# NX LIGHTING CONTROLS

# NXSW2-W AC Wireless Series
## SPECIALTY WALL STATIONS

## FEATURES

- Simple AC powered wireless connection to NX System
- Device configuration through NX Lighting Controls Mobile App and NX Site Manager
- Clean, unobtrusive & enduring design
- Gang-able with other decorator type devices
- Digitally addressable
- Colors supported through switch specific Color Packs
- Fire-year limited warranty

*cULus LISTED    FC*

*\* White standard, other colors are supported through field installable Color Packs*

## SPECIFICATIONS

### CONSTRUCTION
- Housing: Rugged, injection molded plastic, Polylac FR-ABS, (UL-94 5VA) flame class rating
- Color: Switch available in white, standard
- Black, Gray, Ivory, Light Almond, Red Supported through field installable Color Packs
- Weight - 4.8oz (136g)
- Housing Dimensions - 4.12" L (104.65mm) x 1.86" W (47.24mm) x 1.72" D (43.4mm)

### MOUNTING
- Single-gang NEMA-style switch box (standard switch box - max mounting height: 48")
- Multi-Gang Supported via standard NEMA-style electrical box
- Decorator-style wall plate sold separately

### ELECTRICAL INPUT
- Input Voltage: 120/277V AC
- Power Consumption: 34mA
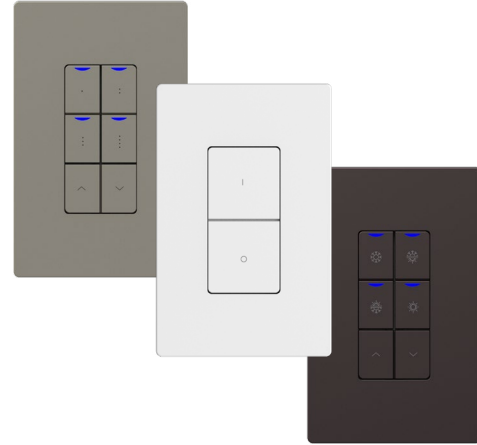
### PROGRAMMING INTERFACE
- NX Lighting Controls Mobile App
- NX Site Manager (NXAC2) for Network applications

### OPERATING ENVIRONMENT
- Rated for Indoor Use Only
- Operating temperature: 32° to 104°F (0° to 40° C)
- Relative humidity (non-condensing): 0 to 95%
- 2.4GHz IEEE 802.15.4 based

### CERTIFICATIONS
- cULus Listed
- Complies with FCC Part 15
- **WARRANTY**
- 5 year limited
- See website for additional information

## ORDERING GUIDE

**Example:** NXSW2-WORLO-WH

CATALOG #

| NXSW2 | | | WH | |
|---|---|---|---|---|
| **Model** | | **Switch Type** | | **Color** |
| NXSW2 | NX Specialty Wall Station | WOO | On/Off | WH | White |
| | | WORLO | On/Raise/Lower/Off | | |
| | | WSS | Scene Switch | | |
| | | WCCT | Color Control Switch | | |

## COLOR PACK ORDERING GUIDE

**Example:** NXSW2–CPORLO–BK

CATALOG #

| NXSW2 | | | | |
|---|---|---|---|---|
| **Model** | | **Switch Type** | | **Color** |
| NXSW2 | | CPOO | On/Off Color Pack | BK | Black |
| | | CPORLO | On/Off/Raise/Lower Color Pack | GY | Gray |
| | | | | IV | Ivory |
| | | CPSS | Scene Switch Color Pack | LA | Light Almond |
| | | CPCCT | Color Corrective Temp Color Pack | RD | Red |
| | | | | WH* | White |

*\* NXSW2-W default is white. White Color Pack available to order as replacement.*
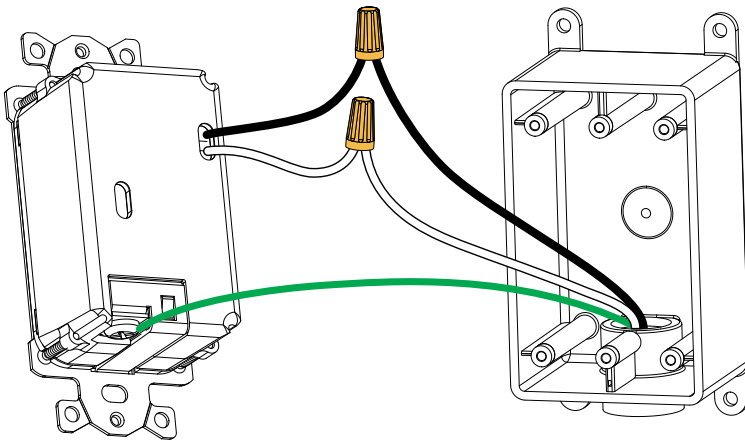
# NXSW2-W AC Wireless Series

SPECIALTY WALL STATIONS

## DIMENSIONS
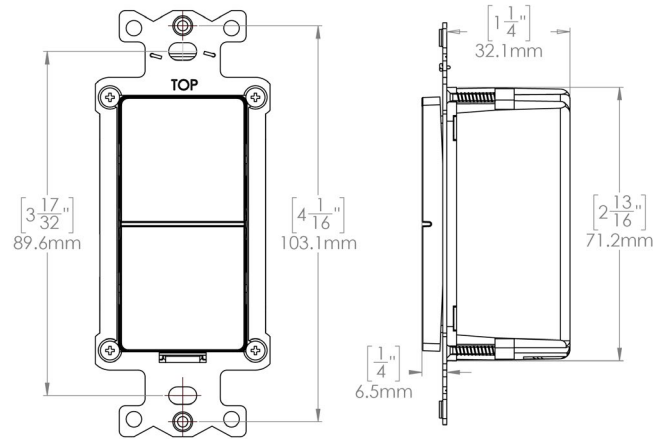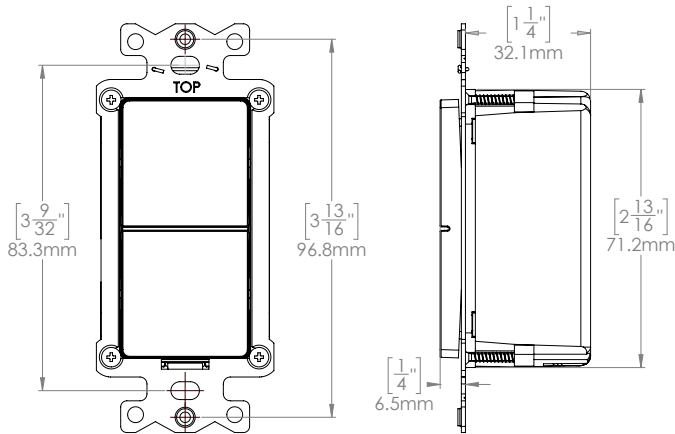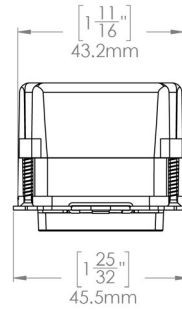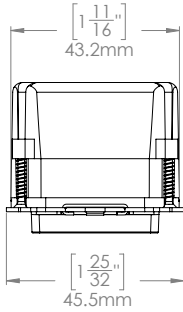


**US Version**
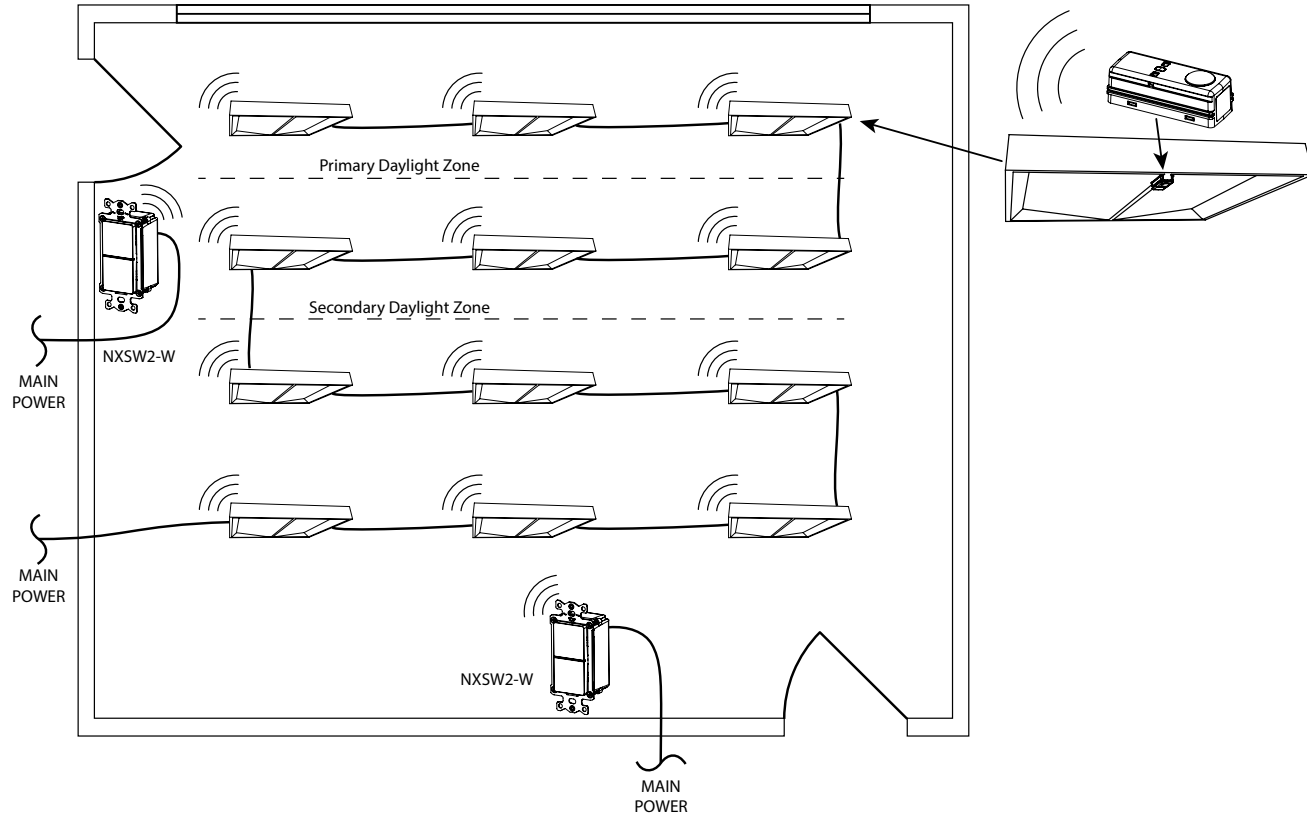(120-277V)

**Canada Version**
(347V)

## WIRING DIAGRAM



Field installed earthing conductor shall be equivalent or larger than the supply leads, 16 AWG minimum.

# NXSW2-W AC Wireless Series
## SPECIALTY WALL STATIONS

## ADDITIONAL INFORMATION

### WIRING DIAGRAM



### Model Descriptions

| MODEL | MODEL | MODEL | MODEL |
|---|---|---|---|
| **NXSW2-WORLO** | | ON/Raise/Lower/OFF | Default configuration is to control all 16 groups. Use Manual Configuration or the App to limit the controlled groups. The ON button sends group ON to full dimming level. It can be configured to send a dimming level other than full. The OFF button sends group OFF to minimum dimming level. It can be configured to send a dimming level other than minimum. |
| **NXSW2-WSS** | | Scene Switch | Default configuration is to control all relays and dimmers in the connected room or area. The four preset buttons are factory set from 1 to 4 at 100%, 75%, 50%, and 25% dimming level with a 5 second fade time. All these settings can be changed using the App. The raise/lower buttons will increase or decrease the light level of all dimmed loads that are in the ON state. A single firm press and release of the lower button will turn off all lights controlled by the switch. |
| **NXSW2-WOO** | | ON/OFF Switch | Default configuration is to control relays and dimmers in all 16 groups. The ON button sends group ON to full level and the OFF button sends group OFF to minimum light level. Relay control is optional. These buttons cannot be configured for any other operation. Use Manual Configuration or the App to limit the number of groups controlled. |
| **NXSW2-WCCT** | | Color Control Switch | Default configuration is to control all relays and dimmers in the connected room or area. The four preset buttons are factory set from left to right at 6500K, 5200K, 4000K, and 2700K color temp level with a 5 second fade time. All these settings can be changed using the App. The raise/lower buttons will increase or decrease the color temp level of all dimmed loads that are in the ON state. |

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SPECIALTY WALL STATIONS

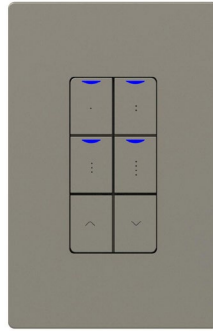## ADDITIONAL INFORMATION (CONTINUED)

### COLOR OPTIONS

White provided standard. Black, Gray, Ivory, Light Almond, Red Supported through field installable Color Packs
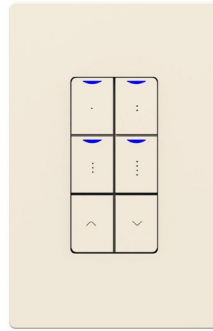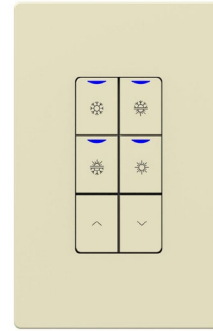


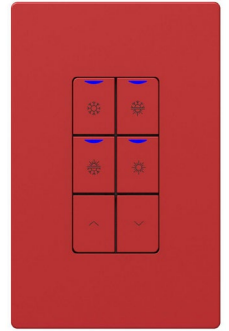NXSW2-WORLO-WH

NXSW2-WORLO-WH
NXSW2-CPORLO-BK

NXSW2-WSS-WH
NXSW2--CPSS-GY

NXSW2-WSS-WH
NXSW2--CPSS-IV

NXSW2-WCCT-WH
NXSW2--CPCCT-LA

NXSW2-WCCT-WH
NXSW2--CPCCT-RD

Wall Plates not included

NX_NXSW2-W_SpecialitySwitch_SpecSheet_R03