

# SENSORS & REMOTE SWITCH

## INSTALLATION INSTRUCTIONS

LS1400

SS1200

VSC1300

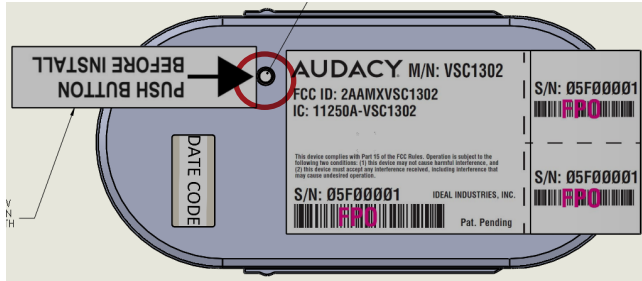
VSC1301

VSC1302

VSW1300

HBS1302

Audacy sensors and switches communicate wirelessly and are powered by a 25-year maintenance-free battery and therefore no wiring is required. Motion Sensors are used for detecting occupancy/vacancy, Light Sensors are used for daylight harvesting and Remote Switches provide the flexibility to move the switch around within the space being controlled.



**1. The sensor/switch must be activated by pressing a small button underneath the label on the back side of the sensor. The label may be covering the button.**

- This can be accomplished by using a small/precision screwdriver, the screw that is included with the sensor, or similar object to push through the label and depress the switch.
2. Remove one of the labels with the unique serial number and attach it to the Device Tracking Form included in the Appendix of the User Manual or a Reflective Ceiling Plan to record the location of each device.
- If the tear away labels are missing, please write down the serial number of the device in a safe place.
  - These serial numbers are required in order to have a complete Audacy operating system.

### FOR MOTION SENSORS ONLY (VSW1300, VSC1300, VSC1301, VSC1302, HBS1302)

1. Find a suitable location for the sensor based on the specifications shown on the layout if available, but please note that sensors will need to be adjusted based on the space. For more specifics, refer to the sensor coverage patterns on the device data sheets and the User Manual.
2. Mount the cradle in the desired location via screws, ceiling tile wire (included for ceiling-mount devices VSC1300, VSC1301, VSC1302 and HBS1302) or double-sided tape.
3. Insert the sensor into the cradle.
  - If desired, the sensor can be more securely fastened to the cradle by aligning the holes on the sensor and cradle and inserting the screw provided through the cradle and into the sensor.



No Screw, No Cradle



No Screw, Cradle



Screw, Cradle

For optimal performance:

- Make sure the sensor has a line of sight to the occupant in the space.
- See device data sheets for recommended coverage patterns for each device.

**Note:** When the sensor hasn't detected motion for the time specified in "vacancy timeout" the lights will flash 60 seconds prior to turning off as a warning.

\* The SS1200 Remote Switch is an Extension Unit of the SCD1000EMUK Luminaire Controller.

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### PHYSICAL INSTALLATION OF CEILING-MOUNT MOTION SENSORS

VSC1300

VSC1301

VSC1302

HBS1302

**Note:** Installation optimal for typical drop-ceiling grids or ceilings enabling installer to poke metal/plastic through ceiling with minimal effort.

**Note:** Do not install sensors onto any metal object (i.e. fixtures, luminaires, light posts, etc.).

1. Locate cradle, metal wire pin and plastic wire separator found in packaging.
2. Pick desired location on ceiling to mount sensor and place the back of the cradle on the side of the ceiling visible to the occupants below.
3. Press the metal wire pin into the two holes located in the middle of the cradle and poke through ceiling.
4. From the side of the ceiling not visible to the occupants, slide the plastic wire separator completely down so that it connects to the base of the ceiling and twist the two wires until taught.
5. Place the Ceiling-Mount Sensor back into the cradle.



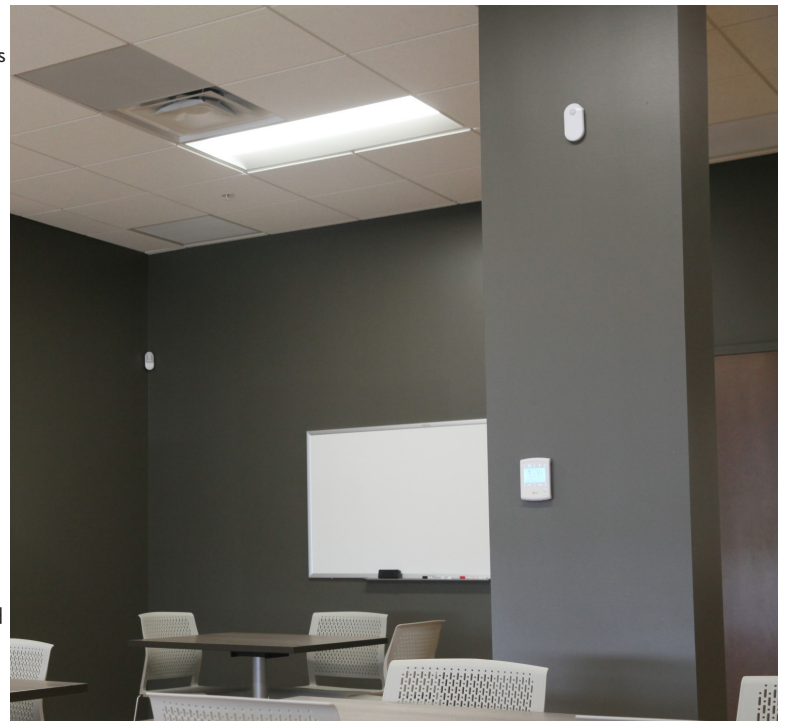
### SELECTING LIGHT SENSOR DAYLIGHT HARVESTING SET POINTS

LS1400

1. Mount the Light Sensor in cradle in desired location according to instructions on page 1 before adjusting any Daylight Harvesting settings.

**Note:** The sensor should be positioned so it is receiving light from both the outside and the fixture(s) but avoid a location where the sun will shine directly on it. The location can be either on a wall or a ceiling but has to be whichever location best captures both light sources. When mounted on the ceiling, it is preferred to mount the Light Sensor over the work space when possible.

2. Using a light meter, set the dim level of the fixtures to achieve the desired light level for the space. This should be done without any outside light contribution and is best accomplished at night.
3. Wait a minimum of 3 minutes after changing the dim level to allow for the Light Sensor to adjust to the change in light level before proceeding with the next step.
4. Record the light level that is reported from the Light Sensor. This will be the low end set point.
5. The high end set point will require some trial and error to achieve the desired functionality in the space. It is recommended to set the high end set point at 150% of the low end set point to start.



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