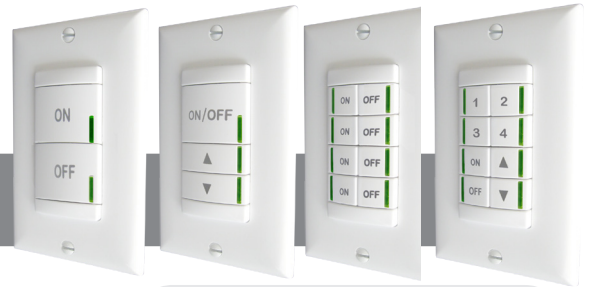




nPODM

WALLPOD: ON/OFF & ON/OFF+RAISE/LOWER PUSH-BUTTON • LOW VOLTAGE



SPECIFICATIONS

FEATURES

- Communicates w/ nLight Network
- Remotely Configurable/Upgradeable
- Soft-click Push-button Control
- Custom Button Engraving at No Charge
- 1, 2, or 4 Channel On/Off
- 1, 2, or 4 Channel Raise/Lower
- Optional 0-10VDC Dimming Output

PHYSICAL SPECS

- SIZE: (not including ground strap)
2.74" H x 1.68" W x 1.63" D
(6.96 cm x 4.27 cm x 4.14 cm)
- WEIGHT: 2 oz
- MOUNTING: Single Gang Switch Box or Low Voltage Ring
- COLOR: White, Ivory, Lt. Almond, Gray, Black, Red
- nLIGHT NETWORK PORTS: 2 RJ-45

ELECTRICAL SPECS

- POWER CONSUMPTION: < 5 mA
- DIMMING LOAD: Sinks < 20mA; ~40 Ballasts @ .5mA each
- WIRES: None (except w/ -D option)

ENVIRONMENTAL SPECS

- OPERATING TEMP:
14° to 160° F (-10° to 71° C)
- RELATIVE HUMIDITY:
20 to 90% non-condensing
- SILICONE FREE
- ROHS COMPLIANT

OTHER

- UL and CUL Listed
- 5 Year Warranty
- Assembled in the U.S.A.

OVERVIEW

The nPODM Series WallPods are nLight-enabled toggle and/or raise/lower switches that provide a user with local control of a lighting zone. These single gang decorator style devices have soft-click buttons and have a green LED indicator for each button. WallPods communicate with other nLight devices via a CAT-5e cable that connects to one of its two RJ-45 connectors. A basic low voltage WallPod can work with an nLight power pack or line voltage sensor to provide toggle switch operation. WallPods with the **DX** or **D** dimming options have the added ability to adjust the level of any nLight controlled dimmable lighting.

For push-button scene control, see the nPODM **1S/2S/4S** Series WallPods.

nLIGHT OPERATION

These devices are native nLight, meaning they have the ability to communicate over an nLight network. When daisy-chain wired, using CAT-5e cabling, with an nLight-enabled power pack and other WallPods and/or sensors, an independent nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

CONTROL MODES

The default operation of a WallPod is to act as a standard toggle switch or dimmer. Additionally, WallPods can participate in several advanced control modes:

MANUAL TO (TIMED) OVERRIDE ON

This mode requires the occupant to manually turn on the lights. Once on, the lights will remain on for a user selected time period.

MANUAL ON (SEMI-AUTOMATIC)

This mode requires the occupant to manually turn on the lights. Once on, the lights will automatically turn off when a sensor's time delay expires.

MANUAL TO FULLY-AUTOMATIC

In this mode, after the switch is initially pressed and the lights turn on, the zone reverts to Automatic On/Automatic Off behavior.

PREDICTIVE OFF MODE

In this mode, pressing the switch overrides the lights off and temporarily disables the occupancy detection in the sensor. After a short exit time delay, the occupancy detection reactivates and monitors for an additional grace period. If no occupancy is detected, the zone will revert to Automatic On operation. If occupancy is detected, the zone will remain in Permanent Off mode, requiring the switch to be pressed again in order to restore the sensor to Automatic On.

OPTIONS

OF CHANNELS (2P, 4P)

- Specifies number of channels of control for a single unit
- Available as both on/off and on/off + raise/lower types

DIMMING CONTROL (DX, D)

- Enables raise/lower adjustment of an nLight dimming output
- Typically used with a **nIO**, **nSP5 D**, **nSP5 PCD**, **nEPP5 D**, **nPANEL**, or nLight sensor with **ADC** option
- Adds 20 AWG violet and gray output wires (D option only)

COLOR

- White, Ivory, Light Almond, Gray, Black, Red (special order)

LOW TEMP/HIGH HUMIDITY (LT)

- Device electronics are coated for corrosion resistance
- Operates down to -40° F/C

ORDERING INFO:

nPODM [CHANNELS] [CONTROL TYPE] [COLOR] [TEMP/HUMIDITY]

CHANNELS	CONTROL TYPE	COLOR	TEMP/HUMIDITY
Blank = Single Channel 2P = Two Channels 4P = Four Channels	Blank = On/Off Control DX = On/Off + Raise/Lower Ctrl D* = On/Off + Raise/Lower Ctrl w/ Dimming Output	WH = White IV = Ivory AL = Light Almond GY = Gray BK = Black RD = Red (special order)	Blank = Standard LT = Low Temp

*Not available with 2P or 4P versions

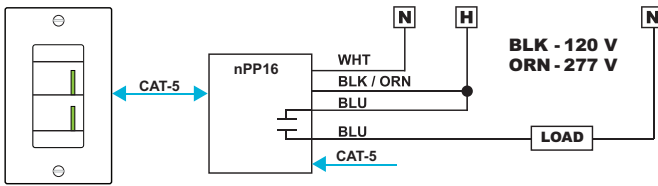
CUSTOM BUTTON ENGRAVING:

- Standard button labeling is shown on back.
- Custom lettering for WH, IV, AL, GY, and BK units can be specified and ordered at no charge at: http://nlightcontrols.com/wp-content/uploads/nGrave_Order_Form.pdf.
- 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 installation.

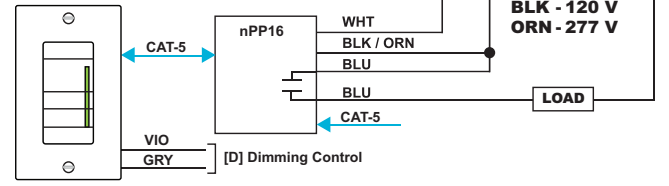
TYPICAL WIRING

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

ON/OFF



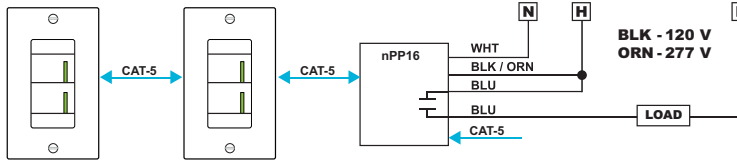
ON/OFF + DIMMING (nPODM D)



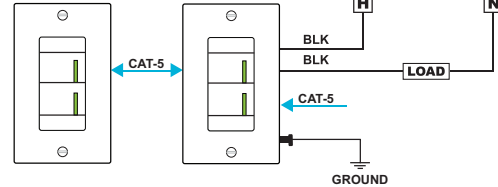
3-WAY CONFIGURATION WIRING

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

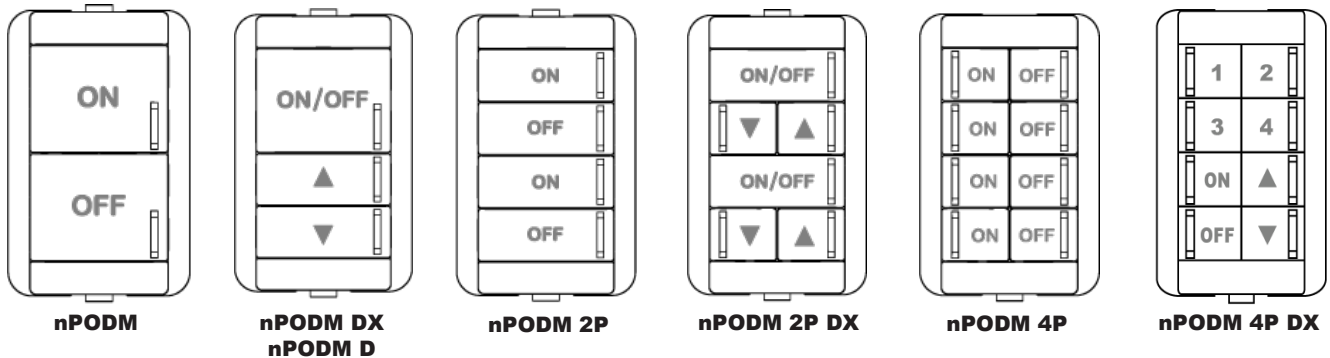
LOW VOLTAGE WALLPODS ONLY



LOW AND LINE VOLTAGE WALLPODS



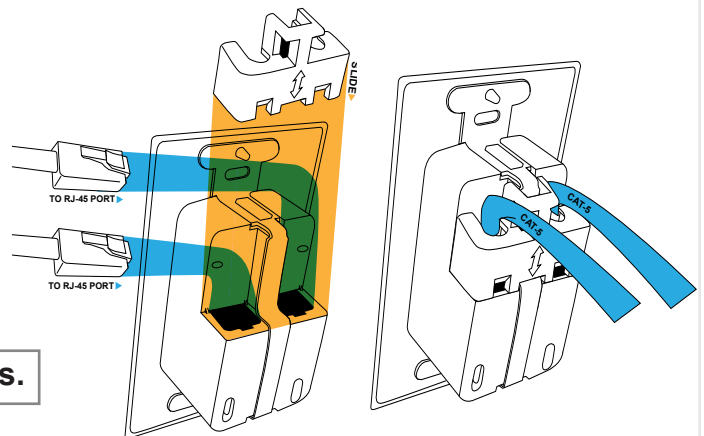
DEFAULT LABELING



Custom lettering for WH, IV, AL, GY, and BK units can be specified and ordered at no charge at: http://nlightcontrols.com/wp-content/uploads/nGrave_Order_Form.pdf.

INSTALLATION

- Mount WallPod using holes that align with standard single gang switch box or low voltage ring
- Access RJ-45 ports by sliding plastic guard up
- Remove rubber plug(s) and insert CAT-5e cable(s), T568B wiring convention recommended
- Slide guard back onto metal strap
- Connect low voltage dimming wires (nPODM D units only)
- Interconnect unit with other nLight devices in lighting zone using CAT-5e cables
- Once power is received via CAT-5e connection, all devices in zone will automatically begin functioning together according to respective device's defaults



Attention! Only use non-booted CAT5e cables.

PROGRAMMING

Refer to instruction card IN-11.3 for directions on programming the sensor 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 nPODM 4P DX, channels to be controlled are selected first, then the control button (on/off or raise/lower).

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WARRANTY: Sensor Switch warrants these products to be free of defects in manufacture and workmanship for a period of 60 months. Sensor Switch, upon prompt notice of such defect, will, at its option, provide a Returned Material Authorization number and repair or replace returned product.

LIMITATIONS AND EXCLUSIONS: This Warranty is in full lieu of all other representation and expressed and implied warranties (including the implied warranties of merchantability and fitness for use) and under no circumstances shall Sensor Switch be liable for any incidental or consequential property damages or losses.

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