

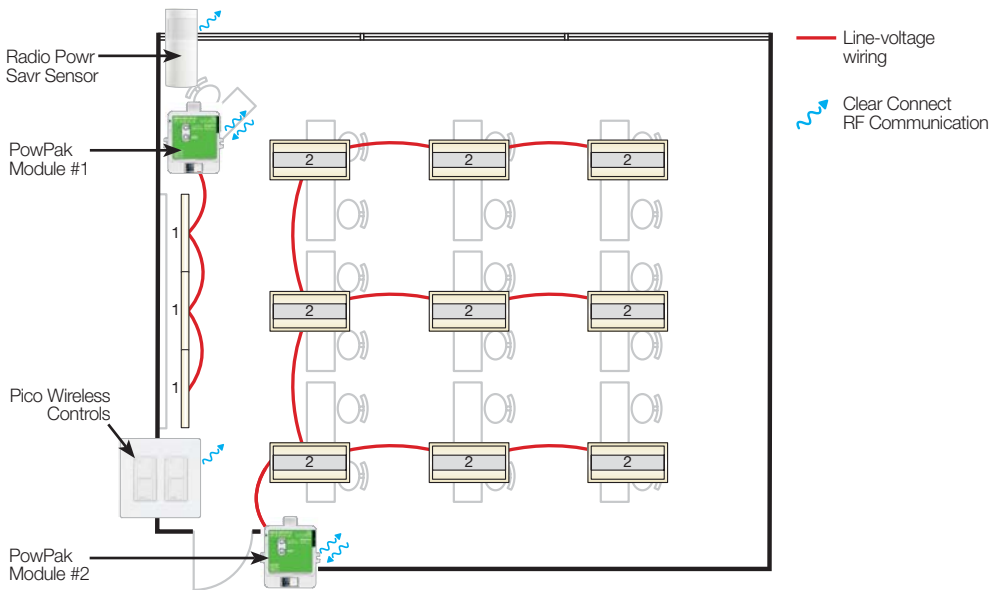
Programming Unaffected Mode With PowPak Relay Modules and Radio Powr Savr Occupancy Sensors

Overview

In some applications it is desirable to be able to program lights to be “unaffected” by a Radio Powr Savr occupancy sensor. For example, the classroom layout below has two RMJS-16R-DV-B switching PowPak modules, 1 Radio Powr Savr occupancy sensor and 2 Pico wireless controls installed. PowPak module #1 controls the lights at the front of the classroom, PowPak module #2 controls the open classroom lights. The sequence of operations that is required for this layout is as follows:

1. The teacher and students walk into the classroom and PowPak module #2 turns on open classroom lights via the Radio Powr Savr occupancy sensor.
2. PowPak module #1 which controls the front classroom lights, does not turn on those lights because it is programmed as “unaffected”.
3. The teacher uses the Pico wireless control to turn on the front classroom lights.
4. Class is over for the day and the teacher and students leave the classroom, and the occupancy sensor goes unoccupied and the lights that are controlled by PowPak module #1 and PowPak module #2 turn off.

This application note details how to program unaffected mode.



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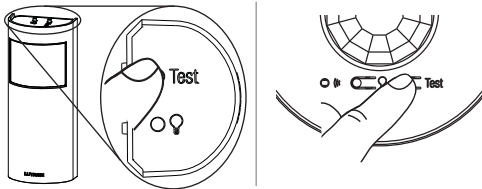
Programming Unaffected Mode

1. Associate Wireless Transmitters to the PowPak module

Follow the steps included in the PowPak module installation guide to associate the Radio Powr Savr occupancy sensor to the PowPak module.

2. Unaffected Mode

- A. Turn off the lights you wish to program as “unaffected”.
- B. To save “unaffected” settings, press and hold the **Test** button for 6 seconds on any associated Radio Powr Savr occupancy sensor. Release the **Test** button when the sensor lens starts to flash. The occupancy sensor will now act as a vacancy sensor for those lights.



NOTE: The contact closure outputs of associated PowPak modules will always function with occupied transitions. That is, the output will always change state when the room goes occupied or unoccupied.

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