

# Wireless Light Switch Installation Instructions (No Provisioning)

This manual and information contained herein applies to the following devices only:

Battery Powered Dimming Light Switch (32120001)

Battery Powered Light Switch (32120002)

## Introduction

Package Contents:

- Battery powered light switch
- 2 #6-32 screws
- 2 yellow wire nuts
- Flush mount kit
- Drywall template

### Warning

This switch is powered by three CR2032 lithium-ion batteries.

Use only batteries approved by the manufacturer.

Risk of fire or explosion if the battery is replaced by an incorrect type.

Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;

Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and

A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Do not ingest battery, Chemical Burn Hazard

This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention

## **Turning on the Device**

To power the light switch simply remove the three pull tab isolators from the switch body

## **Installation**

Once the isolator tabs have been removed the switch is ready for installation. There are four installation types. Be sure to follow the correct instructions for your implementation.

### **Gang box installation; with conventional switches or outlets**

Use this method if you are installing the wireless switch in a multi-device gang box that has AC powered devices in it.

Before installing, shut off power at the circuit breaker or fuse, and test the wired switches or outlets to ensure power is off.

If the wireless switch is replacing an existing wired switch, remove the existing switch. Connect the two hot wires from the removed switch using the wire nut provided.

Connect the ground in the junction box to the ground tab on the wireless switch.

Fasten the switch to the gang box using the screws provided. Use the pinhole on the back of the switch to determine the up orientation - the pinhole should be on the top side when installed correctly.

### **Gang box installation; wireless switches or low voltage devices**

This method can be used if the gang box does not contain any wired electrical devices.

Fasten the switch to the gang box using the screws provided. Use the pinhole on the back of the switch to determine the up orientation - the pinhole should be on the top side when installed correctly

## Flush Mount Box

If the switch will be mounted to the surface of the drywall using the flush mount box, use the following procedure:

Attach the flush mount frame to the wall using the provided hardware.

Insert the wireless switch into the frame and use the provided screws to connect the switch to the frame. Use the pinhole on the back of the switch to determine the up orientation - the pinhole should be on the top side when installed correctly.

Put the cover box on the switch and fasten with the provided screw.

## Quick Mount Box

Cut a hole in the drywall using the provided template.

Insert the quick connect box and secure by pushing the latching tab down securely.

Remove the grounding lug from the wireless switch by snapping the tab at the scored mark.

Insert the the switch into the quick connect box and push down to secure the unit.

Place the cover plate over the switch and screw on to secure the unit.

## Regulatory Declarations

**Warning** Changes or modifications not expressly approved by Katerra Inc. could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

**Warning** To satisfy FCC/ISED RF exposure requirements for mobile transmitting devices, a separation distance of 20.0 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

**NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help