

ON-PBD-709W



Line Voltage OS-NET Scene Controller

Flexibility • Functionality • Simplicity



OVERVIEW

The ON-PBD-709W is a wireless scene controller designed to provide multi-group, multi-level scene control for OS-NET lighting control system. This line voltage controller can be mounted into a standard NEMA wall box and offering 4 different levels of the connected lighting groups respectively.

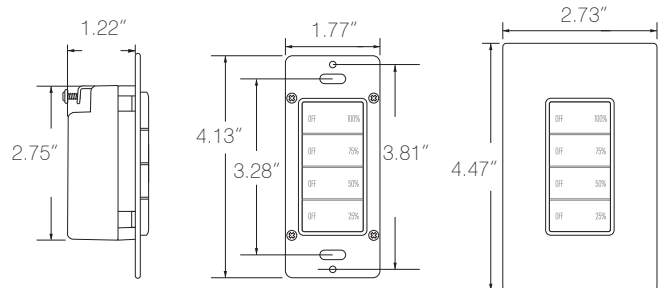
The ON-PBD-709W can be easily connected with the OS-NET wireless lighting control network via a 2-way handheld remote programmer. Each level button can be individually configured to control 1 to 4 lighting groups. Through pressing different level buttons, lighting of the connected groups will be turned on to the respective level as specified.

With this wireless scene controller, you can effortlessly deliver various lighting scenes via combining different lighting groups with different levels, while also achieving an energy-efficient, code-compliant smart lighting control through a state-of-the-art wireless sensor mesh network.

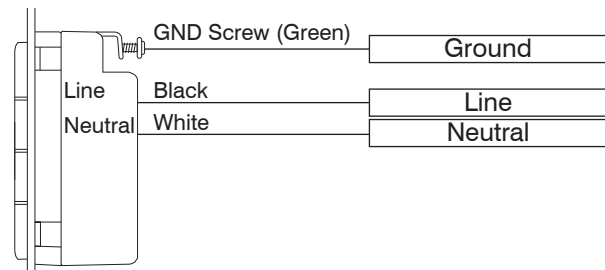
FEATURES

- Line voltage powered wireless control device
- Low profile mounting with standard NEMA box
- Screwless snap-on Decora wall plate supplied
- Each level button can connect up to 4 groups
- Different buttons can control different group(s)
- Dual-color LED to indicate network connection

DIMENSIONS



WIRING DIAGRAM



SPECIFICATIONS

Power voltage	120/277VAC, 50/60 Hz
Wireless protocol	Modified Zigbee Light Link (ZLL)
Radio frequency	2405~2475 MHz
Radio range	Typical 50 ft. @indoor
Radio power output	4.69 dBm
Dim level control	25%, 50%, 75%, 100%
Control group	Max. 4 groups per level
Op. humidity	Max 95% non-condensation
Op. temperature	-14°F ~ 122°F (-10°C ~ 50°C)
Dimensions	4.13"H x 1.77"W x 1.65"D (w/mounting plate)

*Actual radio range may differ at different environmental conditions

APPLICABLE REMOTE (order separately)

Model	Description	Remarks
SRP-281	OS-NET Remote Programmer	Full functionality



DS-ON-PBD709W-EN-LS_V1 (2025-2)

