

# Product Installation Guide



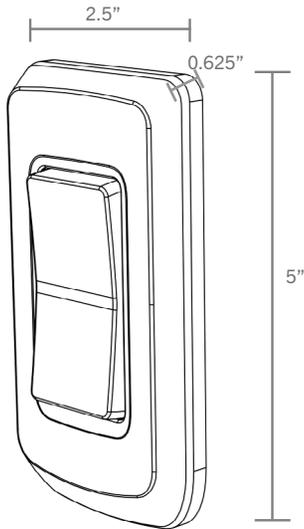
## Wireless Light Switches MZ-SW1



### Description:

The light switch, also known as “rocker switch” is a battery free, wireless transmitting device that communicates with a wide variety of receivers, including relay controllers as well as all of the Magnum OPUS line. Every time the light switch is pressed, a small micro generator produces a tiny electrical current that powers a built in transmitter. This transmitter sends wireless signals that command the relay/receiver to turn a device “off”, “on” as well as “dimming”, where applicable.

### Dimensional Line Drawing & Technical Specifications:



Part Number	MZ-SW1
Range	75-150 feet (typical)
Power Supply	Energy Harvesting / Self-generated
Dimensions	2.5 x 5 x 0.625 inches
Radio Certification	FCC (United States) SZV-PTM215Z I.C. (Canada) 5713A-PTM2152

### Features Include:

- Can be mounted on an existing light switch plate or can be placed anywhere in a space
- Can be used to create 3-way and 4-way switches
- Has the ability to control lights, motors and other electrical loads
- Reconfigure and relocate as needed
- Can turn on, off and also dim lights

### Equipment for Installation:

- Double sided tape (for tape mounting)
- Slotted & Phillips Screwdriver
- Plastic wall anchors and screws (for screw mounting)
- Leveling tool
- Drill

### Planning for Installation:

- Take a moment to prepare for installation and ensure optimal communications with other system components in the space.
- Consider any materials or obstacles that may interfere with RF signals, such as metal and concrete.

**WARNINGS:** To avoid fire, shock or death; turn off power at circuit breaker or fuse panel and test that power is off before wiring.

### Installation:

#### SCREW SURFACE MOUNT:

1. Before installing, first determine the proper height on the wall to mount the switch. It is important to keep the wireless switch in line with other light switches in the space.
2. If necessary, drill pilot holes into the wall.
3. Use suitable screws (not included) to mount the wireless switch to the wall.
4. Attach the switch to the back plate using the screws included.
5. Attach the faceplate after the switch has been attached to the wall.

#### ADHESIVE SURFACE MOUNT:

1. Determine the appropriate location for the switch in the space.
2. Apply adhesive tape to the back plate of the switch
3. Affix the switch to the wall or to the selected location

#### SWITCH BOX MOUNT:

1. Set aside the back plate of the switch as it is not needed for this kind of installation
2. Attach the switch into the screw holes on the switch box using the machine screws provided
3. Attach the faceplate after the switch has been attached to the switch box.

### User Guide:

The primary utilization of these switches is typically to control lights. Occupants interface with these switches just like standard wired switches they are familiar with. To turn the lights “on”, simply press the upper part of the switch until an audible “click” can be heard. Before the light switch is released, the lights will turn “on”. To turn the lights “off”, simply press the lower part of the device. To dim up, simply press and hold the upper part of the switch until the lights have reached their desired brightness level. To dim down, simply press and hold the lower part of the switch until the lights are dimmed down to the desired level. If scene control is enabled within the sequence of operations, the occupant is able to click through the various scenes, which can be configured into the selected devices. One click may represent “full brightness” with two sequential clicks designating a “50 on” option, for instance. The scene control function can have up to 4 different scenes programmed in.