

PowPak | Installation

Wired Occupancy Transmitter

Part of the Vive Family

041907  
Rev. A  
07/2024

RMJS-OT-DV

120/277 V~ 70 mA  
24 V= 110 mA

UL 2043 Plenum Rated

Note for Replacement:

RMJS-OT-DV can replace WLCU301-CPN6814

Important Notes: Please read before installing.

For installation by a qualified electrician in accordance with all local and national electrical codes.

Note:

Use copper conductors only.

Check to see that the device type and rating is suitable for the application.

DO NOT

install if product has any visible damage.

If moisture or condensation is evident, allow the product to dry completely before installation.

Operate between 32 °F (0 °C) and 104 °F (40 °C).

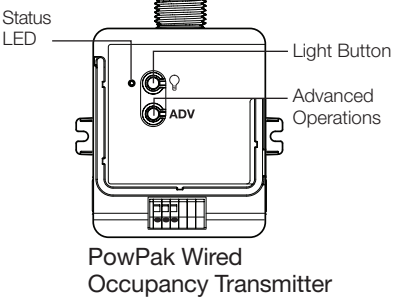
0% to 90% humidity, non-condensing.

For indoor use only.

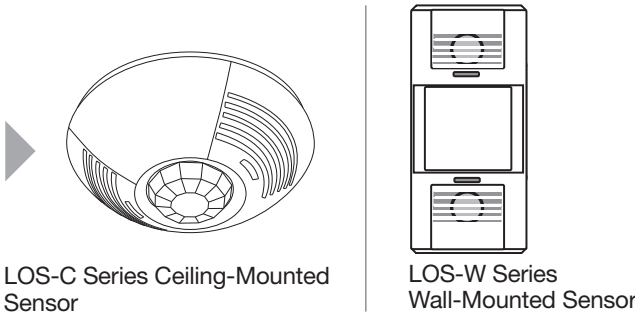
Required Components

For each system ensure you have:

At least one PowPak Wired Occupancy Transmitter



At least one Wired Occupancy Sensor



Limited Warranty: [www.lutron.com/TechnicalDocumentLibrary/369-119\\_Wallbox\\_Warranty.pdf](http://www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf)

**FCC/IC Information**

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation. Modifications not expressly approved by Lutron Electronics Co., Inc. could void the user's authority to operate this equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

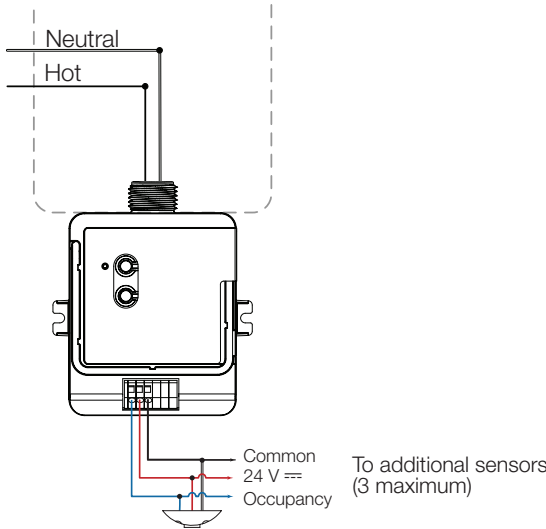
Customer Assistance | 1.844.LUTRON1 U.S.A., Canada, and the Caribbean | +44.(0)20.7680.4481 Europe | +1.610.282.3800 Others | [www.lutron.com/support](http://www.lutron.com/support)

Start Here

**WARNING** Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

1 Install PowPak Wired Occupancy Transmitter

- A** PowPak Wired Occupancy Transmitter can be installed on a junction box or marshalling box using the conduit nut (provided) or with mounting screws (not provided). The device must NOT be mounted inside a fixture or other metallic enclosure – only on the exterior of a fixture. Please consult local and national electric codes for proper installation.
- If installing unit inside a junction box, please see Application Note #423 (P/N 048423 at [www.lutron.com](http://www.lutron.com)).
- B** Once installed, energize the PowPak wired occupancy transmitter.



2 Programming with a Vive Hub

- A** Use an iOS® or Android® compatible device.
- B** Download the Lutron Vive app.
- C** Open the app and follow the instructions to activate a new occupancy sensor.

**Note:** For further information on set up, programming, and troubleshooting with a Vive system, please refer to the installation instructions included with the Vive hub or visit [www.lutron.com/vive](http://www.lutron.com/vive)

**Note:** For programming the PowPak transmitter without a Vive hub see below.

Reset Factory Defaults

- Note:** In some instances it may be necessary to reset the PowPak wired occupancy transmitter back to its factory default settings. Before beginning, make sure the device is properly wired and powered.
- A** Rapidly tap the “ADV” button on the PowPak wired occupancy transmitter three (3) times and hold on the fourth time until the LED begins to flash at a rate of approximately two (2) blinks every one (1) second; then release the ADV button.
- B** Within three (3) seconds of the LED starting to flash, rapidly tap the ADV button three (3) times again. Make sure to release the ADV button after the third press.
- C** The LED will flash at a rate of two (2) blinks every three (3) seconds.
- Note:** Any pairing or programming previously set up with the unit will be lost and will need to be re-programmed.

Troubleshooting

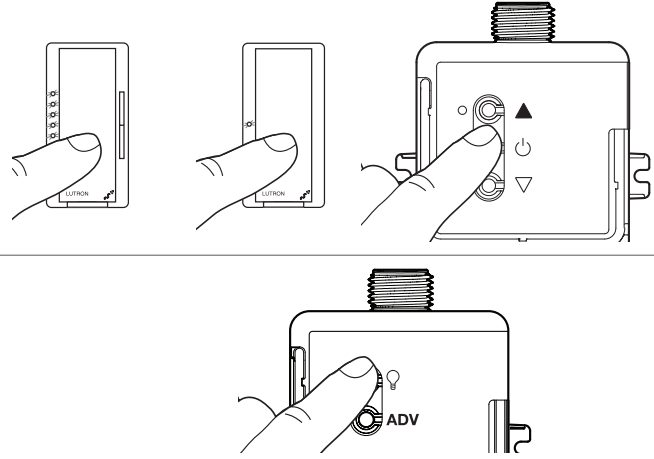
[www.lutron.com](http://www.lutron.com)

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|--|--|
| No LED feedback from wired occupancy transmitter in response to occupancy signal | <ul style="list-style-type: none"><li>• Ensure breaker to the PowPak wired occupancy transmitter is on.</li><li>• Ensure the wired occupancy sensor has been properly wired to the PowPak wired occupancy transmitter.</li></ul> |
| No change in status of the lights in response to occupancy signal                | <ul style="list-style-type: none"><li>• Ensure the associated device(s) is properly associated to PowPak wired occupancy transmitter.</li></ul>  |

PowPak | Programming without a Vive Hub

1 Setting up a Wired Occupancy Transmitter with Compatible Control Devices

- A** Place the control device in set-up mode by pressing and holding the tap button (for Vive Maestro dimmers and switches) or ON/OFF button (for PowPak transmitters) for six (6) seconds until all LEDs on the device begin flashing. Then release the tap or ON/OFF button.
- B** Add the wired occupancy transmitter to the control device by pressing and holding the “Light” button on the front of it for six (6) seconds until the LED flashes briefly. The load(s) on the control device will also flash three (3) times, indicating the wired occupancy transmitter has been successfully added. The Vive Maestro dimmer or switch will exit set-up mode automatically. **NOTE:** The PowPak transmitter will automatically exit association mode 10 minutes after the last activity. However, devices will be unresponsive until the timeout has occurred.
- C** The “Light” button should now switch the lights in the room on and off when pressed. Repeat the above procedure to set up the sensor with additional devices.



2 Testing Wireless Communication

This test should be performed to verify the PowPak wired occupancy transmitter has been correctly set up with the corresponding dimming or switching device and that there is proper wireless communication from the chosen transmitter location.

Press and release the “Light” button multiple times to toggle the lights on and off.

