



## Installation Guide

ExT-S2HWH (White)  
ExT-S2HBK (Black)

Frequency:  
E3T - 315 MHz  
E9T - 902 MHz

### Handheld Self-Powered Wireless Switch



## Overview

The Handheld Self-Powered Wireless Light Switch is a battery-free wireless transmitter that communicates with a wide variety of receivers. Every time one of the switches is pressed a small micro-generator produces a small electrical current that powers a built-in transmitter. This transmitter sends wireless signals that command the receiver to turn a device off or on. With an appropriate receiver, the switch can also be used to control the dimming of lights.

## Compatible Devices

3-Wire Relay  
5-Wire Relay  
Plug-in Dimmer/Relay  
4-Channel Low Voltage Receiver  
Room Controller  
More receivers available

## EnOcean Equipment Profiles (EEPs)

EEPs: F6-02-01, F6-02-02

## Components Included

The following items are included with this product:  
A -- (1) ILLUMRA Handheld Self-Powered Light Switch

## Linking

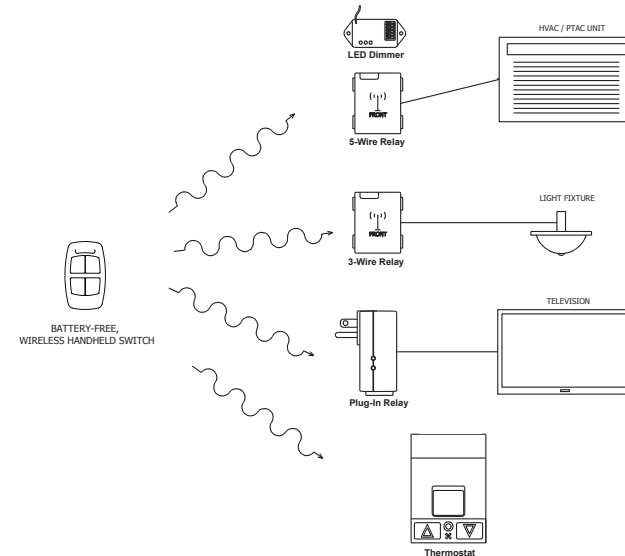
(link switches to receivers)

- Step 1: **Make sure the switch is within 16 feet (5 meters) of the desired receiver when linking.** Receivers have reduced range during link mode.
- Step 2: **Linking:** To link a wireless light switch to a receiver, simply press the rocker of the wireless light switch while the receiver is in the desired Link Mode (see receiver instructions for information on how to link the receiver). Repeat this process for the other buttons.
- Step 3: **Activation:** Once a wireless light switch has been taught to a receiver, simply press the rocker on the wireless light switch to control the load.
- Note: 1) Do not attempt to activate the load while the receiver is in Link Mode or the receiver may accidentally link or unlink the switch.  
2) When linking a switch to a receiver, press only one side of a single switch at a time. The same applies to a dual rocker switch, press only one side of one switch at a time.

## Specifications

	ExT-S2Hxx
Range	50-150 feet (typical)
Frequency	315 MHz, 902 MHz
Power Supply	Self-generated when switch is pressed
Channels	4 buttons (2 rockers)
Dimensions	1.85 x 3.15 x 0.7 inches
Radio Certification	FCC: SZV-PTM200C, SZV-PTM210C or SZV-PTM210U IC: 5713A-PTM200C, 5713A-PTM210C or 5713A-PTM210U
Addressing	Factory set unique ID (1 of 4 billion)

## Network Diagram



Contains FCC ID: SZV-PTM200C, SZV-PTM210C or SZV-PTM210U, Contains IC: 5713A-PTM200C, 5713A-PTM210C or 5713A-PTM210U  
The enclosed device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (i.) this device may not cause harmful interference and (ii.) this device must accept any interference received, including interference that may cause undesired operation.

This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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