

WARNINGS AND CAUTIONS:

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!**
- To be installed and/or used in accordance with electrical codes and regulations.
- To avoid overheating and possible damage to this device and other equipment, **DO NOT** install to control a receptacle.
- Use only one IPS15 or IPV15 sensor in a multi-location circuit with up to 9 VP0SR-10 coordinating Vizia+™ switch remotes without LEDs or up to 4 IPV0R-1L sensor remotes or 4 VP0SR-1L Vizia+™ matching remotes with LEDs.

WARNINGS AND CAUTIONS:

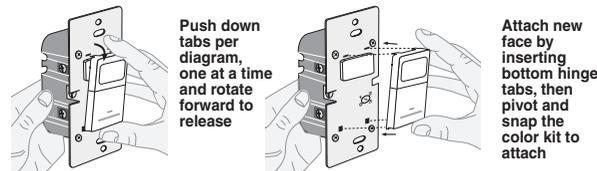
- If you are not sure about any part of these instructions, consult an electrician.
- The Manual-On Occupancy Sensor Remote is intended to replace additional 3-Way and 4-Way switches when used with the IPS15 and IPV15 Occupancy Sensors.
- Do not touch the surface of the lens. Clean outer surface gently with damp cloth only. **DO NOT** use soaps or cleaning liquids.
- Use this device **WITH COPPER OR COPPER CLAD WIRE ONLY.**

TOOLS NEEDED TO INSTALL YOUR DEVICE

- Slotted/Phillips Screwdriver
- Electrical Tape
- Pliers
- Pencil
- Cutters
- Ruler

CHANGING THE COLOR OF YOUR DEVICE

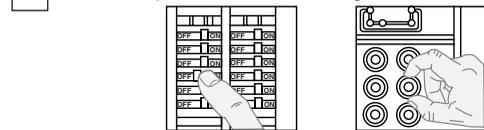
Your device may include color options. To change color of the face proceed as follows:



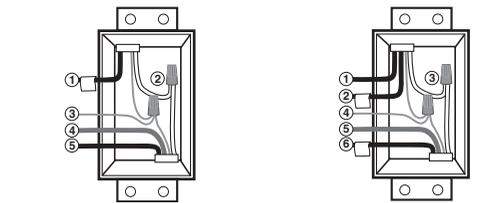
INSTALLING YOUR REMOTE

NOTE: Use check boxes when Steps are completed.

Step 1 **WARNING: TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!



Step 2 **Identifying your wiring application (most common) - NOTE:** If the wiring in the wall box does not resemble any of these configurations, consult an electrician.



- 3-Way**
1. Line or Load (**See important instruction below**)
 2. Neutral
 3. Ground
 4. First Traveler – note color
 5. Second Traveler – note color
- NOTE:** For matching remote w/LEDs installation, the **First Traveler** becomes Line Hot.

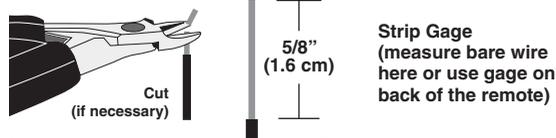
- 4-Way**
1. First Traveler – note color
 2. Second Traveler – tagged
 3. Neutral
 4. Ground
 5. Third Traveler – note color
 6. Fourth Traveler – tagged
- NOTE:** For matching remote w/LEDs installation, the **First Traveler** becomes Line Hot.

IMPORTANT:

For 3-Way applications, note that one of the screw terminals from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the sensor wall box and remote wall box.
For 4-Way applications, note that the old switch being removed will have 4 screws plus a ground screw. Tag the two same color insulated wires with electrical tape.

Step 3 **Preparing and connecting wires:**

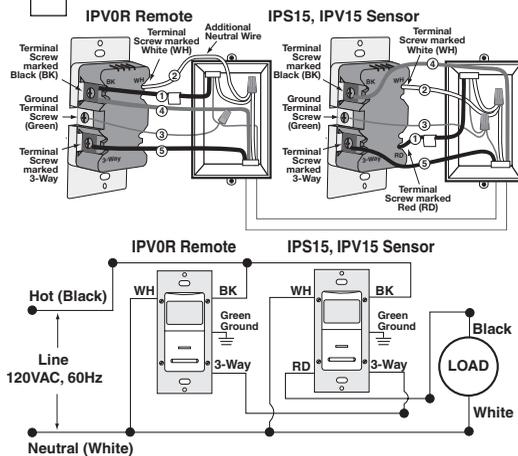
This remote can be wired using side wire terminal screws or through backwire openings. Choose appropriate wire stripping specifications accordingly.



- Side Wire**
Side wire terminals accept #14-12 AWG solid copper wire only.
- Back Wire**
Back wire openings use #14-12 AWG solid copper wire only.

- Make sure that the ends of the wires from the wall box are **straight (cut if necessary)**.
- Remove insulation from each wire in the wall box as shown.

Step 4a **3-Way Wiring of Sensor Remote with IPS15/IPV15 Sensor:**



NOTE: The Occupancy Sensor **must** be installed in a wall box that has a Load connection. The sensor remote **must** be installed in a wall box with a Line Hot connection and a Neutral connection. A Neutral wire to the sensor remote needs to be added as shown. If you are unsure about any part of these instructions, consult an electrician. **NOTE:** Maximum wire length from sensor to all installed remotes cannot exceed 300 ft (90 m).

WIRING SENSOR REMOTE OR VIZIA MATCHING SWITCH REMOTE (3-Way wall box with Line Hot connection):

Connect wires per WIRING DIAGRAM as follows:

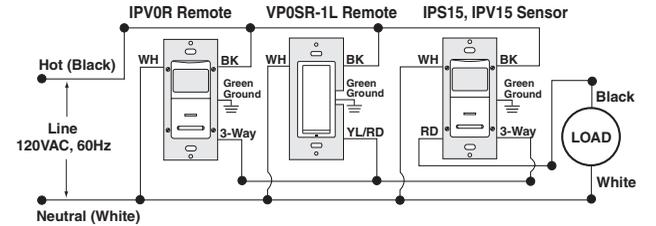
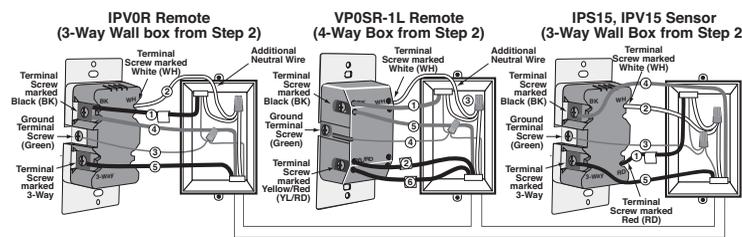
- **NOTE:** Use backwire connection when connecting two wires to one screw terminal.
- Green or bare copper wire in wall box to Green terminal screw on Sensor Remote or Vizia Matching Switch Remote.
- Line Hot (common) wall box wire identified (tagged) when removing old switch and First Traveler wall box wire to Sensor Remote terminal screw or Vizia Matching Switch Remote terminal screw marked "BK".
- Second Traveler wall box wire from other 3-Way wall box to Sensor Remote terminal screw marked "3-Way" or Vizia Matching Switch Remote terminal screw marked "YL/RD" (**note wire colors**). This traveler from the remotes must go to the terminal screw marked "3-Way" on the sensor.
- Neutral wall box wire to remote terminal screw marked "WH".

WIRING SENSOR (3-Way wall box with Load connection):

Connect wires per WIRING DIAGRAM as follows:

- **NOTE:** Use backwire connection when connecting two wires to one screw terminal.
- Green or bare copper wire in wall box to Green terminal screw on sensor.
- Load wall box wire identified (tagged) when removing old switch to terminal screw marked "RD" on sensor.
- First Traveler Line Hot to terminal screw marked "BK" on sensor.
- Remove Red insulating label from terminal screw marked "3-Way" on sensor.
- Second Traveler wall box wire (**note color as above**) to terminal screw marked "3-Way" on sensor. This traveler must go to the terminal screw on the Sensor Remote marked "3-Way" or to the terminal screw on the Vizia matching switch remote marked "YL/RD".
- Neutral wall box wire to terminal screw marked "WH" on sensor.

Step 4b **4-Way Wiring of Sensor Remote with IPS15/IPV15 Sensor:**



NOTE: The Occupancy Sensor **must** be installed in a wall box that has a Load connection. The sensor remote **must** be installed in a wall box with a Line Hot connection and a Neutral connection. A Neutral wire to the sensor remote needs to be added as shown. If you are unsure about any part of these instructions, consult an electrician. **NOTE:** Maximum wire length from sensor to all installed remotes cannot exceed 300 ft (90 m).

WIRING SENSOR REMOTE OR VIZIA MATCHING SWITCH REMOTE (3-Way wall box with Line Hot connection):

Connect wires per WIRING DIAGRAM as follows:

- **NOTE:** Use backwire connection when connecting two wires to one screw terminal.
- Green or bare copper wire in wall box to Green terminal screw on Sensor Remote or Vizia Matching Switch Remote.
- Line Hot (common) wall box wire identified (tagged) when removing old switch and First Traveler wall box wire to Sensor Remote terminal screw or Vizia Matching Switch Remote terminal screw marked "BK".
- Second Traveler wall box wire from 4-way wall box to Sensor Remote terminal screw marked "3-Way" or Vizia Matching Switch Remote terminal screw marked "YL/RD" (**note wire colors**). This traveler from the remotes must go to the terminal screw marked "3-Way" on the sensor.
- Neutral wall box wire to remote terminal screw marked "WH".

WIRING SENSOR REMOTE OR VIZIA MATCHING SWITCH REMOTE (4-Way wall box):

Connect wires per WIRING DIAGRAM as follows:

- **NOTE:** Use backwire connection when connecting two wires to one screw terminal.
- Green or bare copper wire in wall box to Green terminal screw on Sensor Remote or Vizia Matching Switch Remote.
- First Traveler and Third Traveler wall box wires to Sensor Remote or Vizia Matching Switch Remote terminal screw marked "BK".
- Second Traveler (tagged) and Fourth Traveler (tagged) wall box wires to Sensor Remote terminal screw marked "3-Way" or Vizia Matching Switch Remote terminal screw marked "YL/RD" (**note wire colors**). This traveler from the remotes must go to the terminal screw marked "3-Way" on the sensor.
- Neutral wall box wire to remote terminal screw marked "WH".

WIRING SENSOR (3-Way wall box with Load connection):

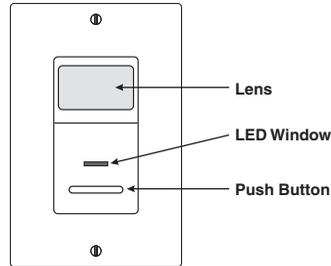
Connect wires per WIRING DIAGRAM as follows:

- **NOTE:** Use backwire connection when connecting two wires to one screw terminal.
- Green or bare copper wire in wall box to Green terminal screw on sensor.
- Load wall box wire identified (tagged) when removing old switch to terminal screw marked "RD" on sensor.
- First Traveler Line Hot to terminal screw marked "BK" on sensor.
- Remove Red insulating label from terminal screw marked "3-Way" on sensor.
- Second Traveler wall box wire (**note color as above**) to terminal screw marked "3-Way" on sensor. This traveler must go to the terminal screw on the Sensor Remote marked "3-Way" or to the terminal screw on the Vizia matching switch remote marked "YL/RD".
- Neutral wall box wire to terminal screw marked "WH" on sensor.

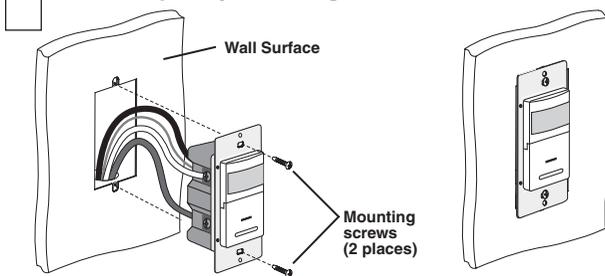
OPERATION

Cat. No. IPV0R has a push button switch that will toggle the lights ON and OFF (refer to diagram). When used with the IPS15 Automatic-ON sensor, the IPV0R (remote) will automatically turn ON with occupancy, and remain ON in the presence of motion and will turn OFF either in the absence of motion or when the push button is depressed.

When used with the IPV15 Manual-ON sensor, the IPV0R (remote) will require the user to depress the push button to activate the lights. The sensor will remain ON with the presence of motion and will turn OFF either in the absence of motion or when the push button is depressed. If motion is detected within 30 seconds after the lights have turned OFF due to absence of motion, the lights will turn back ON automatically. If 30 seconds expires when lights have turned OFF due to absence of motion, the lights will then have to be turned ON manually with the push button.



Step 5 Testing your Sensor Remote prior to completely mounting in wall box:



NOTE: Dress wires with a bend as shown in diagram to relieve stress when mounting device.

- Position all wires to provide room in outlet wall box for device.
- Ensure that the word "TOP" is facing up on the device strap.
- Partially secure device using long mounting screws provided.
- Remove the face cover of the IPS15/IPV15 sensor to expose the time adjustment dial (refer to Changing the Color of your Device on page 1 of the IPS15/IPV15 instruction sheet).
- Set time selection of the IPS15/IPV15 sensor to 30 seconds for a quick time out during testing (refer to ADJUSTMENT SETTINGS section on page 2 of the IPS15/IPV15 instruction sheet).
- Set the light level dial of the sensor full clockwise (Refer to ADJUSTMENT SETTINGS section).
- Place the face cover back on the sensor.
- Restore power at circuit breaker or fuse.
- When used with the IPS15 Automatic-ON sensor the lights will automatically turn ON after power is applied.

- When used with the IPV15 Manual-ON sensor, press and release push button to turn the lights ON.
NOTE: If lights do not turn ON, refer to the TROUBLESHOOTING section.
- Leave the room to allow the sensor to time out and shut off the lights due to absence of motion.
- Within 30 seconds of the lights timing out step back in to the room or the field of view of the remote and the lights should turn back ON automatically.
- If the lights do not turn OFF 30 seconds after leaving the room decrease the sensitivity of the remote (refer to the ADJUSTMENT SETTING section).
- If the lights do not turn back ON automatically when you step back in to the room increase the sensitivity of the remote (refer to the ADJUSTMENT SETTING section).
- When the desired sensitivity setting of the remote is selected remove the face cover from the IPS15/IPV15 sensor, reset the time selection to the desired time out, and then place the face cover back on the sensor.

SENSITIVITY ADJUSTMENT

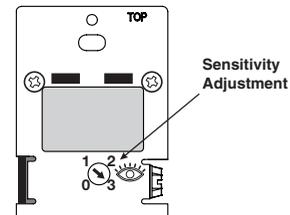
NOTE: To avoid PERMANENT DAMAGE to the unit, be careful NOT TO OVERTURN the sensitivity adjustment dial when setting the Sensor Remote.

NOTE: The locator light LED will blink every 3 seconds while motion is detected.

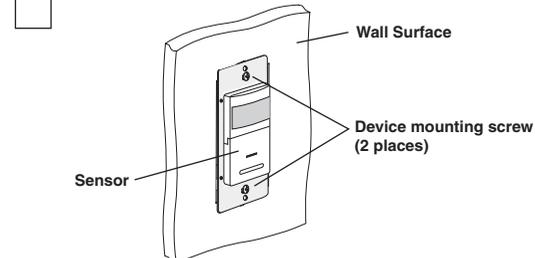
1. With power restored and wallplate removed, remove face of device to expose sensitivity dial (refer to Changing the Color of your Device on page 1). Use a small screwdriver to adjust the sensitivity on the remote as follows (refer to Diagram):

Sensitivity - Increase or decrease the sensitivity of the remote as follows:

- To decrease sensitivity and detection range, rotate the dial counterclockwise. To increase the sensitivity and detection range, rotate the dial clockwise. With the arrow pointing at 3 the sensitivity is full. With the arrow pointing at 0, the sensitivity is reduced by half. As the dial rotates from 2 to 0, the change in sensitivity is made in fine steps.
2. Attach the face cover and test that the sensitivity is set as desired. If not, repeat adjustment until satisfied.



Step 6 Sensor Remote Mounting: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE.



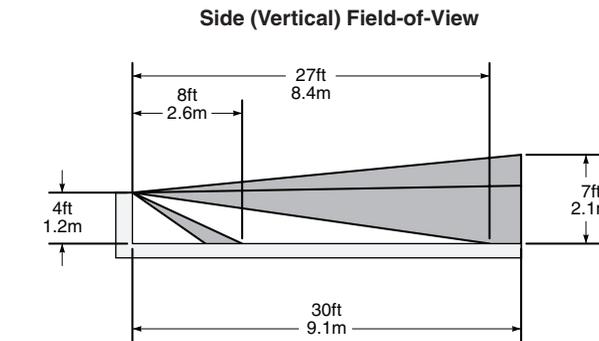
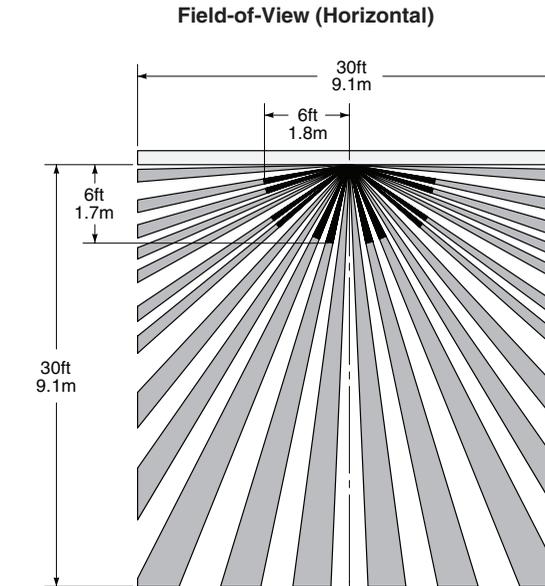
- Secure device by firmly tightening mounting screws.
- Attach wallplate.

Step 7 Restore Power:

Restore power at circuit breaker or fuse.

Installation is complete.

SENSING AREA COVERAGE



TROUBLESHOOTING

Lights always stay ON:

- Check time delay settings on sensor and compare to how long the lights stay ON.
- Be sure that no motion occurs in coverage area for time selected.
- Check that the sensor and sensor remote are not installed near a heat source (e.g., stove, lights, heat vents) or detecting motion from an adjacent area (e.g., hallway traffic). If so, they may have to be relocated.
- Try lowering the Sensitivity Adjustment. Rotate the dial counterclockwise about 30°. If the problem persists, try reducing again.
NOTE: DO NOT reduce so much that Cat. No. IPV0R cannot see normal occupancy.

Lights do not turn ON:

- Check that sensor and sensor remote are installed correctly.
- Check that power is ON.
- Check that light bulb is functioning.
NOTE: If problems continue, consult an electrician.

For additional information, contact Leviton's Techline at 1-800-824-3005 or visit Leviton's website at www.leviton.com

This product is covered by U.S. Pat. No. 7,924,155 and corresponding foreign patents.
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FCC COMPLIANCE STATEMENT

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 the 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.

FCC CAUTION

Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

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ID-000-IPV0R-02B

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.

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Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option. For details visit www.leviton.com or call 1-800-824-3005. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

For Technical Assistance Call: 1-800-824-3005 (U.S.A. Only) www.leviton.com