**Tools needed to install your Device**
- Sted/Pliers Screwdriver
- Electrical Tape
- Pencil
- Knife

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

**Step 1**
- 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

**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.

**Step 3**
- Preparing and connecting wires:
  - This device can be wired using side wire terminal screws. Choose appropriate wire stripping specifications according to AWG: 18-22 (1.0 mm)

**Step 4**
- Single Pole Wiring Application:
  - 1. Line (Hot)
  - 2. Neutral
  - 3. Ground
  - 4. Load
- 3-Way Wiring with Single Pole Switch Application:
  - 1. Line or Load
  - 2. Neutral
  - 3. Neutral
  - 4. First Traveler – note color
  - 5. Second Traveler – note color
  - Note: 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 on the sensor, or where unintended motion (e.g., halway traffic) will be within sensor’s field-of-view.

**INSTALLING YOUR DEVICE**
- Use check boxes when steps are completed.

**WARNING:** To avoid fire, shock, or death, turn off power at circuit breaker or fuse and test that the power is off before wiring!

**WIRING SENSORS:**
- **Connect wires per WIRING DIAGRAM as follows:**
  - **Green** or bare copper wire in wall box to Green terminal.
  - **Neutral** or solid copper wire to the Black screw marked “RD”.
  - **Terminal screw marked “3-way” should have Red insulation label affixed.**

**WIRING SWITCH:**
- **Connect wires per WIRING DIAGRAM as follows:**
  - **Green** or bare copper wire in wall box to Green terminal.
  - **Neutral** or solid copper wire to the Black screw marked “RD”.
  - **Connect the following 4 wires using an appropriately sized wire nut:**
    - 1. Common/Line wire (identified in step 2).
    - 2. Switch wire (note color from step 3).
  - **Do Not Remove This Label.**

**WIRING SENSORS:**
- **Connect wires per WIRING DIAGRAM as follows:**
  - 1. Common/Line wire (identified when removing old switch)
  - **First Traveler wall box wire (note color from step 2) to terminal screw marked “3-way”**.
  - **Second Traveler wall box wire (note color from step 2) to terminal screw marked “3-way”**.

**WARNING AND CAUTIONS:**
- **DO NOT** use snap or cleaning liquids.
- **DO NOT** use a tool that may make noise.
- **DO NOT** use any anode or cathode.
- **DO NOT** use this device with COPPER OR COPPER CLAD WIRE ONLY.

**WARNING:** To avoid fire, shock, or death, turn off power at circuit breaker or fuse and test that the power is off before wiring!

**Single Pole and 3-Way Wide View Motion Activated Light Control & Dimmer**

**Cat. No. IPS6K, IPV6K - INDOOR USE ONLY**

**Ratings:**
- 120VAC, 60Hz 600W Incandescent & 150W Dimmable LED & CFL

**INSTALLATION INSTRUCTIONS**

**FEATURES**
- Cat. No. IPS6K and IPV6K have a sensing area of coverage 30” x 30”, and a sensing angle of 180° (see Sensing Area Coverage figure).
- Adjustable time delay and minimum level controls are located on the front of the device (See Adjustment Setting section on page 2 for details).
- Occupancy sensor can be converted to a vacancy sensor (See adjustment settings on page 2).
- LED indicator is used to alert the user of the status of the device.
- Adjustable Time Delay setting to 30 seconds, 5, 15 min & 30 min.
- Adjustable setting for minimum light level.

**LOCATION/MOUNTING**
- **Location:** Not sure which electrical box has the line connection. If the line connection is in the box where the standard 3-way switch is located, use wiring diagram 4B. If the line connection is in the box where the sensor is located, use wiring diagram 4C.
- **Do Not Remove This Label.**

**WARNING:** To avoid fire, shock, or death, turn off power at circuit breaker or fuse and test that the power is off before wiring!
OPERATION
IPVD6/IPS6: Auto On
Lights will automatically turn on when room is occupied or motion is detected. The IPVD6 will switch lights off when no motion is detected in unoccupied room after a set period of time.
Time delay adjustment: refer to section on Adjustment settings. The ON/OFF DIM button push can be used to manually turn the lighting load ON and OFF or to dim it UP and DOWN.
Dimming: Once the load has been turned ON, push and hold the ON/OFF DIM button to dim the lights UP or DOWN. To reverse the dimming direction momentarily release the ON/OFF DIM button, then push and hold it again. Once you achieve the desired light level the dimmer will go into the pre-set dimming level when turning on the load.
Light level adjustment: Refer to section on adjustment settings.
IPVD6: Manual On
Operation requires user to manually turn the lights ON by depressing the ON/OFF DIM pad. Lights will automatically turn OFF when the room is un-occupied for a set period of time.
Time Delay Adjustment: Refer to section on Adjustment settings. Dimming: Once the load has been turned ON, push and hold the ON/OFF DIM button to dim the lights UP or DOWN. To reverse the dimming direction momentarily release the ON/OFF DIM button, then push and hold it again. Once you achieve the desired light level the dimmer will go into the pre-set dimming level when turning on the load.
NOTE: In a 3-way application, the 3-way switch provides the ability to control the lights from two separately controlled locations. The sensor will turn off and switch the load OFF once no motion is longer detected and the timer delay expires.
Locating the LED: LED blinks when motion is detected.
IPVD6: LED blinks when motion is detected and load is ON.
LED will remain illuminated when load is OFF.
Enabling Start Push...
1. Pull the push pad out from the bottom (to activate the air gap switch).
2. Push the push pad gently back into place until the button is pushed too.
3. Keep the button pushed for several seconds.
4. Device will blink led indicator to locate successful programming.
   a. CFL: multi-press to 2 blinks.
   b. LED: Incandescent mode: 1 blink
LOCATION LIGHT STATUS
LOAD IPVD6 IPVD6
ON OFF Blanking Lit
ON Blanking Blanking
LOCATION LIGHT STATUS
NOTE: to operate the IPSD6 as a vacancy sensor (manual ON/Auto OFF), - rotate the light level adjustment auto full counter clockwise.

ADJUSTMENT SETTINGS
1. After replacing the lamp(s), press the Air Gap Switch (push pad) as final return to the original position ensuring it is flush with the surface of the Sensor/Dimmer (Figure B). With power restored and wallplate removed, remove face of device to expose setting controls, see color change instructions in page 1. Use your finger or a small scissor to adjust the light sensitivity and time settings on the device as follows.
2. Check that the sensor/dimmer is set to sit ready to operate.
3. Sensor/Dimmer will return to its pre-set condition and is ready to operate.

SENSING AREA COVERAGE
Field-of-View (Horizontal)

REPLACING LAMPS
The IPS6 and the IPVD6 utilizes an Air Gap isolation feature when replacing a lamp(s) connected to the IPS6 or the IPVD6, for safety.
1. Pull the bottom of the push pad out as shown in the Figure A until it locks into place. This engages the Air Gap, which stops the load from becoming live.
2. After replacing the lamp(s), press the Air Gap Switch (push pad) so that it returns to the original position ensuring it is flush with the surface of the Sensor/Dimmer (Figure B).
3. The Sensor/Dimmer will return to its pre-set condition and is ready to operate.

TROUBLESHOOTING
Lights do not switch ON - IPVD6:
- Motion is being sensed range, move closer to switch.
- Adjust the light level adjustment toward lighter or darker, depending on level of detection.
Lights always stay ON:
- Check time 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 switch is not installed near a heat source (e.g., stove, lights, heat vents) or detecting motion from an adjacent area (e.g., hallway if so, switch may have to be relocated.
Lights do not turn ON - IPVD6:
- Check that switch is installed correctly.
- Check that switch is ON.
- Check that light bulb is functioning.
The LED or CFL bulb flickers or flashes during start up:
- Verify the bulb is marked “dimmable”. This device is intended to operate only dimmable LED and CFL bulbs.
Flickering is observed at low dim level:
- Select LED and CFL bulbs that achieve the same minimum light level of incandescent. Refer to section on adjusting the minimum brightness setting for LED and CFL bulbs.
CFL bulb appears to flicker:
- CFL bulbs may require several minutes of warm up to stabilize the light.
LED or CFL bulbs do not turn on:
- Refer to section on enabling kick start feature for CFL and LED bulbs.
NOTE: If problems continue, consult an electrician.

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LEVIETON LIMITED 5 YEAR WARRANTY AND EXCLUSIONS
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. This warranty applies to both residential and commercial use. The warranty obligation of Leviton will be limited to repairing or replacing the product, if Leviton determines, in its sole discretion, that the product is defective upon inspection, at Leviton's discretion. The warranty period of this product will be for a period of five years from the date of purchase. Leviton's only obligation is to correct such defects by repair or replacement, at its option, and for five year from the purchase date. Leviton reserves the right to establish a return policy, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., 400 Quality Assurance Drive, 260 North Service Road, Melville, New York 11747. This warranty excludes and is disclaimed liability for labor for removal of the product or installation. This warranty is void if the product is installed improperly or in an improper environment, overloaded, misused, protect- ed, or altered in any way. Any alteration of this device may cause the sensor or time/level settings to be altered. This device is 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/television technician for help.
FCC COMPLIANCE STATEMENT
This device complies with Part 15 of the FCC Rules. Operation is subject to following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference which 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 devices 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:
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- Consult the dealer or an experienced radio/television 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.