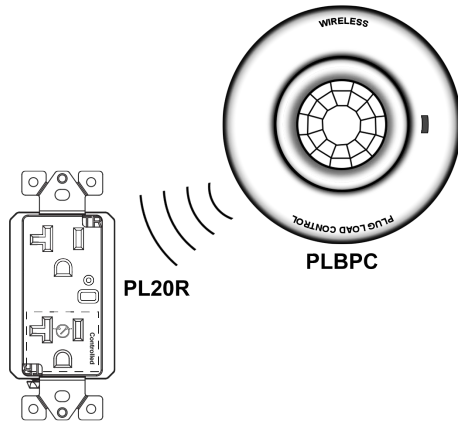
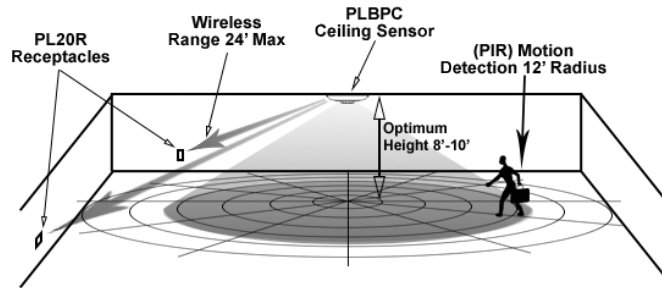


PL20R and PLBPC

Wireless Plug Load Control



COVERAGE



The PLBPC provides a 360° coverage pattern. The coverage shown represents walking motion at a mounting height of 8ft. For building spaces with lower levels of activity or with obstacles and barriers, coverage size may decrease.

Location: The PLBPC ceiling sensor should be mounted in a location free of obstruction from furniture, plants, walls and vibration. The sensor must be mounted a minimum of 4ft away from any air vents (registers). Avoid mounting the sensor close to heat source. When mounting directly to a ceiling fixture, the lens of the sensor must be below the lowest point of the fixture

The ceiling sensor is designed for a ceiling height or about 8-10 feet. Because of the umbrella shaped coverage pattern, mounting above or below the recommended height could reduce the coverage range and sensitivity.

- Make sure the sensor's view of the entrances is not blocked by the door when it is opened.
- Do not mount sensors close to air vents.
- Cover the main walkways
- Try to avoid having the sensor looking out the door of the space

IMPORTANT NOTES BEFORE YOU PROCEED:

- Check with your electrician for maximum receptacles allowed per branch circuit.
- A PLBPC sensor can control PL20R receptacles that are installed on different branch circuits.
- Exercise extreme caution when using the PLBPC to control appliances. It can be activated from a room different than the controlled appliance so an unintentional activation may occur if motion is detected. Unattended or unintentional operation of connected appliance could result in hazardous conditions.
- Automated devices should never be used to supply power to or control medical monitor and/or life support equipment.

SPECIFICATIONS

Voltage (PL20R).....	120VAC, 60HZ, 20A
Motor Load.....	1/2 HP
Time Delay.....	30 minutes
Operating Temperature	30° to 120°F
Relative Humidity.....	20% to 90% non condensing
Operating Frequency.....	315MHz
Reception Sensitivity.....	-105dBm
Sensor Standby Current.....	200uA
Wireless Transmitting Current.....	5mA
Max Wireless Range.....	24ft
Ceiling Sensor Battery Requirement.....	2 AA (Included)

DESCRIPTION/ FEATURES

The PL20R and PLBPC are Wireless Plug Load Controls that are code compliant with 2013 California Title 24. The powerful 20A Tamper Resistant Smart Duplex Receptacle has Controlled and Uncontrolled receptacles, an LED indicator, and a Manual override button. The Controlled Plug Load will turn ON when motion is detected by the ceiling sensor and will turn off 30 minutes after the room is vacated. The PIR ceiling sensor is battery operated so there is no need for expensive in-wall wiring between the sensor and receptacles. Each PIR sensor can pair up more than the 6 recommended receptacles with a wireless range up to 24' so it can operate in large rooms such as conference rooms and lobbies.

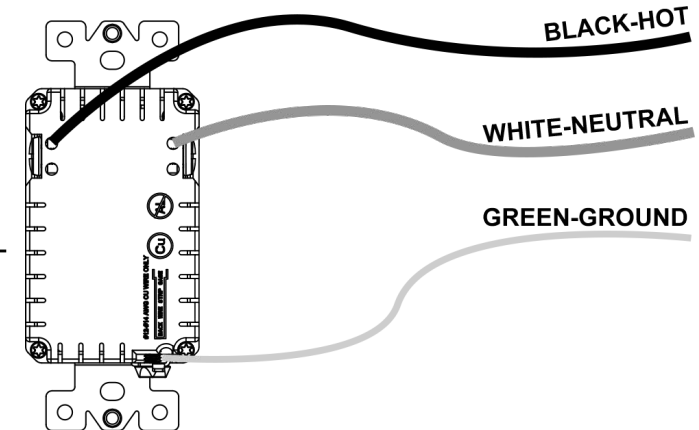
Ideal Solutions for Wireless Plug Load Control

- Hotel guest room: flat screen TV's, floor lamps, task lamps, and coffee maker.
- Private offices: monitors, desk lamps, desk fan, personal heater, flat screen TV, and printer.
- Breakrooms: toasters, coffee maker, microwaves, flat screen TV's, and vending machines.
- Waiting rooms: flat screen TV's, and table lamps.
- Copier rooms: monitors, shredders, copier machines, hole punch machines, flat screen TV's.

WIRING DIRECTIONS

Insert wires through the terminal holes in the back, then tighten terminal screws.

- Connect Black HOT wire to the HOT terminal (brass screw).
- Connect White NEUTRAL wire to the NEUTRAL terminal (silver screw).
- Connect GREEN or BARE wire to the GROUND terminal (green screw).



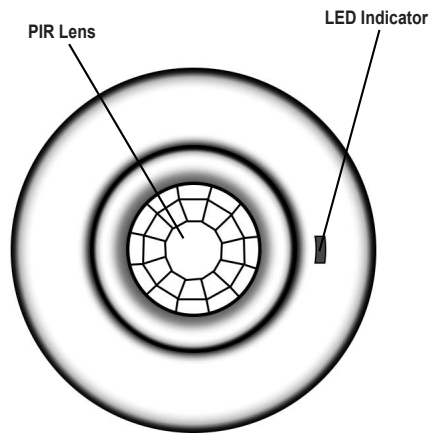
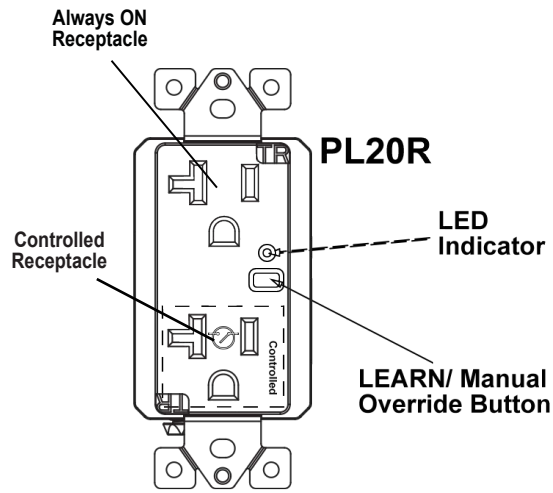
WARNING

Turn the POWER OFF at the circuit breaker before installing the receptacle.

Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation. Make sure to turn off the circuit breaker or fuse(s) and make sure power is off before wiring the device.

Use copper wires only.

PL20R DIAGRAM



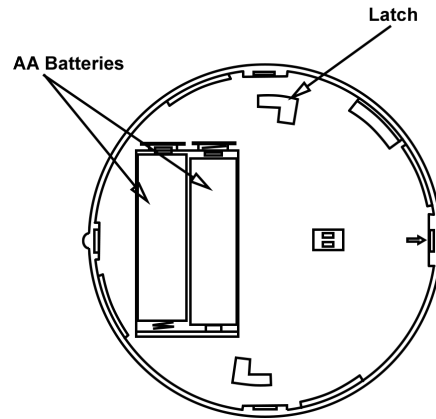
CODE LEARNING

BEFORE installing the sensor onto the ceiling, you must pair all receptacles with the PLBPC ceiling sensor. Six receptacles are recommended per sensor.

1. Remove the battery from the PLBPC sensor.
2. Power on the receptacles once they're all connected and wall plates are installed.
3. Press and hold the "LEARN" button for 15 seconds on the receptacle.
4. Once the receptacle is in LEARN mode, install both batteries into the PLBPC sensor. NOTE: The receptacles will be in LEARN mode for about 45 seconds.
5. Wait a few seconds for the receptacle to pair with the PLBPC.
6. Repeat steps 1-5 for each receptacle to be paired (Multiple receptacles can be paired simultaneously)
7. Test all receptacles to ensure that they're operating correctly.
8. Install ceiling sensor onto ceiling.

MOUNTING PLBPC

1. Secure the mounting bracket to the ceiling using provided screws, anchors and double-sided tape.
2. Align the latch on the sensor to the mounting bracket.
3. Latch the sensor by turning it counter-clockwise.



FCC COMPLIANCE STATEMENT

FCC Grant of Equipment Authorizations of this device and transmitters installed in this device can be found at FCC website by entering the FCC ID number on the device.

Caution: Changes or modifications not expressly approved by the part responsible for compliance could void the user's right to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

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:

- Reorient 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.
- Consult the dealer or an experienced radio/TV technician for help.

OPERATING THE SENSOR AND RECEPTACLE(S)

Operating

The "Always ON" receptacles will always have power as long as the circuit breaker is ON. The "Controlled" receptacles will turn ON and stay ON as long as motion is detected and turn off 30 minutes after the last motion detected.

The "Controlled" receptacle can also be operated manually by pushing the manual override button located on the receptacle.

Low Battery Indicator

The LED indicator on the sensor will flash constantly when the battery on the sensor is running low.

LED Indicator on Receptacle:

LED indicator	Indication
Flashes rapidly for about 45 seconds	Receptacle is in Learn mode
Solid ON for 2 seconds (following Learn mode)	Receptacle is paired
Quick flashes twice, stops 1 second, and then quick flashes twice (Repeat)	Device is in trouble mode

LED Indicator on Sensor will quickly blink 3 times when battery is installed

Button Functions on Receptacle:

Button Press	Function
Short-press	Manually turns ON/OFF the controlled receptacle.
Long-press(10 seconds)	Receptacle enters LEARN mode.

WARRANTY INFORMATION

This device is warranted to be free of material and workmanship defects for 2 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Enerlites, Inc. Warranties from other Enerlites products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Enerlites shall not be liable to the purchaser or end user customer of Enerlites products for direct, indirect, incidental, or consequential damages even if Enerlites has been advised of the possibility of such damages. Enerlites' total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory.

