

## OVERVIEW

The nPODMA Series WallPods are single gang nLight-enabled decorator wall switches that enable toggle/raise/lower/scene control of lighting zones. Equipped with soft-click push-buttons, and a green LED indicator for each button, these devices allow field replaceable and custom engraved button options. nPODMA WallPods communicate with other nLight devices, via CAT-5e cable, through RJ-45 connectors and can be daisy-chained to work with nLight power packs and/or nLight-enabled fixtures to provide switch control operations.

The scene control option presents a convenient method of selecting a custom lighting control scene for spaces in which installed, or requesting a global profile scene be run across several remote zones. By default, scene control wall switches are configured as on/off toggle switches and are to be customized programmatically through the SensorView software.

\*In order to utilize a blink warning, system gateway and additional programming is required.

## FEATURES

- Communicates with nLight network
- Remotely configurable/upgradeable
- Soft-click push-button control
- Sets lights to one of two or four preset levels with single button push (nPODMA xL versions only)
- Scene controllers run locally stored scenes or global scenes (stored on gateway)
  - Capable of Programming 4 Different Scene Types
    - Local "Profile" Scene – Modifies the operational configuration of up to 80 devices in the local zone. Stopping scene will revert devices to default settings.
    - Local "Preset" Scene – Modifies on/off/dim levels for up to 16 local switch groups. Exit scene through additional "preset" scene or WallPod control.
    - Global "Profile" Scene – Modifies the operational configuration of any devices on the system. Stopping scene will revert devices to default settings. Scene is stored on the system Gateway.
    - Global "Preset" Scene – Modifies on/off/dim levels for up to 128 global switch groups. Exit scene through additional "preset" scene or WallPod control.
- Easy-to-install screwless wall plate design offers a clean, uninterrupted aesthetic for a more refined look in the space.
- A full range of color options provides a variety of choices for your building designs with the assurance that the housing and the wall plate match.
- 1, 2, or 4 channel on/off
- 1, 2, or 4 channel raise/lower
- "Dynamic" options for custom button names when pairing with Acuity Brands nTUNE fixtures

## CUSTOM BUTTON ENGRAVING

- Standard Button labeling is shown on back
- Custom lettering for units can be specified and ordered at: [nGrave Form](#)
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons not recommended
- Buttons may ship separately and require field installations



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).

\*See ordering tree for details



**nPODMA**  
Wallpod: On/Off & On/  
Off+Raise/Lower



## Government Procurement

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

## Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



## ORDERING INFORMATION

nPODMA										Example: nPODMA DX WH									
Series		Poles & Scenes		Dimming Control		Dynamic		Color		Temp/Humidity		Buy America(n) <sup>67</sup>							
nPODMA		[blank] None		[blank] Standard		[blank] Standard		WH White		[blank] Normal		[blank] Standard							
	2P	Two channels		DX On/off + raise/lower control		CCT <sup>3</sup> Correlated color temperature		IV Ivory		LT Low temp		BAA Buy America(n)							
	4P	Four channels						GY Gray				Act and/or							
	2L <sup>1</sup>	Two levels				GRSC <sup>5</sup> Grayscale		AL Lt Almond				Build America							
	2L AB <sup>1</sup>	High/low step control				COLOR <sup>5</sup> Color control		BK Black				Buy America							
	4L <sup>2</sup>	Four levels with raise/lower				EDUTW <sup>4</sup> Tuneable White		RD Red				Qualified							
	1SB <sup>1</sup>	1 Scene control (2 buttons)																	
	2S	2 Scene control (2 buttons)																	
	2SB <sup>1</sup>	2 Scene control (4 buttons)																	
	4S	4 Scene control (4 buttons)																	
	4SB <sup>1</sup>	4 Scene control (8 buttons)																	

ACCESSORIES											
Series		# of Gangs		Mounting		Color			Packaging		
WS xPODA	Wall Plates (Standard)	1 GNG	Single Gang	[blank]	Standard	WH	White	BK <sup>9</sup>	Black	[blank]	Single Unit <sup>11</sup>
						IV	Ivory	RD	Red	M5 <sup>9</sup>	5 Pack
SSW <sup>10</sup>	Sealed Cover					GY <sup>9</sup>	Gray	VP <sup>9</sup>	Variety Pack	M6 <sup>8,9</sup>	6 Pack
						AL <sup>9</sup>	Lt Almond				

### Notes

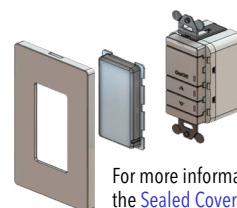
1. Not available with DX option.
2. Only available with DX option.
3. Only available with 2P DX version.
4. Only available with 4S and 4S DX versions.
5. Only available with 2P DX and 4S DX versions.
6. Only available in WH, IV, or GY.
7. Not available with LT option.
8. Only available for Variety Packs.
9. Not available for SSW Series.
10. Ships with custom screwless wall plate.
11. Single units only available with SSW series.

All nPODMA switches are shipped with wall plates and mounting flanges (WS XPODA), and mounting flanges (WS XPODA), however, the following order information is available to acquire replacement wall plates. Also compatible with the [WALLP](#) Series.

## WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All nPODMA switches may be wiped down with a soft cloth or paper towel dampened with glass cleaner, vinegar and water, hydrogen peroxide, or a mild abrasive. Spray a limited amount on the cloth or paper towel prior to applying. Do not spray cleaner on the switches directly, and do not wipe the switches down with a towel saturated (drips when wrung out) with cleaner.

If the ability to clean the switches using chemical spray disinfectants is desired, we recommend the use of the Sealed Screwless Wall Plate (SSW). The Sealed Screwless Wall Plate is a cover for the standard wall plate, designed with an IP54 rating. It consists of a transparent silicone rubber layer that covers the wall switch to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to help protect a wall switch from fluid entering the device while enabling the use of disinfectants recommended by the EPA for use against SARS-CoV-2, the coronavirus that causes COVID-19, which often require spraying or saturating the surface.

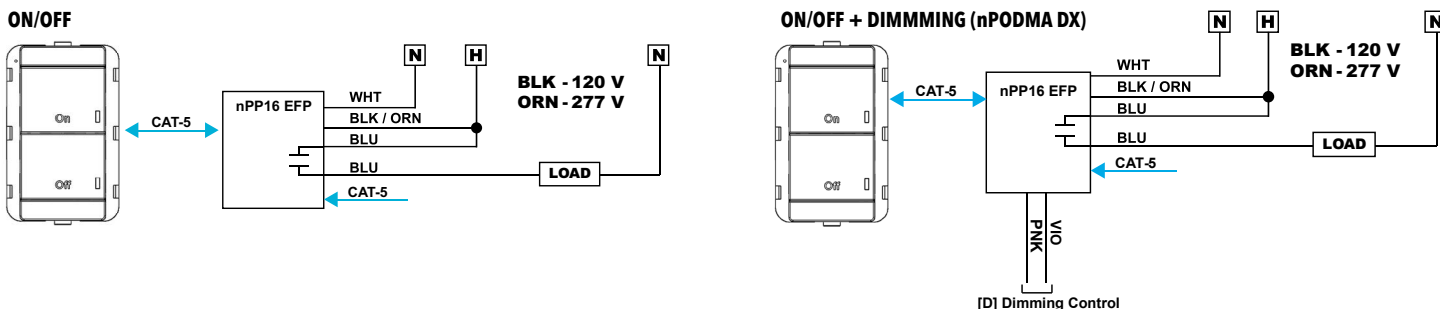


For more information on the [Sealed Covers](#)

## WIRING

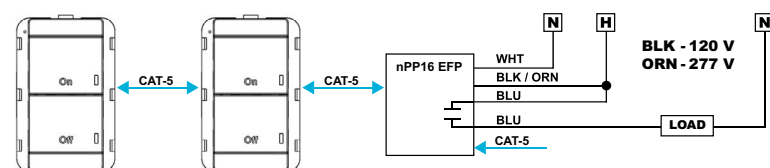
### TYPICAL WIRING

Power to WallPod device is provided via the CAT-5e connection to an nLight enabled fixture, nLight power pack (e.g. **nPP16**), power supply (nPS80), or Bridge (nBRG 8).

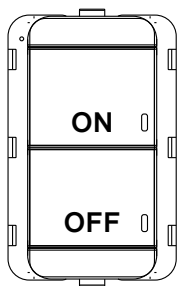


### 3-WAY CONFIGURATION WIRING

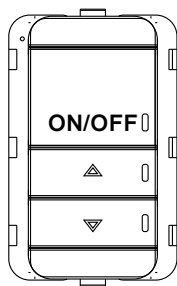
WallPods and/or nLight wall switch sensors can be configured together to create zones with multiple switching locations.



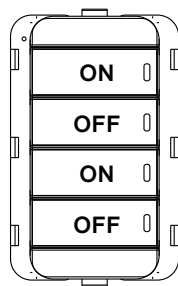
## DEFAULT LABELING



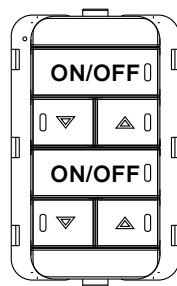
nPODMA



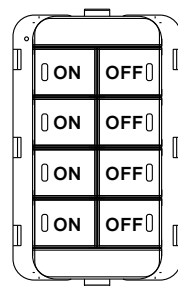
nPODMA DX



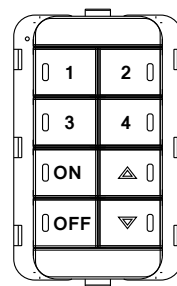
nPODMA 2P



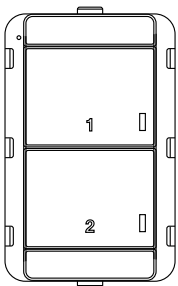
nPODMA 2P DX



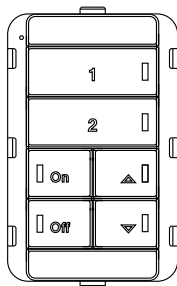
nPODMA 4P



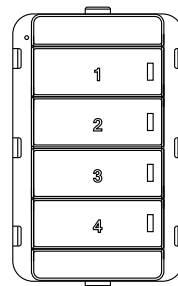
nPODMA 4P DX



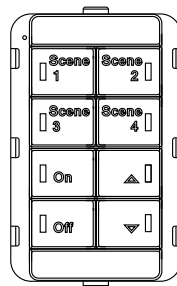
nPODMA 2S



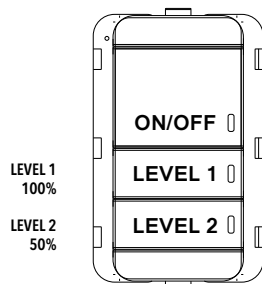
nPODMA 2S DX



nPODMA 4S

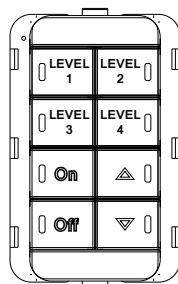


nPODMA 4S DX



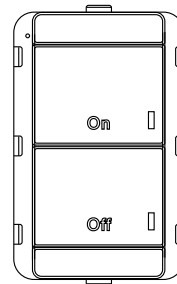
nPODMA 2L

LEVEL 1  
100%  
LEVEL 3  
50%

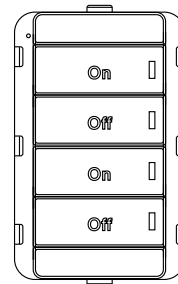


nPODMA 4L DX

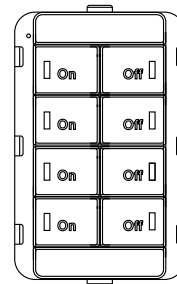
LEVEL 2  
75%  
LEVEL 4  
25%



nPODMA 1SB

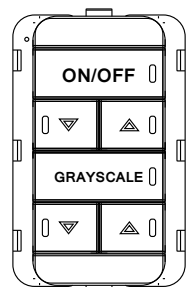


nPODMA 2SB

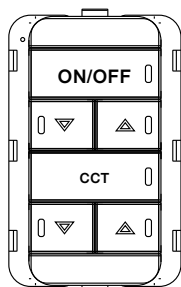


nPODMA 4SB

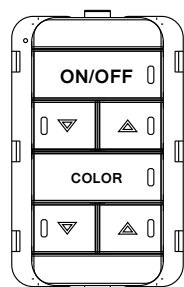
Dynamic wallpods below are paired with Acuity Brands nTUNE fixtures for out-of-box operation. Reference fixture cut sheets for additional details.



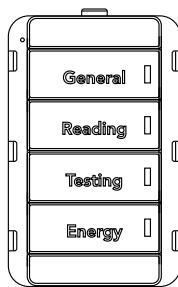
nPODMA 2P DX GRSC



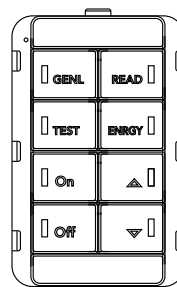
nPODMA 2P DX CCT



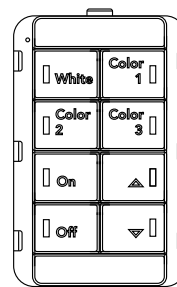
nPODMA 2P DX COLOR



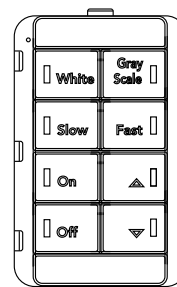
nPODMA 4S EDUTW



nPODMA 4S DX EDUTW



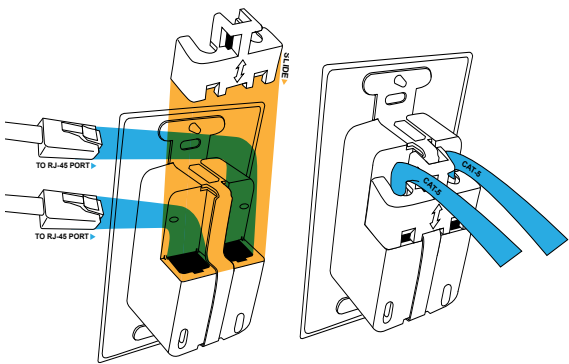
nPODMA 4S DX COLOR



nPODMA 4S DX GRSC

INSTALLATION

- Ensure CAT-5e cable(s) are effectively fed through the gang box
  - Push the CAT5e cables through the back of the gang box
- Remove the wall plate from the device by pulling the sides out to expand the wall plate and release it from the mounting flanges.
- Access RJ-45 port(s) on the WallPod by sliding the plastic guard up
- Insert the CAT-5e cable(s) to the RJ-45 port(s)
- Slide the guard back onto metal strap
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
  - To ensure correct wall plate installation, drive the screws until the mounting flanges contact the wall surface. If the screws are overdriven, the mounting flanges will disengage, preventing wall plate installation. If this happens, reattach the mounting flange(s) and install to correct position. (The flanges may be reattached by inserting the two tabs in the side of the unit and pushing the part inward to engage the three snaps.)
- Reattach the wall plate
  - Expand the wall plate horizontally
  - Place the wall plate onto the unit
  - Contract the horizontally expanded wall plate onto the unit such that the side flange features seat inside the wall plate



**Attention! Only use non-booted CAT5e cables.**

PROGRAMMING

- Refer to instruction card IN-11.3 for directions on programming the switch via the upper-most left push-button. All buttons are factory set to the matching switch channel (button 1 - channel 1, button 2 - channel 2, etc). For nPODMA 4P DX, channels to be controlled are selected first, then the control button (on/off or raise/lower).
- For 2L and 4L variants, the preset dim level of a button can be changed by first adjusting the light level with either the unit's raise/lower buttons (nPODM 4L DX) or via another raise/lower WallPod broadcasting on the same switch channel (necessary with a nPODM 2L). Once lights are at desired level, hold a LEVEL button for 8 seconds until the LED flashes. Levels can also be set via SensorView.

SPECIFICATIONS

Electrical	Input Ratings	15-24VDC, 5mA, Class 2 (nLight network power)
	Standards/Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	Dimensions	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box or Low Voltage Ring
	Connection Type	RJ-45 nLight Network Ports (2)
Environmental	Warrantied Operating Temperature	32°F to 140°F (0°C to 60°C) LT Option: -4°F to 140°F (-20°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS
	Security	Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)