

Sensor Switch NPODM-DX-WH

Sensor Switch NPODM-DX-WH nLight Push Button WallPod Dimming Switch User Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of the Sensor Switch NPODM-DX-WH nLight Push Button WallPod Dimming Switch. Please read these instructions thoroughly before beginning installation or use and retain for future reference.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock.

- Always turn off power at the circuit breaker or fuse box before installing or servicing this device.
- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Do not use this device with equipment that exceeds its specified electrical ratings.
- Ensure all connections are secure and properly insulated.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Sensor Switch NPODM-DX-WH Dimming Switch (1 unit)
- Mounting Screws (quantity may vary)

4. PRODUCT OVERVIEW

The Sensor Switch NPODM-DX-WH is a nLight Push Button WallPod Dimming Switch designed for controlling lighting levels. It features multiple push buttons for intuitive operation and connects via an RJ45 connector.

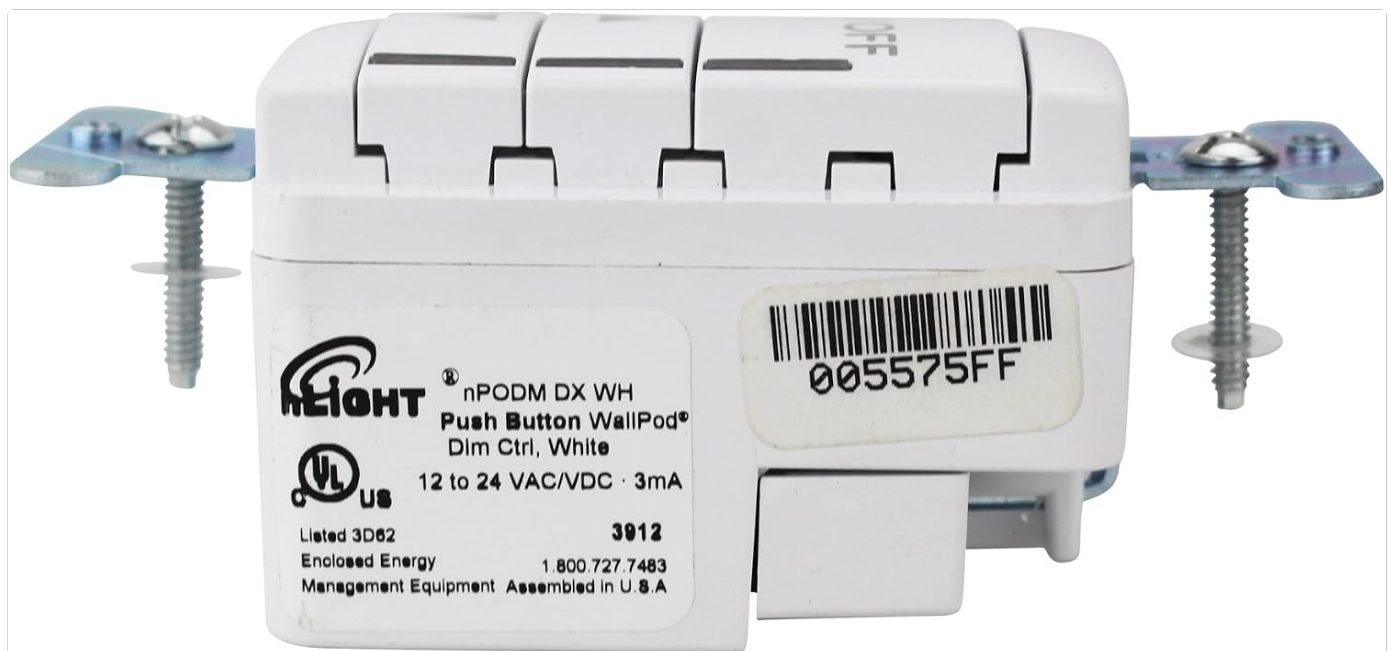


Figure 1: Front view of the NPODM-DX-WH dimming switch, displaying its push buttons and identification label. The label indicates 'nLight nPODM DX WH Push Button WallPod Dim Ctrl, White' and '12 to 24 VAC/VDC - 3mA'.



Figure 2: Packaging for the Sensor Switch nLight Push Button WallPod Dimming Switch. The box shows the model number 'nPODM DX WH' and brand 'Sensor Switch'.

5. SPECIFICATIONS

Model Number	NPODM-DX-WH
Operation Mode	ON-OFF, Dimming
Current Rating	2 Amps
Operating Voltage	12-24 VAC/DC
Contact Type	Normally Open
Connector Type	RJ45

Actuator Type	Push Button
Circuit Type	4-way
Dimensions (L x W x H)	3.2 x 2.5 x 5.1 inches
Weight	2.4 ounces
Color	White
Material	Metal
International Protection Rating	IP54

6. INSTALLATION

Professional installation is recommended. Ensure power is disconnected before proceeding.

6.1 Wiring

- The NPODM-DX-WH operates on 12-24 VAC/DC. Verify your system's voltage compatibility.
- Connect the device using the RJ45 connector to the nLight network. Refer to your nLight system documentation for specific wiring diagrams and network topology.
- Ensure all connections are firm and correctly seated to prevent intermittent operation or damage.

6.2 Mounting

- Mount the switch into a standard electrical wall box using the provided mounting screws.
- Ensure the switch is level and securely fastened.
- Install a compatible wall plate (not included) over the switch.

7. OPERATION

The NPODM-DX-WH switch provides intuitive control over connected nLight devices.

7.1 On/Off Control

- Press the designated 'ON' button to turn connected lights on.
- Press the designated 'OFF' button to turn connected lights off.

7.2 Dimming Control

- Press the 'UP' arrow button to increase the light intensity.
- Press the 'DOWN' arrow button to decrease the light intensity.
- Hold the 'UP' or 'DOWN' button for continuous dimming adjustment.

8. MAINTENANCE

The Sensor Switch NPODM-DX-WH is designed for long-term, reliable operation with minimal maintenance.

- **Cleaning:** To clean the surface of the switch, use a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or internal components.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside this device. Do not attempt to open or

repair the switch. Doing so will void any warranty and may pose a safety hazard.

9. TROUBLESHOOTING

If you experience issues with your NPODM-DX-WH switch, refer to the following common problems and solutions:

- **Lights do not respond:**
 - Check if the circuit breaker is tripped.
 - Verify that the RJ45 cable is securely connected to both the switch and the nLight network.
 - Ensure the nLight system is powered and functioning correctly.
- **Dimming function is not working:**
 - Confirm that the connected lighting fixtures are dimmable.
 - Check nLight system programming to ensure the switch is properly configured for dimming control.
- **Intermittent operation:**
 - Inspect all wiring connections for looseness or damage.
 - Ensure the operating voltage is within the specified 12-24 VAC/DC range.

If problems persist after attempting these solutions, contact Sensor Switch technical support or a qualified electrician.

10. WARRANTY AND SUPPORT

For warranty information and technical assistance, please refer to the official Sensor Switch website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

Sensor Switch Contact Information:

Website: www.sensorswitch.com (Example Link)

Phone: Refer to manufacturer's website for current contact numbers.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question