



Step 6 cont'd Testing your Sensor prior to completely mounting in wall box:

If the Sensor detects motion within 45 seconds after the lights turn OFF, it will turn the lights ON and increase the time-out value by 1.5 times the existing value.

The adapted Time-Out may be reset to the base value by rotating the Time Control to a new time selection value (refer to Control Panel Diagram).

**Time Control Setting:** The fixed Time-Out value is selected by rotating the Time Control dial. There are four (4) values from which to choose. Each mark around the dial corresponds to a different value as indicated below (refer to Control Panel Diagram).

**NOTE:** All time durations are approximate within ±10 seconds.

**Ambient Light Override:** The Ambient Light Override is used to keep the lights OFF if there is already enough natural light in the room. For proper operation, the Ambient Light Override adjustment must be performed when there is enough natural light (refer to the SETTINGS section). If the adjustment is made when there is less natural light, the lights may not turn ON even though they are needed and will require manual activation of the push-buttons to turn the lights ON.

**NOTE:** The ambient light level in the center of a room will be different than the level at the wall where the switch is located.

**Ambient Light Dial:** The ambient light setting is adjusted with the Ambient Light Dial (refer to Control Panel Diagram). Turning the Light Dial fully counter-clockwise (CCW), sets the Sensor to manual ON mode (lights always turn ON) (see following section). All other settings will cause the lights to turn ON only when the light level is less than the setting.

To prevent false low light levels from the user standing in front of the device during adjustment, the Sensor remembers the ambient light level from 1 minute ago.

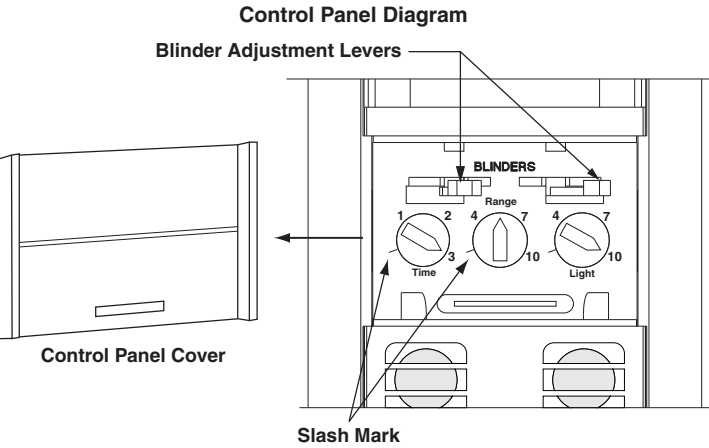
**NOTE:** When the setting is at the minimum CCW level, the lights will stay OFF when the room is dim. When the setting is at the maximum level clockwise (CW), the lights will turn ON when the room is bright.

**Manual ON Mode:** When the light control is in the fully CCW position the lights will never automatically turn ON. In this mode the lights need to be manually turned ON by the push-button, and will turn OFF with the absence of motion. If the light control is in the fully CW position, the lights will turn ON whenever motion is detected, even in full daylight. Intermediate settings will cause the lights to turn ON only when the ambient light is below the level selected by the light control.

**NOTE:** The ambient light in a room will change with the time of day and the season of the year.

**PIR RANGE:** To decrease PIR detection range and sensitivity, rotate the knob CCW (refer to Control Panel Diagram). The detection range can be adjusted from 100% down to 30%.

**ULTRASOUND (US) SENSITIVIY:** US sensitivity can be adjusted to LOW-MEDIUM-HIGH by holding the ON button for 15 seconds. The Amber LED will flash 3 times (per second) for HIGH, 2 times for MEDIUM, and 1 time for LOW. Tapping the ON button during the desired LED flash indication will set the sensitivity. The program times out in 30 seconds from the last button press. The factory setting for the US sensitivity is HIGH.



Step 6 cont'd Adjusting your Sensor Settings:

SETTINGS

**NOTE:** To avoid PERMANENT DAMAGE to the unit, be careful NOT TO OVERTURN or use excessive force when setting the control knobs or levers of Cat No. OSSMT-MDx. Use a small straight blade screwdriver to adjust the knobs and your finger to adjust the blinder levers.

1. Remove Decora® wallplate and Control Panel Cover from Sensor.
2. Rotate the Time dial to select the desired fixed Time-Out value.
3. If the Sensor is installed within 6 feet of an air duct, rotate the Range Control 1/4 turn counter-clock-wise (CCW).
4. **Set the Ambient Light Level - AMBIENT LIGHT:** Cat. No. OSSMT-MDx has an adjustment to determine at what minimum ambient light level the unit will operate. The adjustment should be made when the ambient light is at the level where no artificial light is needed. Follow these steps to make a more accurate adjustment of the light control.

NOTES:

- If Manual-On mode is desired, turn the Lights knob to fully counter-clockwise (CCW) position.
- A.** With the lights ON, rotate the Time Control fully CCW to the set the Time-Out to the thirty (30) second test mode (refer to Control Panel Diagram).
- B.** Rotate the Light Control fully CCW.
- C.** Cover the Sensor Unit with an opaque material, or leave the room and let the Sensor Unit Time-Out and turn the lights OFF.
- D.** Rotate the Light Control clockwise (CW) **SLOWLY**, until the lights turn ON. This is the setting for the current level of light in the room.
- NOTE:** When the light control is in the fully CCW position the lights will never automatically turn ON. This is the Manual-On mode, where the lights need to be manually turned ON by the push-button, and will turn OFF with the absence of motion. If the light control is in the fully CW position, the lights will turn ON whenever motion is detected, even in full daylight. Intermediate settings will cause the lights to turn ON only when the ambient light is below the level selected by the light control.
- NOTE:** The ambient light in a room will change with the time of day and the season of the year.

6. Time-Out Settings:

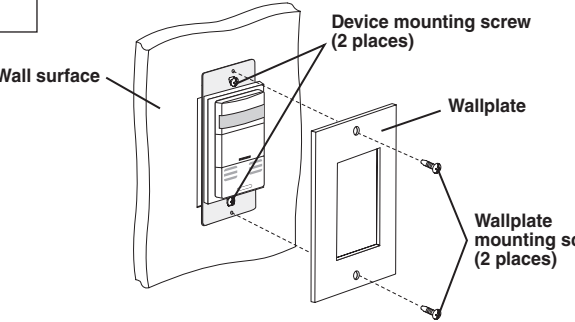
- A.** Adjust the Time dial. The Sensor Amber LED will flash twice each time the Time dial is pointed at a new Time-Out value. The Time-Out values for non-adapting mode are:

Face Marking	Value of Time
(/) Slash Mark	30 second fixed time-out for performing a walk test
1	10 minutes fixed time-out
2	20 minutes fixed time-out
3	30 minutes fixed time-out

**NOTE:** To return to adapting mode, rotate the Time dial to full CW position. Be sure the Time dial is rotated until an Amber LED flash is issued to be sure a new time value was selected. Then return the Time dial to the desired Time-Out setting.

7. If desired, adjust the blinders to block any unwanted motion.
8. Replace the Control Panel Cover and Decora® wallplate.

Step 7 Sensor and Wallplate Mounting:



- Secure device by firmly tightening mounting screws.
- Install Decora® style wallplate (sold separately).

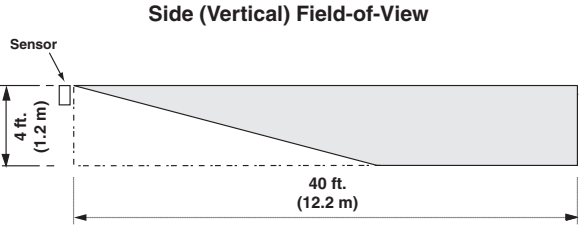
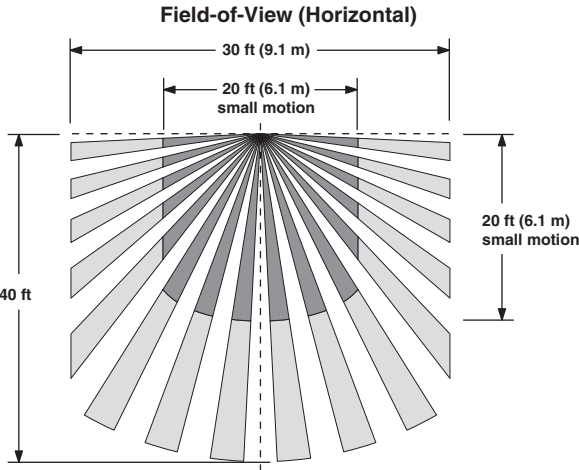
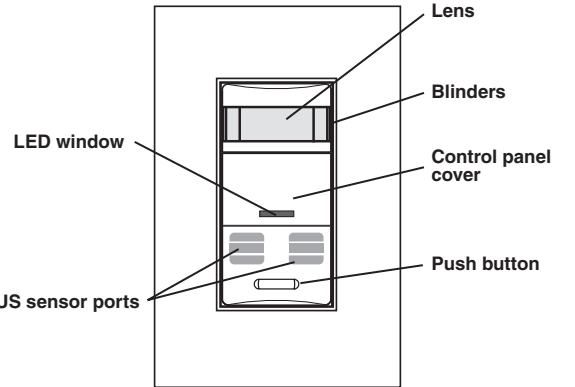
OPERATION

**PUSH-BUTTON:** Cat. No. OSSMT-MDx has a push-button switch that will toggle the lights (refer to Figure). If the lights are OFF, the lights will turn ON when the button is pressed, and remain ON in the presence of motion. In the absence of motion, the Sensor Unit will Time-Out and turn the lights OFF.

If the lights are ON, the lights will turn OFF when the button is pressed. The lights will stay OFF regardless of motion detected, until the Time-Out expires. After the Time-Out expires, the lights will turn ON with the next detected motion. This is useful for slide or film presentations.

NOTES:

- The Motion Indicator LED will blink every 2 seconds while motion is detected.
- In Manual-On mode, the button must be pressed to turn the lights ON. In the absence of motion, the unit will Time-Out and turn the lights OFF.
- If Manual-On mode is desired, keep the Light knob in the fully counter-clockwise (CCW) position.



TROUBLESHOOTING

1. If there is no response from the unit and the LED never blinks or the push button does not activate the lights 1 1/2 minutes after power is applied, then uninstall device and verify wiring (Step 4).
2. If the lights constantly stay ON, even when the room is unoccupied:
  - A.** Check the Time setting. See how this time compares to how long the lights stay ON.
  - B.** Try lowering the Range Control. Rotate the knob counter-clockwise about 30°.
  - C.** If the problem persists, try reducing again. Note: Do Not reduce so much that Cat. No. OSSMT-MDx cannot see normal occupancy.
  - D.** Be sure to use the Blinders to block any unwanted hallway traffic.
  - E.** Check for reflected heat/motion as Sensor Unit may be seeing motion through a window.
  - F.** Check for adjacent HVAC and/or heater ducts.

PRODUCT INFORMATION

- For technical assistance contact us at **1-800-824-3005**
- Visit our website at **www.leviton.com**

FCC COMPLIANCE STATEMENT

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 an 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.

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 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, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to **Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591**. 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.