

## Specification Data

|           |  |
|-----------|--|
| Job Name  |  |
| Type      |  |
| Catalog # |  |
| Comments  |  |

## PRODUCT OVERVIEW

The Synapse family of **Wireless Switches** are a set of low-voltage switches that are compatible with SimplySnap. The switches are available in either 2 or 8 button configurations.

Wireless Switches can replace traditional wired switches and provide convenience of lighting control without needing to switch the lighting load directly. The wireless switch communicates via the SNAP mesh network to allow installation of the switch in the most convenient user location. Multiple wireless switches can be used throughout the site and configured to provide optimized control of the lighting.

## KEY FEATURES:

- 2 or 8 button configurations
- Mounts in standard single-gang electrical box
- Compatible with the SimplySnap Lighting Control System
- Blue LEDs behind each button indicate activation of button
- Multi-color LED indicates switch communication status and serves as LOCATOR LED
- Up to 5 scenes configurable in SimplySnap can be assigned to each button providing extensive flexibility in lighting control



To learn more, call or visit:  
synapsewireless.com  
(877) 982-7888



## Flexible Switch Access for SimplySnap

| Order #                    | Description  |
|----------------------------|--|
| WSW-02<br>(See Note 1)     | Wireless two-button switch                         |
| WSW-02-PS<br>(See Note 2)  | Wireless two-button switch with 12V power supply   |
| WSW-08<br>(See Note 1)     | Wireless eight-button switch                       |
| WSW-08-PS<br>(See Note 2)  | Wireless eight-button switch with 12V power supply |
| GLP-PS-12V<br>(See Note 2) | 12V Power Supply                                   |

**NOTE 1:** These products require DC power for operation. The WSW-02-PS and WSW-08-PS include an AC to DC power supply. If purchasing the WSW-02 or WSW-08, the customer must supply a power source that converts line voltage to a range of 12VDC to 24VDC (1.2W). This power can be provided by the DIM10-250-11 if used as a controller within the lighting solution.

**NOTE 2:** Power supply must be located in a separate electrical box to meet electrical code requirements.

|                       |   |
|-----------------------|---|
| Dimensions            | 4.4" H x 1.75" W x 1.5" D<br>112 x 45 x 38 mm |
| Input Power           | 1.2W  |
| Input Voltage         | 12-24V DC                                     |
| Operating Environment | -20 to 60 C;<br>10 to 90% non-condensing      |
| Radio                 | 2.4 GHz SNAP                                  |
| Certifications        | FCC/IC  |
| Warranty <sup>1</sup> | 5 Years                                       |

1. See [www.synapsewireless.com/warranty](http://www.synapsewireless.com/warranty) for warranty terms

# WIRELESS SWITCH FAMILY WIRING DIAGRAM

**WIRELESS SWITCH**  
(WSW-08 shown)

**POWER SUPPLY (GLP-PS-12V)**  
(Included with WSW-02-PS and WSW-08-PS)

