TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!

Identifying your wiring application

1. Line (Hot)
2. Neutral
3. Ground
4. Load

LOAD WALL BOX WIRE TO TERMINAL SCREW MARKED “RD”.

Push down tabs per diagram, one at a time and rotate forward to release.

Attach new face by inserting bottom hinge tabs, then pivot and snap the color kit to attach.

Changing the Color of Your Device

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

WIRING SENSOR:

Connect wires per WIRING DIAGRAM as follows:

- Green or bare copper wire in wall box to Green terminal screw.
- Line Hot wall box wire to terminal screw marked “BK”.
- Load wall box wire to terminal screw marked “RD”.
- Neutral Neutrals wall box wire to terminal screw marked “WH”.
- Terminal screw marked “3-Way” should have Red insulation label attached.

NOTE: If insulating label is not affixed to terminal screw marked “3-Way”, use electrical tape to cover.

Proceed to Step 5.

3 Way Wiring with Vizia™ Coordinating Remote (No LED Application):

3-WAY APPLICATION:

1. Line or Load (See important note below)
2. Neutral
3. Ground
4. Second Traveler – note color
5. Second Traveler – note color

Applicaton, go to Step 4b.

For 3-Way Wiring with IPV0 Sensor Remote or Vizia™ Matching Remote (LED) Application, go to Step 6.

For 3-Way Wiring with Vizia™ Coordinating Remote (No LED) Application:

Applicaton, go to Step 4.

FOR 3-WAY WIRING WITH IPV0 SENSOR REMOTE OR VIZIA™ MATCHING REMOTE (LED) APPLICATION:

Single Pole Wiring Application:

Sensor
Terminal Screw Marked White (WH)

Application, go to Step 4.

For Single Pole Applications, Do Not Remove This Label.

DESCRIPTION

The IPV-15, which features a Manual-ON operation, is California Title 24:2005 compliant. The unit turns off manually or in absence of motion according to the timeout selected. The IPV-15 provides Automatic-ON operation as well as Manual-On with the push pads. These units install in place of a single-pole or 3-way switch and fit in a standard wall box. These units are designed for switching incandescent lamps, magnetic fluorescent ballasts, fans, CFL and LED lamps.

LOCATION/MOUNTING

The device responds to temperature changes and care should be taken when mounting the device. DO NOT mount directly above a heat source, in a location where hot or cold drafts will blow directly across the sensor, or where unintended motion (e.g., hallway traffic) will be within sensor’s field-of-view.

INSTALLING YOUR DEVICE

NOTE: Use check boxes ✓ when Steps are completed.

PRODUCT WARRANTY

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 material 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, without charge for labor to the original consumer purchaser. However, Leviton is not liable for incidental, indirect, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, test sales or profits or delay or failure to perform this warranty obligation. Leviton is not liable for incidental, indirect, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, test sales or profits or delay or failure to perform this warranty obligation.

Limited Warranty and Exclusions

Leviton warrants to the consumer purchaser that this product is free from defects in material and workmanship under normal and proper use for five years from the purchase date. This warranty excludes and is limited to electrical liability for removal of this product or installation. 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 written or implied warranties, including merchantability and fitness for a particular purpose, in any event. Leviton is not liable for indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, test sales or profits or delay or failure to perform this warranty obligation.

Leviton warrants to the consumer purchaser that this product is free from defects in material and workmanship under normal and proper use for five years from the purchase date. This warranty excludes and is limited to electrical liability for removal of this product or installation. 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 written or implied warranties, including merchantability and fitness for a particular purpose, in any event. Leviton is not liable for indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, test sales or profits or delay or failure to perform this warranty obligation.
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 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 REMOTE**
- **Wall box with Line Hot connection:** Connect wires per WIRING DIAGRAM as follows:
  - Green or bare copper wire to Green terminal screw.
  - Neutral (common) wall box wire identified (tagged) when removing old switch and First Traveler wall box screw marked “BK”.
  - Second Traveler wall box wire from sensor to remote screw marked “3-Way” (note wire color). This traveler from the remote must go to the terminal screw on the sensor marked “3-Way”.
- **Neutral wall box to remote terminal screw marked “WH”.

**WIRING SENSOR** (wall box with Load connection):
- Connect wires per WIRING DIAGRAM as follows:
  - Black wire to black wire in Green terminal screw.
  - Load wall box wire identified (tagged) when removing old switch to terminal screw marked “BK”.
  - First Traveler Line Hot to terminal screw marked “BK”.
  - Remove Red insulating label from terminal screw marked “3-Way”.
  - Second Traveler wall box wire (note color as above) to terminal screw marked “3-Way”.
  - This traveler from the sensor must go to the terminal screw on the remote marked “3-Way”.
  - Neutral wall box to remote terminal screw marked “WH”.

**STEP 5** Testing your Device prior to mounting in wall box:
- **NOTE:** Dress wires with a bend as shown in diagram in order 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 device strap.
  - Partially screw in mounting screws in wall box mounting holes.
  - Remove the face cover of the sensor to expose the adjustment dials (refer to Changing the Color of your Device on page 1).
  - Set time selection of the sensor to 30 seconds for a quick time out during testing (Refer to ADJUSTMENT SETTINGS section).

**OPERATION**

**IPS15**
- **Auto ON:** Lights will automatically turn ON when room is occupied or motion is detected. The IPS15 will switch lights OFF when no motion is detected in an unoccupied room after set period of time. Time delay adjustment: Refer to section on Adjustment Settings.
  - **Manual ON:** The IPS15 will turn lights ON or the load by depressing the push pad on the device. The IPS15 can be set to turn ON only by the pushpad (no automatic on) by adjusting the ambient light control to the “0” position.

**IPV5**
- **Manual ON:** The IPV5 requires the user to manually turn ON the lights or the load by depressing the push pad on the device. The lights or load will automatically turn-off when the room is left unoccupied for a set period of time.

Time delay adjustment: Refer to section on Adjustment Settings.

NOTE: In a 3-way application, using vita™ matching or coordinating remotes, the remote will only have the ability to manually switch the load ON, the sensor will then time out and switch the load OFF once motion is no longer detected. For automatic control at both locations, use IPV5 as the remote.

**LOCATOR LIGHT LED:**
- **IPS15:** If no motion is detected and if the load is ON or OFF, IPV15: LED blinks when motion is detected and when load is ON. LED will remain illuminated when load is OFF.

**LOCATOR LIGHT STATUS**
- **LOAD IPS15 IPV15**
  - **OFF** Blinking
  - **Blinking** Blinking
  - **Blinking** ON

**TROUBLESHOOTING**
- **LEDs do not switch ON - IPV15:**
  - Motion beyond sensing range, move closer to switch.
  - Adjust the light level adjustment toward lighter or darker, depending on room conditions.
- **Lights always stay ON:**
  - Check delay settings and compare to how long the lights stay ON.
  - Be sure that no motion occurs in coverage area for time selection.
  - Check that the lights are not set to permanent ON. (e.g., stove, lights, heat vents) or detecting motion from an adjacent area (e.g., hallway). (Note: this light switch may have to be relocated.)
  - If the lights do not turn ON after 30 seconds after the delay has been set, increase the sensitivity of the sensor (refer to the ADJUSTMENT SETTINGS section).
  - If the lights to not turn ON automatically when you step back into the room increase the sensitivity of the sensor (refer to the ADJUSTMENT SETTINGS section).
- **LEDs do not turn ON with the pushpad - IPV15:**
  - Check that switch is installed correctly.
  - Check that pushpad is ON.
  - Check that light bulb is functioning.

**NOTE:** If problems continue, consult an electrician.

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**ADJUSTMENT SETTINGS**

**Located PERMANENT DAMAGE to the unit, be careful NOT TO OVERTURN the adjustment dials when setting the Sensor.**
- With power restored and wallplate removed, remove face of device to expose adjustment dials (refer to Changing the Color of your Device on page 1).
  - Use a small screwdriver to adjust the light level, time selection and sensitivity as follows (Refer to Diagram):

**Light Level Adjustment (IPS15 only):**
- Adjust the light level dial clockwise. Lights will turn ON in lighter conditions.
- Adjust the light level dial counterclockwise. Lights will turn OFF in less lighting conditions.

**Time Selection:**
- Adjust the time selector dial to the desired length of time the lights are to remain ON. Lights will remain ON for 30 seconds to 30 minutes after the room is vacated.
- Adjust the time selector dial counterclockwise to increase the duration of the ON time up to 30 minutes.

**Sensitivity:**
- Increase or decrease the sensitivity of the sensor as follows:
  - To decrease the sensitivity and detection range, rotate the dial counterclockwise. To increase the sensitivity and detection range, rotate the dial clockwise. With the arrow pointing about 3/4 the way up. 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 steps.

**Step 6** Device Mounting:
- **TURNS OFF POWER:**
  - CIRCUIT BREAKER OR FUSE.
  - Installation may now be completed by tightening mounting screws into wall box.
  - Attach wallplate.

**Step 7** Restore Power: Restore power at circuit breaker or fuse.
- Installation is complete.

**TROUBLESHOOTING**
- **Light Level Adjustment (IPS15 only):**
  - Adjust the light level dial clockwise. Lights will turn ON in lighter conditions.
  - Adjust the light level dial counterclockwise. Lights will turn OFF in less lighting conditions.

**Time Selection:**
- Adjust the time selector dial to the desired length of time the lights are to remain ON. Lights will remain ON for 30 seconds to 30 minutes after the room is vacated.
- Adjust the time selector dial counterclockwise to increase the duration of the ON time up to 30 minutes.

**Sensitivity:**
- Increase or decrease the sensitivity of the sensor as follows:
  - To decrease the sensitivity and detection range, rotate the dial counterclockwise. To increase the sensitivity and detection range, rotate the dial clockwise. With the arrow pointing about 3/4 the way up. 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 steps.

**Step 2** Attach the face cover and test that the light level, time selection and sensitivity are set as desired. If not, repeat adjustments until satisfied.

**SIDE VIEW**

**Field-of-View (Horizontal)**

<table>
<thead>
<tr>
<th>Side (Vertical) Field-of-View</th>
<th>SENSING AREA COVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2m</td>
<td>1.8m</td>
</tr>
<tr>
<td>2.1m</td>
<td>3.0m</td>
</tr>
<tr>
<td>3.6m</td>
<td>5.4m</td>
</tr>
<tr>
<td>5.9m</td>
<td>9.1m</td>
</tr>
</tbody>
</table>

**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 it is 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 communications, which 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.

**CIRCUIT BREAKER OR FUSE.**

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