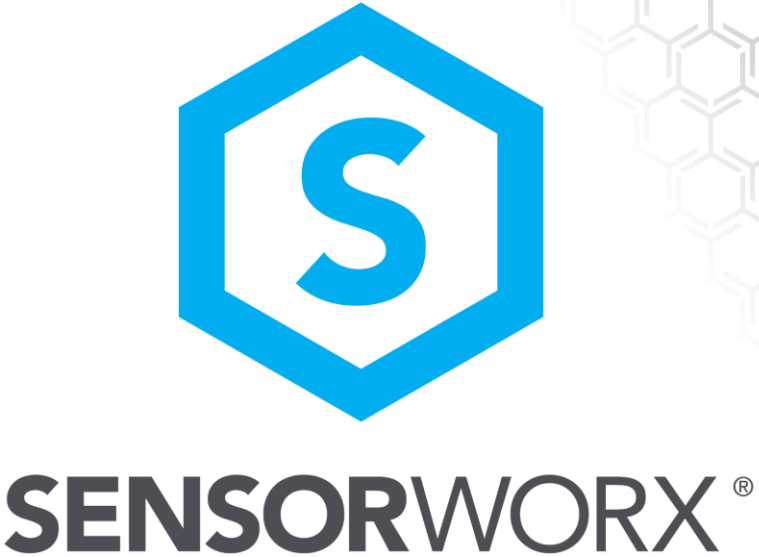
Mlazgar.com



SensorWorx.com

Wireless

SENSORWORX®

WIRELESS
CONTROL SOLUTIONS

MLAZGAR ASSOCIATES

SENSORWORX.COM

SENSORWORX®

sensorworx.com

THE NEW STANDARD
IN LIGHTING CONTROLS

- Enhanced PIR & acoustic occupancy detection
- Designed in USA
- Manufactured exclusively in USA

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SENSORWORX®

WIRLESS PRODUCT LINE OVERVIEW

- Target Applications
- Key Features
- Wireless Operation Basics
- Products
- Wireless Linking

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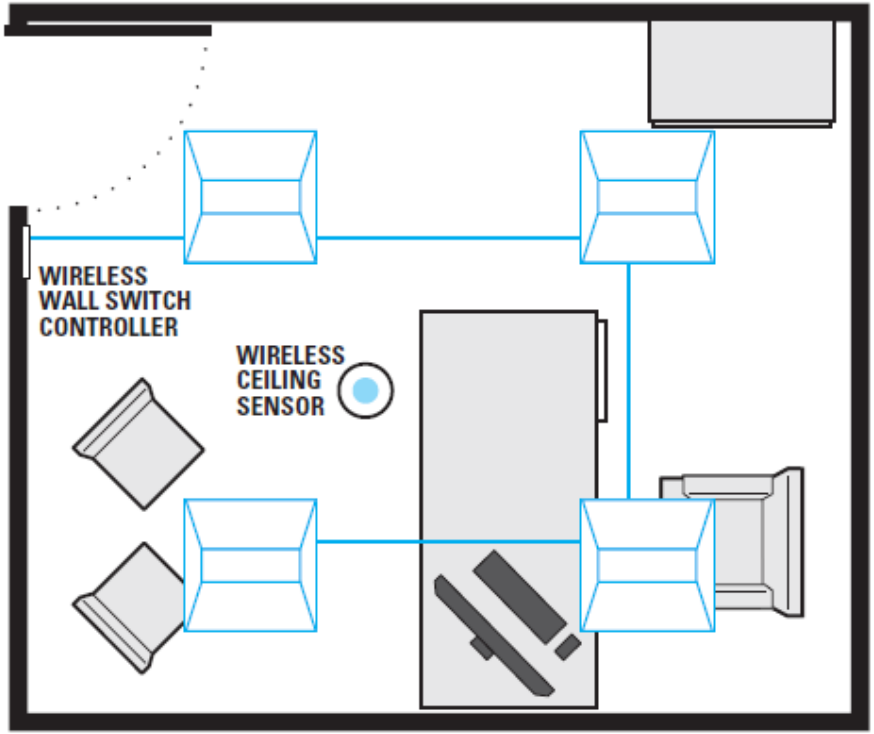
TARGET APPLICATIONS



- Retrofit focused, but new construction capable
- Single room/space control requiring occupancy sensors
- Wall switch retrofit applications without neutral
- Spaces requiring dimming from multiple locations
- Non-networked, labor sensitive applications
- Wired installations with targeted wireless needs

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SENSORWORX WIRELESS FEATURES

- Matches styling of wired SWX sensors & wall stations
- Contractor friendly electrical & mechanical designs
- Robust 915 MHz wireless encrypted communication
- Range: 80’ w/o obstructions, 40’ w/ obstructions
- Simple pairing of devices (~3 secs per device)
- Hybrid wireless/wired architecture flexibility

MADE IN THE USA

BAA COMPLIANT

TAA COMPLIANT

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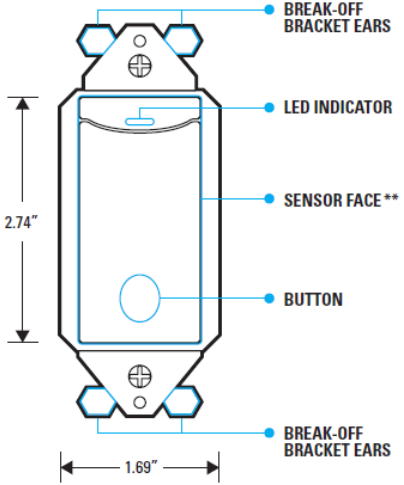
WIRELESS WALL SWITCH LOAD CONTROLLER

PHYSICAL FEATURES

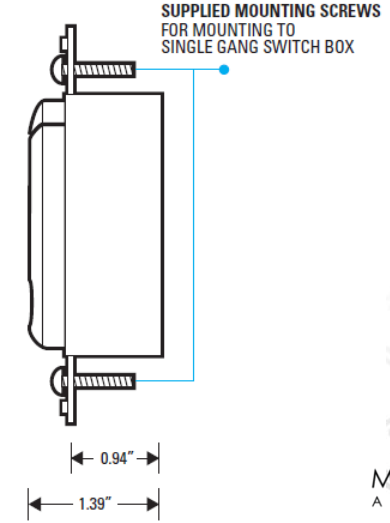
- Modern flat front look and intuitive easy-tap & easy-clean button
- Enclosure is 25%-40% shallower than other wall box devices, (< 1” depth into wallbox)

- Blue locator LED when lights are off
- Settings are adjustable without removing cover plate
- Switch face snaps off to change colors

FRONT VIEW



SIDE VIEW



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WIRELESS POWER PACK LOAD CONTRLLERS

SWX-950 Series

STANDARD VERSION

- 120/277VAC, 20A
- No low voltage wires
- Occupancy/Vacancy operational modes
- Time delays (5 sec. test mode, 30 sec, 5,10,15,30 min.)

DIMMING VERSION

- Adds dimming of 0-10 VDC loads (50 mA)
- Adds Partial On and Partial Off operational modes
- Adjustable turn on levels (Last User Setting, 100%, 50%, Custom)
- Adjustable high/low trim and fade rates

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HYBRID VERSION

- Adds low voltage wires of a standard SWX-900-AX power pack (power, common, sensor input, switch input, relay status)
- Enables wireless/wired hybrid architectures
  - Wireless sensors / wired wall switch
  - Wired sensors / wireless wall switch
  - Wired sensors and switch, wireless 2nd switch/dimmer
  - Combination wireless/wired sensors
- Same switching load ratings as standard version

HYBRID DIMMING VERSION

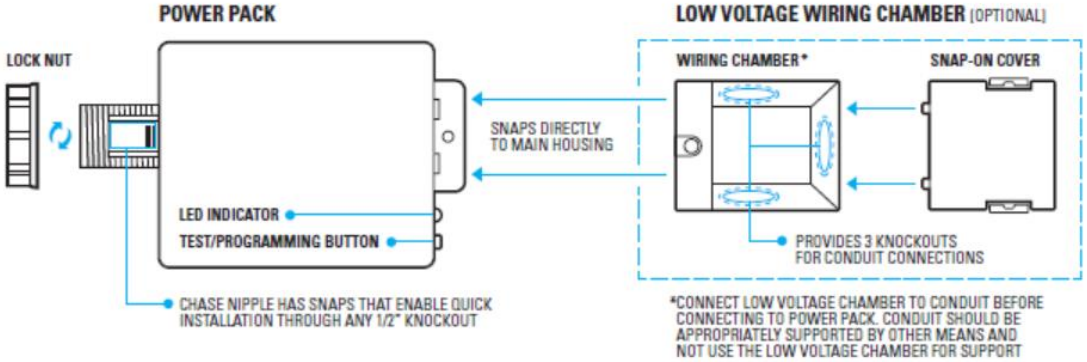
- Adds dimming 0-10 VDC loads (50 mA) to Hybrid version
- Adds Partial On and Partial Off operational modes
- Adjustable turn on levels (Last User Setting, 100%, 50%, Custom)
- Adjustable high/low trim and fade rates

WIRELESS POWER PACK LOAD CONTROLLER

SWX-950 Series

CONTRACTOR FRIENDLY FEATURES

- Quick mount chase nipple with snaps
- Simple push-and-hold button pairing in < 3 seconds
- Test/Programming Button – press once to toggle relay
- LED indicator blinks status heartbeat
- Optional accessory low voltage wiring chamber “doghouse”



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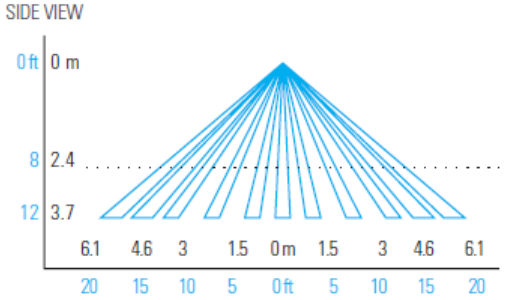
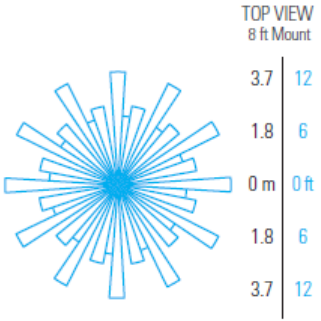
WIRELESS CEILING MOUNT SENSOR

SWX-201-B Series

FEATURES

- PIR detection with small motion 360º lens
- Simple push-and-hold button pairing in < 3 seconds
- Battery powered
- Includes quick mount chase nipple
- 8-12 ft mounting height recommended, ~500 ft^2 coverage





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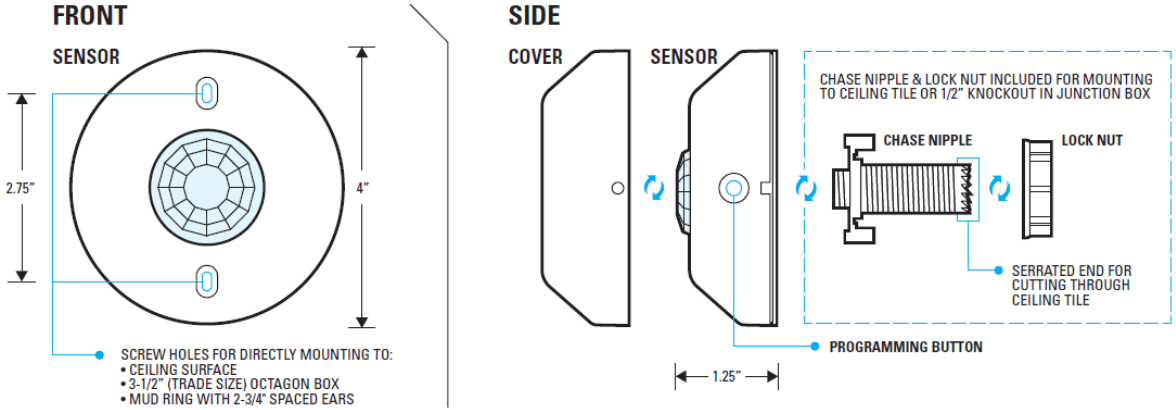
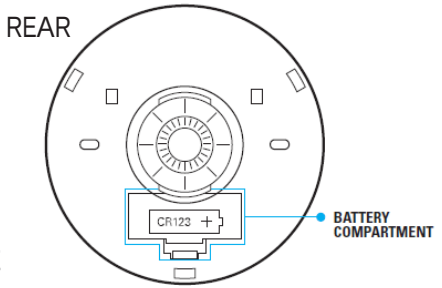
INSTALLATION



BATTERY INFORMATION

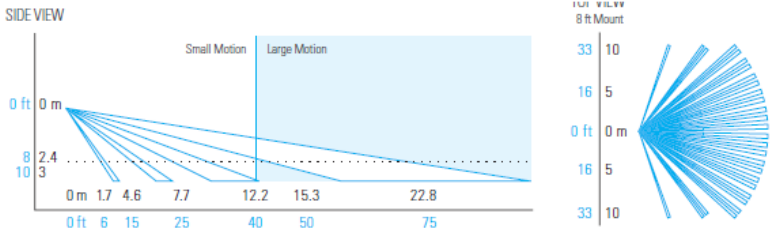
- The sensor runs on one CR123 Lithium Battery (included)
- Designed for 10-year battery life
- At 10% battery life, all wirelessly linked load controllers will blink lights on/off/on upon initial occupancy as a replacement warning



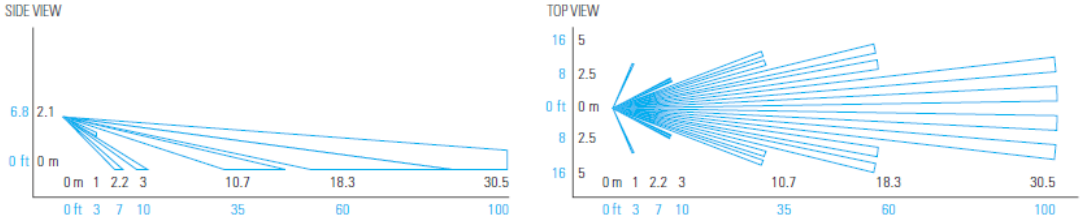
WIRELESS WIDE VIEW & HALLWAY SENSOR

SWX-40x-B Series

WIDEVIEW



HALLWAY



FEATURES

- Wide View lens delivers excellent small motion detection
- Hallway lens senses walking motion up to 100 ft
- Battery powered
- Simple push-and-hold button pairing in < 3 seconds
- Three position mounting
- Five mounting methods

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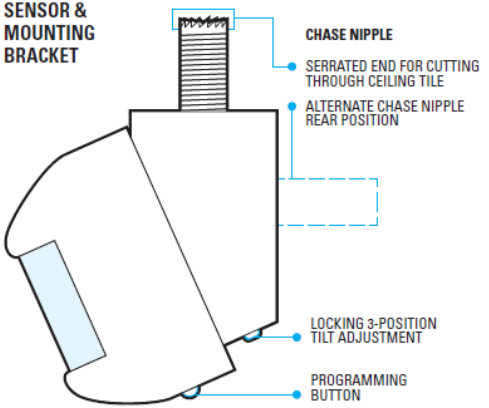
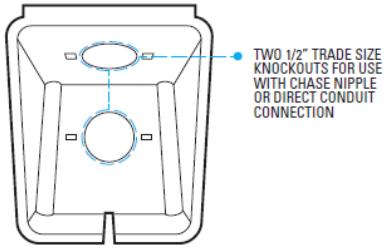
INSTALLATION OPTIONS

SENSOR & MOUNTING BRACKET



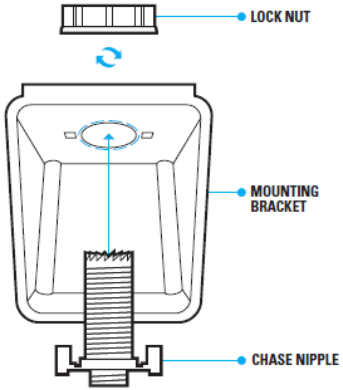
MOUNTING WITH CHASE NIPPLE

RECOMMENDED

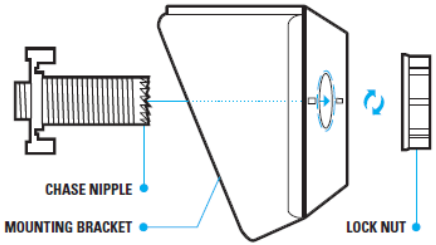


CHASE NIPPLE & LOCK NUT INCLUDED FOR MOUNTING TO CEILING TILE OR 1/2" KNOCKOUT IN JUNCTION BOX

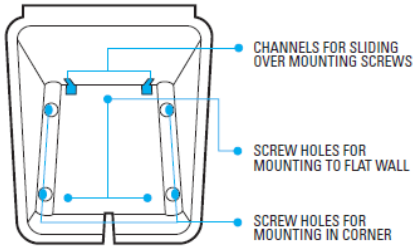
TOP INSTALLATION



REAR INSTALLATION



ADDITIONAL MOUNTING METHODS



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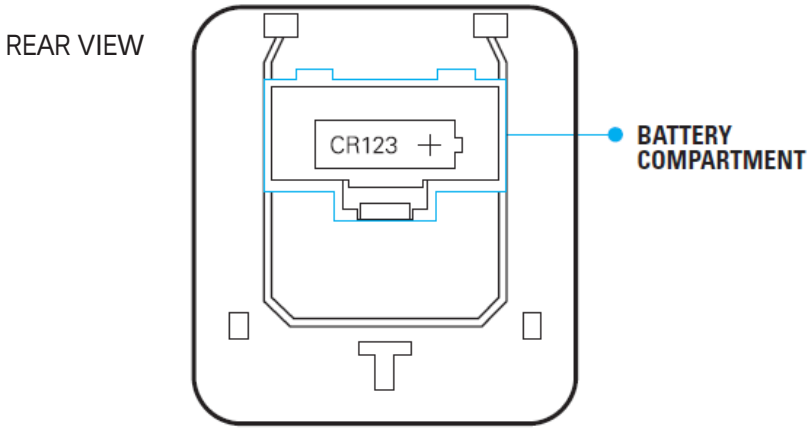
BATTERY INFORMATION

- The sensor runs on one CR123 Lithium Battery (included)
- Designed for 10-year battery life
- At 10% battery life, all wirelessly linked load controllers will blink lights on/off/on upon initial occupancy as a replacement warning



WIRELESS REMOTE WALL SWITCH & DIMMER

SWX-854 & 852 Series

Switch & Dimmer
(SWX-854)

Switch
(SWX-852)

FEATURES

- Dimming or switching from multiple locations
- Matches styling
- Intuitive easy-tap & easy-clean buttons
- Simple push-button pairing in < 3 seconds
- Battery powered
- Switch face snaps off to change colors

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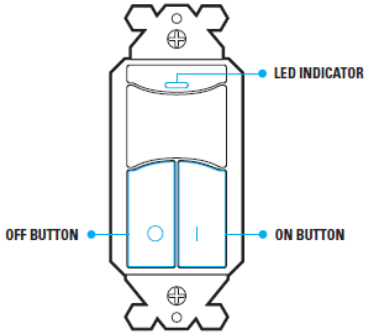
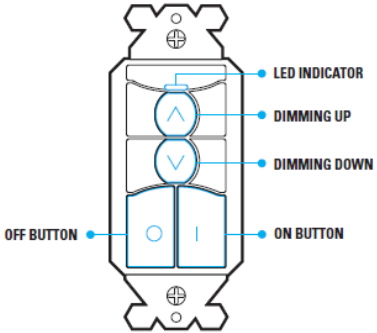
WIRELESS REMOTE WALL SWITCH & DIMMER

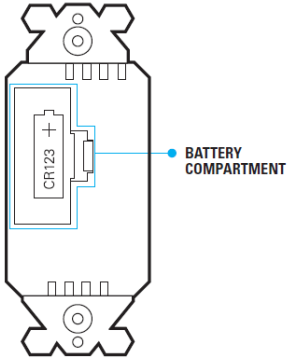
TOP VIEWS

SWX-852



SWX-854





BATTERY INFORMATION

- The sensor runs on one CR123 Lithium Battery (included)
- Designed for 10-year battery life
- At 10% battery life, the LED will rapidly blink blue after every button press

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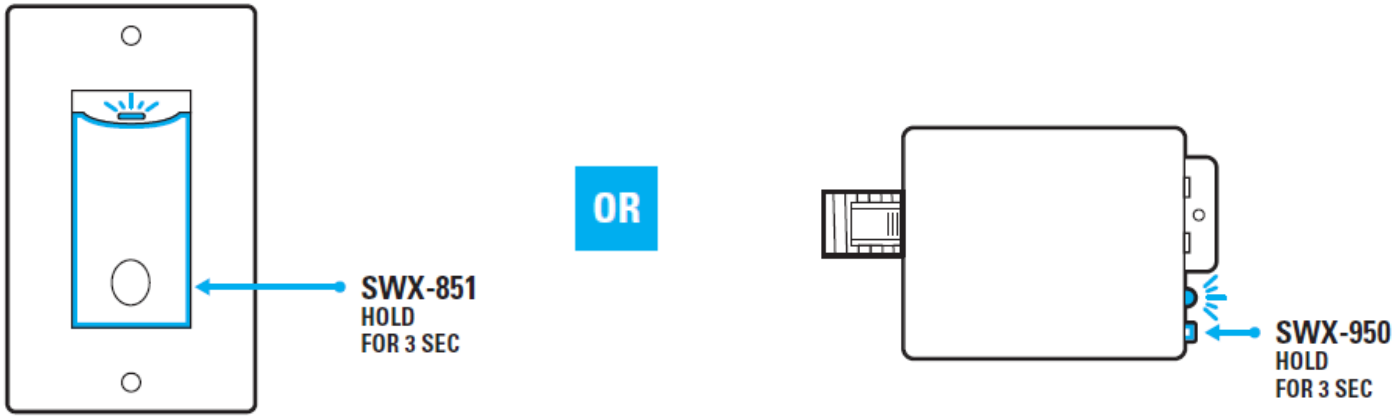
WIRELESS LINKING (PAIRING)

Linking a wireless power pack to a wireless sensor or remote wall station is quickly done via the following procedure:

STEP 1.

Enter pairing mode by holding down the power pack's button for 3 seconds until the LED starts alternating blue and white, then release.



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WIRELESS LINKING (PAIRING)

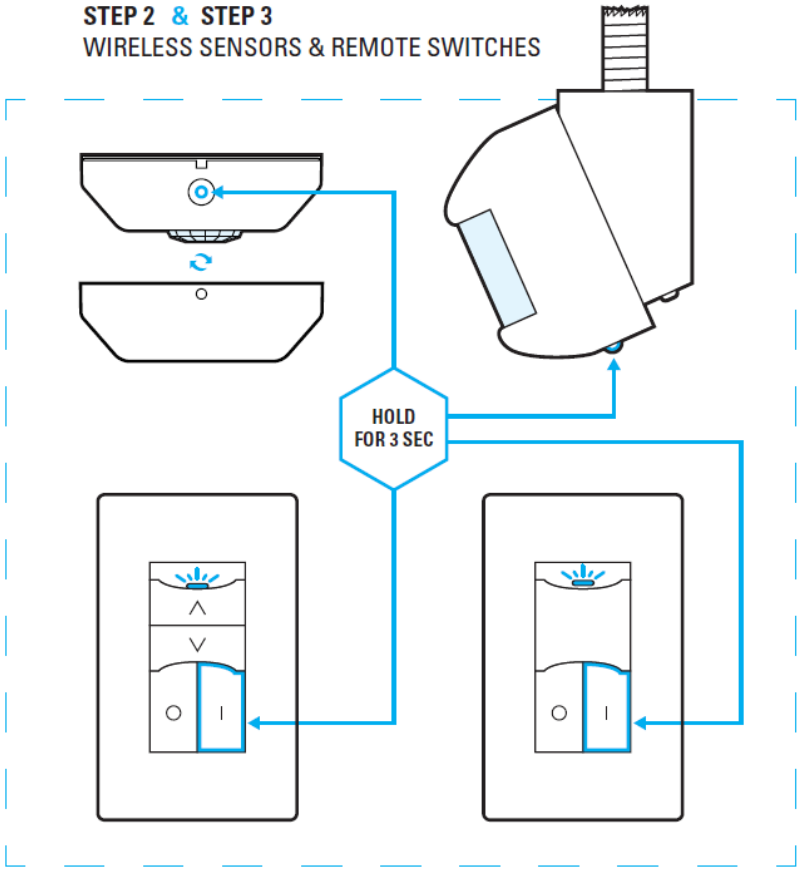
STEP 2 .

At the sensor or remote wall station, hold down the programming button for 3 seconds until the LED starts alternating blue and white.

Releasing will link the sensor with any wireless power packs in pairing mode.

STEP 3.

Repeat step 2 to link another sensor or device.



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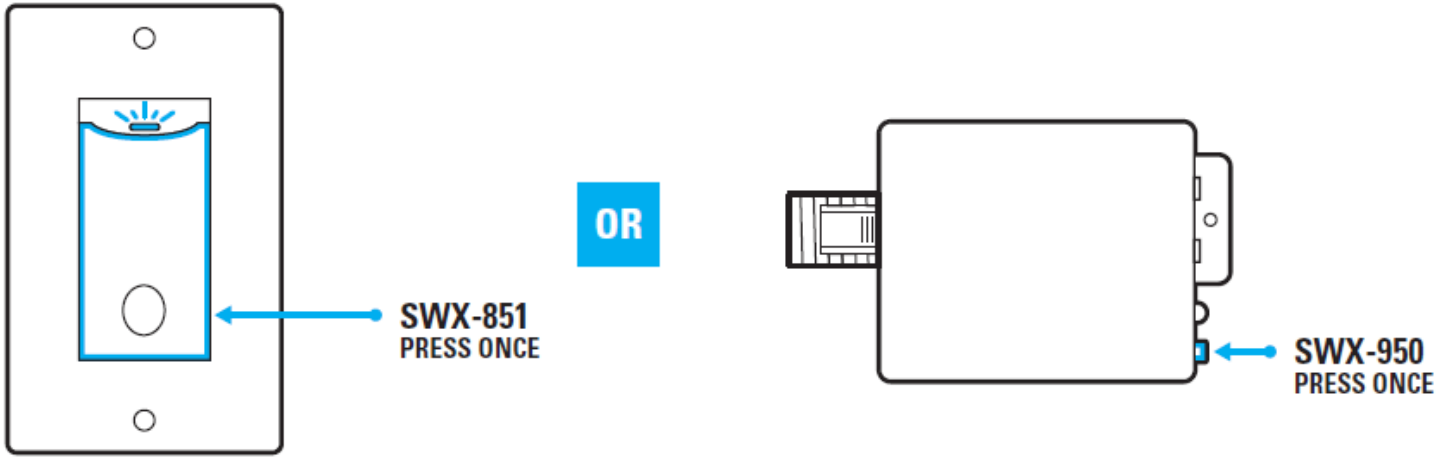
WIRELESS LINKING (PAIRING)

STEP 4.

When all devices have been linked, exit pairing mode on the power pack by pressing the button 1 time. Pairing will be automatically closed after 15 minutes of no new devices being linked.



WIRELESS DEMO KIT

COMING SOON!

- Plug in sample kit
- 2 working dimmable lights
- One sample of each new wireless product:
  - Wall Switch Load Controller
  - Dimming Power Pack
  - Ceiling Sensor
  - Wideview Sensor
  - Remote Dimmer Switch

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WHAT'S NEXT?

- Wireless Photocell
- Wireless Dual Tech Sensor
- Wireless Dimming Fixture Module
- Line Powered Wireless Sensors
- Line Powered Dimmer (neutral required)

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THANK YOU!

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