

How It Works

The Illumra wireless light switch is powered by a micro-generator which converts the motion of a switch press into a wireless signal. The wireless signal is sent to Illumra receivers, which control lights and other loads.

Applications



Fan/Light Combos



Outdoor Lighting



Solid Walls
(logs, bricks, etc.)



Pull Chain Lights



Lamp Control &
Dimming



"Green" Building
Automation

Use Illumra control systems to save energy.

- Commercial
 - Residential
 - Industrial
- Ask about Illumra "green" energy management solutions for buildings.

Time and Material Savings

- Install switches quickly and easily
- Run power to fixture only; eliminate wires to switches
- Eliminate 14-3 traveler wires for multi-way switching

Convenience

- Install switches anywhere
- Control multiple receivers with one switch
- Avoid working in attics and crawl spaces

Reliability

- Operate 150 ft. away
- Never have a "dead" switch; no batteries required
- Approved to UL standards



www.ILLUMRA.com

Frequently Asked Questions

Q: Can I install a 3-way switch with self-powered wireless light switches?

A: Yes. Illumra wireless switches are great for multi-way switching. One 120V Relay Receiver can learn the unique code of up to 30 different switches, making multi-way switch control a snap.

Q: Can I mix Illumra wireless switches with existing hard-wired switches?

A: Yes. Some Illumra receivers are compatible with hard-wired 3-way switches and are meant to be used along with hard-wired switches in the same circuit. Note that single pole switches must be replaced with 3-way switches which can then connect to certain Illumra receivers.

Q: Can self-powered wireless devices be used around metal?

A: Yes. Illumra wireless light switches and receivers can be used around metal; however, the range may be reduced. To maximize range, we encourage using non-metallic cover plates and electrical boxes.

777 S. State Street
Orem, UT 84058
(801) 225-2226



**No wires.
No batteries.
No hassle.**



Remodels & Retro-fits Made Easy

- Add switches quickly and easily
- Place switches anywhere
- Finish jobs faster
- 150 ft. range



AD HOC
CONTROLS™

AdHocControls.com
(801) 225-2226

Product Line

SELF-POWERED WIRELESS LIGHT SWITCHES



- Decorator Switches**
- White
 - Light Almond
 - Ivory
 - Brown
 - Black
- Handheld Remotes**
- White
 - Silver
 - Black

Transmission Range:
150 ft.

Rated for 20+ years of use

RECEIVERS



ACCESSORIES



Simple Remodels & Retro-fits

Avoid tearing into walls and running new wires. Illumra self-powered wireless light switches can be surface mounted or installed in switch boxes.



Surface mount

OR

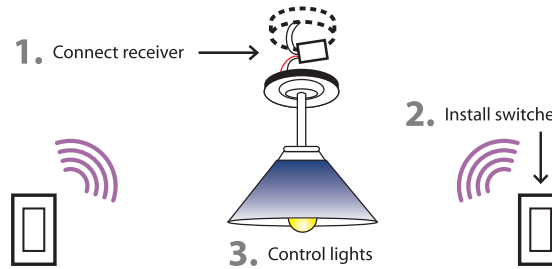


Install in switch boxes

- keeps installers out of the walls
- less wire
- less time

Quick & Easy 3-way Switches

Install 3-way light switches in minutes with Illumra self-powered wireless products. No 14-3 traveler wires are required.



1. Connect Receiver

- Wire receiver between power source and fixture (see "Wire In Minutes")

2. Install Switches

- Program each switch to communicate with the receiver (see "Program In Seconds")
- One receiver can be controlled by up to 30 switches
- Surface mount switches or install in switch boxes

3. Control Lights

- Up to 150 ft. range
- Enjoy customized lighting controls

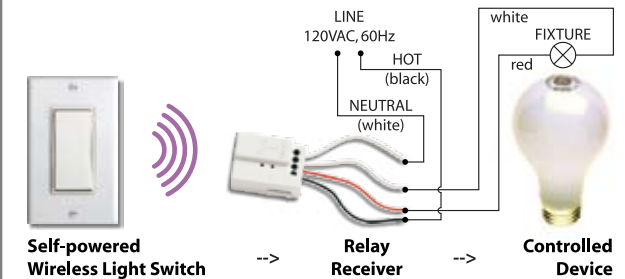
Make hard jobs easy.

"Illumra self-powered wireless switches turn a difficult job into a simple one; every electrician should carry an Illumra wireless light switch kit on their truck."

Stephen Chenard
Electrical distributor
Kalispell, MT

Wire In Minutes

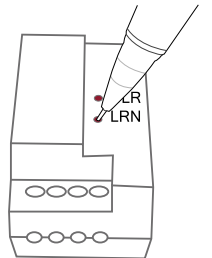
Example Circuit (features 120V Relay Receiver)



Program In Seconds

The receiver must be powered before programming. Use a non-metallic insulated probe to press receiver buttons (e.g. plastic ballpoint pen).

1. Press and hold the LRN button for 0.5 seconds. The load will begin toggling.
2. Press a self-powered wireless switch to transmit the switch's unique code to the receiver. The load will stay on for 4 seconds.*
3. When toggling resumes, exit learn mode by pressing the LRN button. To create a multi-way switch, prior to exiting learn mode press additional switches (see step 2).



*To remove the unique code of a switch from the memory of a receiver, press the programmed switch while in learn mode. The load will stay off for 4 seconds indicating the switch code has been removed from memory.

Receiver Specs.

	Input	Output	Channels	Uses
120V Relay	120 VAC	200W Incandescent 140W Ballast	1	lighting: remodels and retro-fits
120V Plug-in Dimmer/Relay	120 VAC	300W	1	lamp dimming
4/8-ch Low Voltage Relay	8-30 VDC 8-28 VAC	0-30 VDC or VAC 2A	4 or 8	integrate w/ control systems
Manual ON/OFF, Auto OFF Room Controller	8-30 VDC	35V max, 100mW max	1 input 3 outputs	energy management
RS-232	8-30 VDC 8-28 VAC	RS232, 9600, 8N1	n/a	connect to automation systems
4-ch Low Voltage Solid State	8-30 VDC	35V max, 100mW max	4	lighting and sensor interface
Relay w/ Power Pack	120, 230, or 277 VAC	600W Incandescent 1200W Ballast	1	control loads up to 1200W



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