nLight® AIR rPODLA:

Wireless Line Powered Wall Switches

OVERVIEW

The nLight® AIR rPODLA is a wireless, line-powered wall switch that provides a user with local control of a lighting zone. These single gang decorator style devices have soft-click buttons and a green LED indicator for each button. The rPODLA wall switches communicate with other nLight AIR devices via radio frequency (RF). A line-powered wall switch can work with any nLight AIR enabled fixture or power pack to provide toggle switch operation with multi-pole and preset scene control. Wall switches with the DX option have the added ability to adjust the level of any nLight AIR controlled dimmable light fixture or on/off/dimimng control of a single zone for preset scene switches.

FEATURES

- Communicates with nLight® AIR devices via radio frequency (RF) in the 900MHz spectrum
- Soft-click push-button control with LED feedback upon press
- Remotely configurable/upgradeable
- Single pole or two pole on/off control with optional raise/lower option ("DX" option)
- 2 or 4 preset scene control fully configurable via CL**AIR**ITY™+ mobile app
- Maximum of 4 total preset scenes per nLight AIR group
- Wireless multi location preset scene recall and on/off/dimming control

CUSTOM BUTTON ENGRAVING

- 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 is not recommended
- Custom buttons will ship separately and require field installation

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

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

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.
All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about Acuity A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

design select

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.
*See ordering tree for details

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Note: nLight® AIR devices are only compatible with other nLight AIR enabled devices and are not cross compatible with other nLight product lines at this time.

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Design Select options indicated by this color background.

ORDERING INFORMATION

rPODLA					Example: RPODLA 2P DX MVOLT WH G2
Series	**Poles & Scenes**	**Dimming Control**	**Voltage**	**Color**	**Generation**
RPODLA	[blank] Single Pole 2P Two Pole 2S Two Preset Scene Control 4S Four Preset Scene Control	[blank] On/off Control DX On/off + Raise/Lower Control	MVOLT 120-277 VAC 347 347 VAC	WH White IV Ivory AL Light Almond GY Gray RD Red BK Black	G2 Generation 2 Compatibility

ORDERING INFORMATION

All rPODLA switches are shipped with wall plates, however, the following order information is available to acquire replacement wall plates.

Wall Plate - Additional or Replacement					
Series	**# of Gangs**	**Color**			**Packaging**
WS XPODA Wall Plates (Standard) SSW Sealed Covers	1 GNG Single Gang	WH White IV Ivory GY [2] Gray	AL [2] Light Almond BK [2] Black RD Red	VP [2] Variety Pack	[blank] Single Unit [3] M5 [2] 5 Pack M6 [1,2] 6 Pack

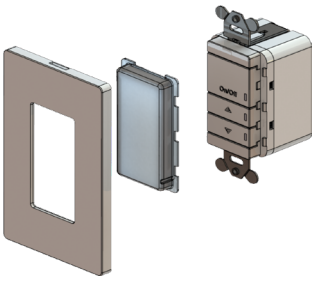
Accessories	
SSW 1GNG WH	Sealed screwless wall plate to prevent liquid intrusion, white
SSW 1GNG IV	Sealed screwless wall plate to prevent liquid intrusion, ivory
SSW 1GNG RD	Sealed screwless wall plate to prevent liquid intrusion, red

1. Available only for variety pack.
2. Not available for SSW series
3. Single units only available for SSW series

WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All rPODLA 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 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 Screwless Wall Plates

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SPECIFICATIONS

Dimensions	2.74" H x 1.68" W x 1.78" D (6.96 cm x 4.27 cm x 4.52 cm)
Weight	4.25 oz
Mounting	Single Gang Switch Box or Low Voltage Ring
Color	White, Ivory, Lt. Almond, Gray, Red, Black
Operating Temperature	0°C to 60°C (indoor use only)
Relative Humidity	Standard: 20 to 75% non-condensing
Input Power	< 1 watt
Radio Frequency	Dual Radio: 900Mhz & 2.4GHz
RF Transmit Power	900Mhz: +20dBm; 2.4GHz: Variable
Wireless Standard	900MHz: IEEE 802.15.4-based 2.4GHz: Version 4.0+ of the Bluetooth specification
Wireless Range	900MHz: Up to 1,000 ft. (~304m) in free space/ line of sight Minimum of 150 ft through typical construction 2.4GHz: Up to 60 ft. (~18m) in free space/ line of sight
Security	Application Data Encryption: AES-128 bit Mutual Entity Authentication Message Confidentiality Message Authentication and Replay Prevention Limited Anonymity
Regulatory Compliance	FCC ID: 2ADCB-RMODIT3 IFETEL, RoHS IC: 6715C-RMODIT3 IFETEL: RCPNLNL20-2057 cULus
Programming Tool	CL**AIR**ITY+ mobile app

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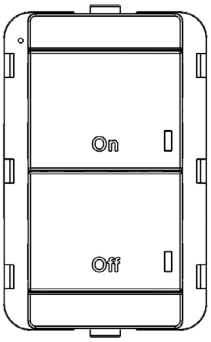
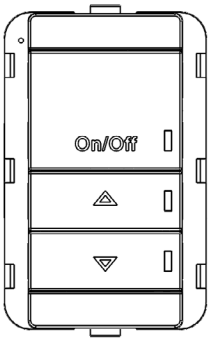
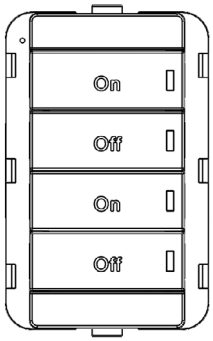
DEFAULT LABELING



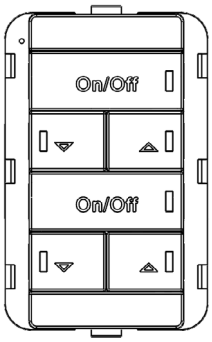
rPODLA
On/Off Control



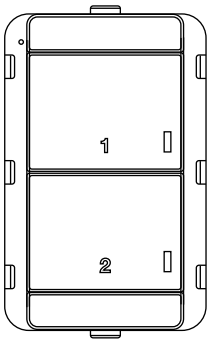
rPODLA DX
On/Off +Raise/Lower Control



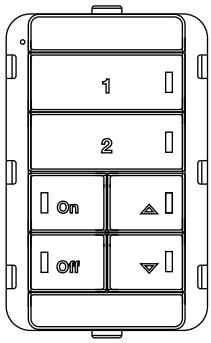
rPODLA 2P
Two Pole On/Off Controls



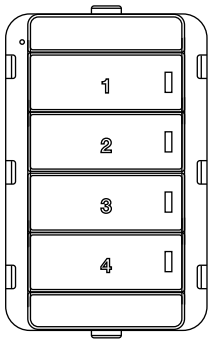
rPODLA 2P DX
Two Pole On/Off + Two Raise/Lower Controls



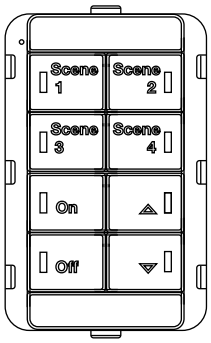
rPODLA 2S
2 Preset Scene Control



rPODLA 2S DX
2 Preset Scene Control with On/Off/Raise/Lower

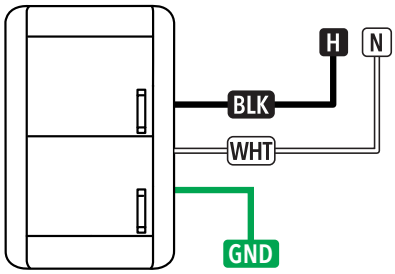


rPODLA 4S
4 Preset Scene Control



rPODLA 4S DX
4 Preset Scene Control with On/Off/Raise/Lower

WIRING



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