



# Single Channel Relay Receivers

RELIABLE, EASY-TO-USE SELF-POWERED WIRELESS CONTROLS

No wires. No batteries. No hassle.

Single channel relays allow lights and fans to be controlled by Battery-free Wireless Light Switches, remotes and sensors. The in-line relays help simplify advanced wireless lighting control.

## RELIABLE RANGE

- 100 ft. avg. range
- Each unit stores up to 30 Light Switch IDs
- Error checking on all packet transfers

## EASY-TO-USE

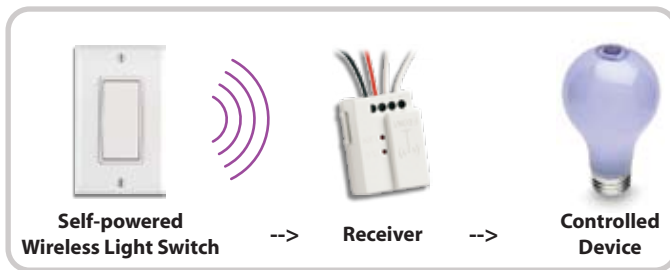
- Installs in minutes
- Easy-to-configure
- Compatible with Battery-free Wireless Light Switches



120V  
(E8R-R12BP-1)

## NETWORK DIAGRAM

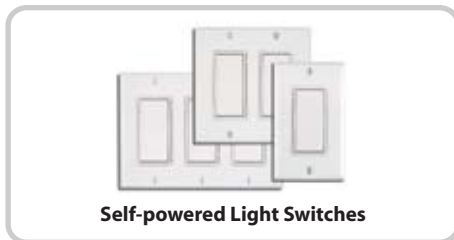
### Basic Controls



### How it works:

- The in-line relays are wired between the light fixture and power source.
- Relay receivers then "Learn" the addresses of transmitting switches or sensors. Once programmed (using a simple single-button programming procedure), the receivers respond to ON/OFF commands sent by transmitters stored in memory.

## COMPATIBLE WIRELESS TRANSMITTERS



## SPECIFICATIONS

### 120V Relay Receiver (E8R-R12BP-1)

|                        |   |
|------------------------|---|
| Range                  | 100 ft. avg.  |
| Frequency              | 868 MHz   |
| Relay Output           | 110-125 VAC, 8.2  |
| Maximum Loads          | 200 W (Tungsten/Incandescent)<br>140 W (Fluorescent ballast) cos=0.4-0.6<br>1000 W resistive (Non-lighting Devices) |
| Power supply           | 120-125 VAC   |
| Number output channels | 1   |
| Memory                 | Stores up to 30 Switch IDs  |
| Weight                 | 5 oz.   |
| Dimensions             | 47.0mm x 33.0mm x 28.0mm  |
| Radio Certification    | FCC   |

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AdHocElectronics.com  
support@AdHocElectronics.com  
(801) 225-2226

