

WSW-02, WSW-08, WSW-02-PS, WSW-08-PS

WARNING AND CAUTIONS:

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!**
- **Risk of Electric Shock:** - More than one disconnect switch may be required to de-energize the equipment before servicing.
- To be installed and/or used in accordance with appropriate **Electrical Codes** and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

WARNING AND CAUTIONS:

- Disconnect power at circuit breaker or fuse when servicing, installing or removing the wireless switch.
- Use this device with copper or copper clad wire only.
- **Wiring Connectors:** All existing wiring connectors must be replaced with new UL listed wiring connectors. All wiring connectors must be correctly sized for the application and the number and the size of the electrical conductors.

INSTALLATION GUIDE

SPECIFICATIONS

Input Power: 1.2W
Input Voltage: +12V DC to +24V DC
Radio Frequency: 2.4 GHz SNAP
Operating Temperature: -20 to 60 C
Operating Humidity: 10 to 90% non-condensing
Dimensions: 4.32" H x 1.63" W x 1.75"

CAUTION

- This product must be installed in accordance with national, state, and local electrical codes and requirements
- All work must be performed by qualified personnel

INSTALLATION INSTRUCTIONS

WARNING: TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND VERIFY THAT POWER IS OFF BEFORE WIRING!

Installing the Switch

1. Connect the switch and power supply as indicated in Figure 1.
2. Carefully fold the wires and power supply into the junction box.
3. Securely mount the switch to the junction box.

Mounting the Wall Plate

Included in the box is a snap on wall plate and a wall plate adaptor. See Figure 2. The installer can use the included wall plate or a wall plate of their choice. Industrial sites typically use a stainless-steel wall plate.

Typically, the wall plate adaptor is not needed. You should be able to snap on the wall plate without removing the 4 ears on the switch.

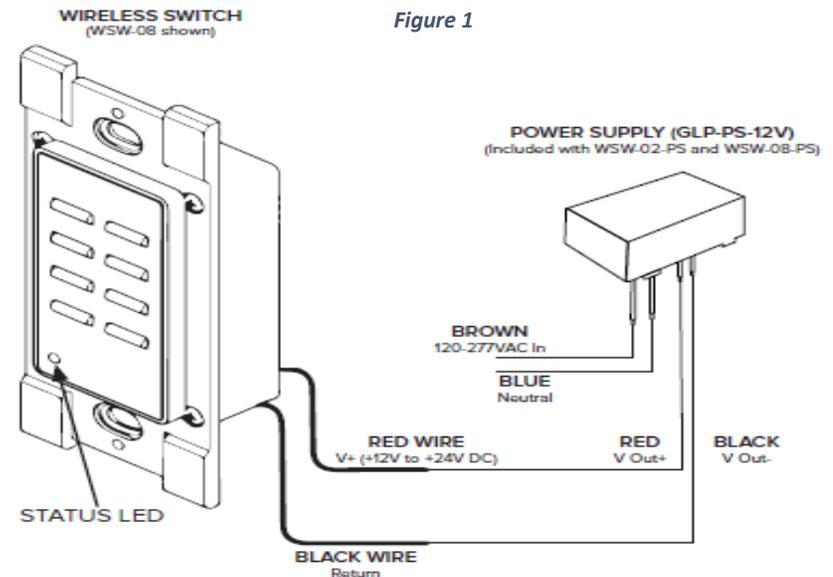
1. If the supplied snap on wall plate will not snap on the switch ears, try loosening the screws a tad to create some space. Or add a spacer to the top and bottom screws to create the space for the tabs to engage.
2. If the ears on the switch prevent mounting a wall plate, then remove the ears (see Figure 3) and install the wall plate.

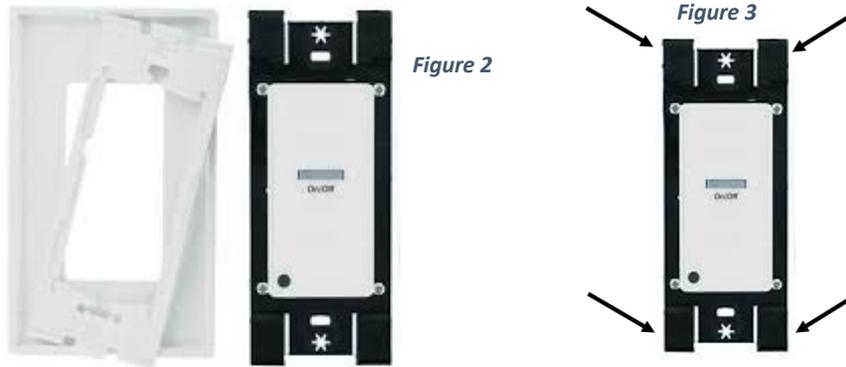
Operation

1. Once installation is complete and power is applied, BUT before the switch is provisioned as part of a SimplySNAP system, the STATUS LED will blink blue.
2. Once the switch is provisioned as part of a SimplySNAP system, the STATUS LED will remain solid blue.
3. If the wireless switch loses communication with the SimplySNAP site controller, the switch will blink red.
4. All of the LEDs included as part of the wireless switch can be dimmed by simultaneously pressing any two buttons on the switch. Simultaneously press any two buttons again to return the LEDs to full bright.

Provisioning

For information about provisioning the Wireless Switches, please refer to the SimplySNAP User Guide at: <https://www.synapsewireless.com/> Click on Resources Menu, then select **Lighting Resources**.





REGULATORY INFORMATION AND CERTIFICATIONS

RF Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada (IC) certifications: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

FCC certifications and regulatory information (USA only)

FCC Part 15 Class B: This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) These devices may not cause harmful interference, and (2) These devices must accept any interference received, including interference that may cause harmful operation.

RADIO FREQUENCY INTERFERENCE (RFI) (FCC 15.105): 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: (1) Re-orient or relocate the receiving antenna; (2) Increase the separation between the equipment and the receiver; (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected; (4) Consult the dealer or an experienced radio/TV technician for help.

Declaration of Conformity (FCC 96-208 & 95-19): Synapse Wireless, Inc. declares that the product name "WSW-08" to which this declaration relates, meet the requirements specified by the Federal Communications Commission as detailed in the following specifications:

- Part 15, Subpart B, for Class B equipment
- FCC 96-208 as it applies to Class B personal computers and peripherals
- This product has been tested at an External Test Laboratory certified per FCC rules and has been found to meet the FCC, Part 15, Emission Limits. Documentation is on file and available from Synapse Wireless, Inc.

If the FCC ID for the module inside this product enclosure is not visible when installed inside another device, then the outside of the device into which this product is installed must also display a label referring to the enclosed module FCC ID. Modifications (FCC 15.21): Changes or modifications to this equipment not expressly approved by Synapse Wireless, Inc., may void the user's authority to operate this equipment.

CERTIFICATIONS

Contains FCC ID : U90-SM220
Contains IC : 7084A-SM220

Contact Synapse for Support- (877) 982-7888