



Installation Guide

Handheld Self-Powered Wireless Light Switch - 902MHz

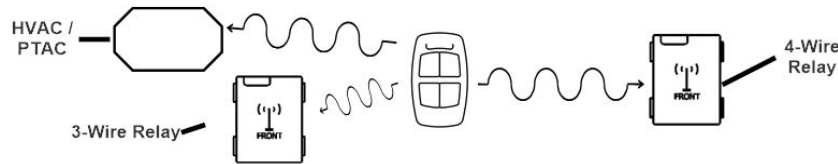
Model(s):

E9T-S2HWH



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
- 4-Wire Relay
- 8-Channel Low Voltage Receiver
- More receivers available

EnOcean Equipment Profiles (EEPs):

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

Components Included:

- The following items are included with this product:
- (1) ILLUMRA Self-powered Handheld Remote Light Switch
 - (1) Installation Guide

Equipment needed for installation:

- N/A



Contains FCC ID: SZV-PTM215U
Contains IC: 5713A-PTM215U

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

Link(s) to:

- [Classroom on/off Multiples](#)
- [Handheld Remote Datasheet](#)

Programming and Activation

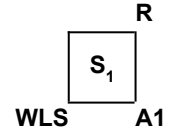
- Step 1:** **Be sure not to mount the switch until after it has been programmed** to all appropriate receivers. Test the range of the wireless Handheld Remote Switch before mounting.
 - Step 2:** Make sure the Handheld Remote switch is within 16 feet (5 meters) of the desired receiver when linking. Receivers have reduced range during linking mode.
 - Step 3: Linking:** To link a wireless Handheld Remote switch with a receiver, 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 - some receivers require triple press for linking). Repeat for each pair of rocker switches, links 2 scenes or zones.
 - Step 4: Activation:** Once a wireless Handheld Remote switch has been linked to a receiver, simply press the rocker on the wireless Handheld Remote 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 rocker switch at a time.

Installation

Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.

Mounting:

- Note:
- 1) It is recommended to place or store the Handheld Remote is a consistent location to reduce chances of mis-placing
 - 2) If necessary 2 sided foam tape can be used to secure the Handheld Remote to a flat surface.



Layout Symbol
ANSI-J-STD-710

Specifications

| Model(s) | E9T-S2HWH |
|---------------------|--------------------------------------------------|
| Range | 50-150 feet (typical) |
| Frequency | 902 MHz |
| Power Supply | Self-generated when switch is pressed |
| Output Channels | Only limited by number of receivers in range |
| Dimensions | 1.85" (W) x 3.15" (H) x 0.70" (Proj.) |
| Buttons | 4 Buttons (2 rockers) |
| Radio Certification | FCC (US): SZV-PTM215U IC (CAN): 5713A-PTM215U |
| Addressing | Factory set unique ID (1 of 4 billion) |

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