsten / Incandescent	100 W	N/A
	Fluorescent Ballast	3 A	N/A
	General Duty	6 A	N/A
	A300 Pilot Duty	24 VA	N/A
Power Supply	24 VAC - 50/60 Hz	Self-Powered when Pressed
Dimensions	2.11 x 1.73 x 1.09 inches	2.75(W) x 4.5(H) x 0.62(D) inches
Operating Temperature	14° to +122°F (-10° to +50°C)	-13° to +149°F (- 25 ° to + 65°C)
Storage Temperature	-4° to +176°F (-20° to +80°C)	
Radio Certification	FCC (United States): SZV-TCM2XXC I.C. (Canada): 5713A-TCM2XXC	
Safet Approval	ETL (United States): UL244A, UL2043 ETL(Canada): CSAc22.2#14-05	