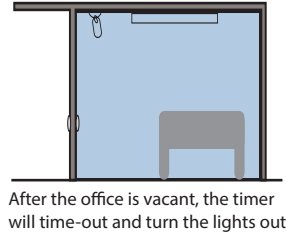
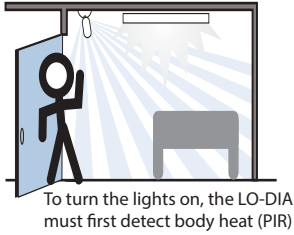


# LIGHTOWL

## LightOWL® Dual Technology Passive Infrared and Acoustic Sensors (LODIA) INSTALLATION INSTRUCTIONS

### HOW PASSIVE ACOUSTIC WORKS



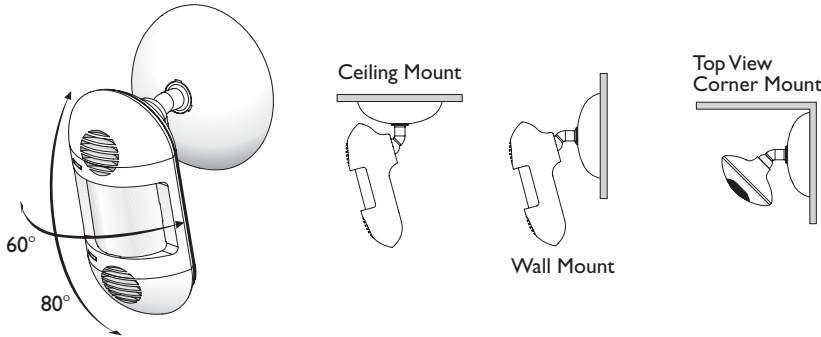
### Sensing Methods:

PIR: Detects body heat through Fresnel™ lens.

Acoustic: Detects common office sounds through small microphones.

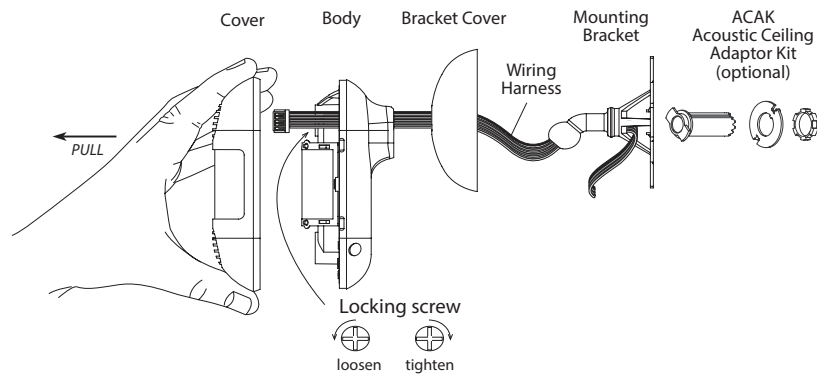
\*Note: Microphone is only used as signal level device - no voices can be recorded.

### INSTALLATION OPTIONS



### TROUBLESHOOTING

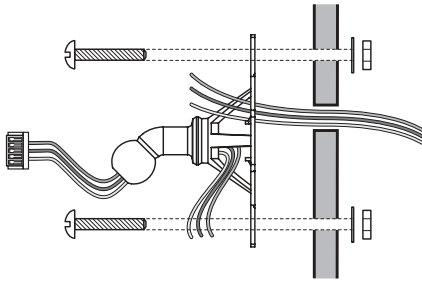
PROBLEM	POSSIBLE CAUSE	TEST	RESULT
Lights stay off	Bad low voltage wiring	Connect red to blue wire at power pack	Force lights on
Lights stay off	Bad high voltage wiring	Connect red to red (relay wires)	Force lights on
Lights stay on	Constant noise	Reduce red knob by 15%; remove noise source	Move sensor
Lights on too long	Timer setting too high	Check switch settings	Typical setting is 8 minutes
Hallway traffic turns lights on	Infrared sensor can "see" into hallway	Put in timer test mode and walk hallway	Move sensor



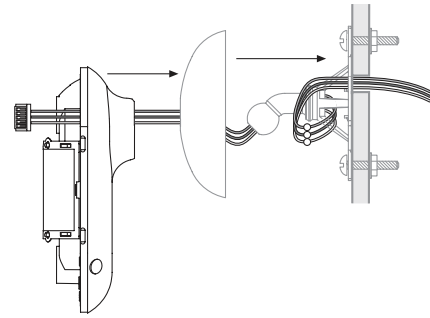
72-00187, Rev. C

# LIGHTOWL

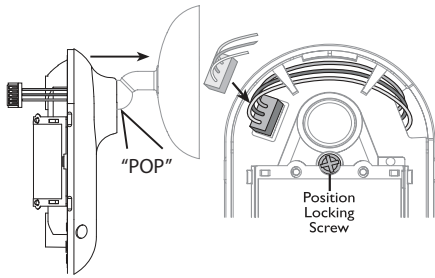
## LightOWL® Dual Technology Passive Infrared and Acoustic Sensors (LODIA) INSTALLATION INSTRUCTIONS



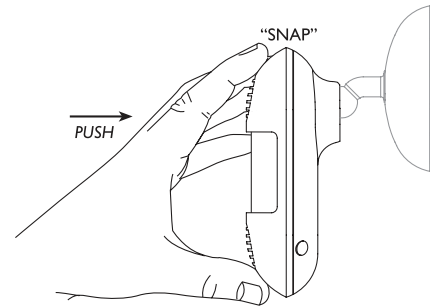
1. Insert wiring through bracket legs. Secure bracket to wall or ceiling. Refer to "Installation Options."



2. Connect building wiring to wiring harness with wire nuts. Snap bracket cover in place to conceal wiring and bracket. Feed wiring harness through the back of the sensor body and out exit slot.

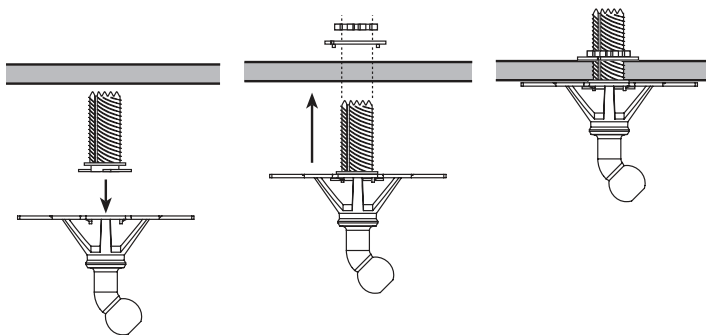


3. Snap sensor onto mounting post. Plug wiring harness into connector located on the left side opposite exit slot and place wiring under wire tabs. Align sensor and tighten adjustment screw.



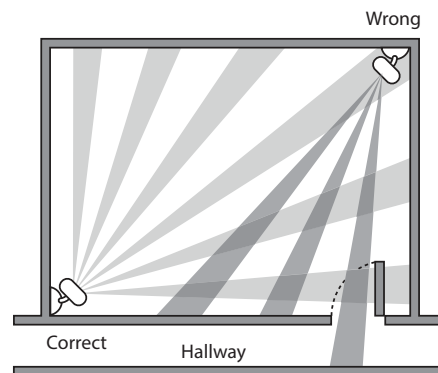
4. Replace sensor cover.

### ACAK INSTALLATION (OPTIONAL)



Insert ACAK into mounting bracket and twist clockwise 90° to lock into place. Screw bracket and self-cutting AKAC into ceiling tile and secure with washer and nut.

### SENSOR PLACEMENT



When placing the sensor in a room, do not place where the sensor is aimed out through a door. The sensor can detect hallway traffic, forcing lights-on.

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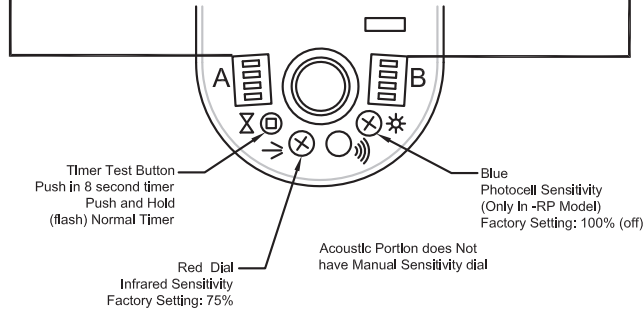
# LIGHTOWL

## LightOWL® Dual Technology Passive Infrared and Acoustic Sensors (LODIA) INSTALLATION INSTRUCTIONS

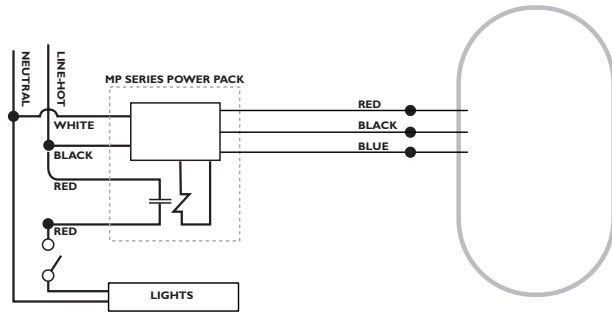
### CONTROLS

	OFF	ON
1	AUTO	MANUAL LIGHTS ON
2	NOT USED	NOT USED
3	LED ON (NORMAL)	LED OFF
4	TOGGLE ON THEN OFF TO RESET LEARNED SETTINGS	

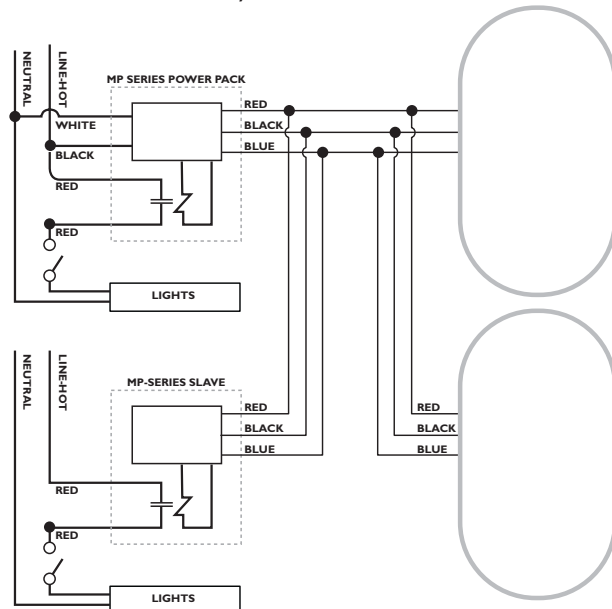
	OFF		ON	
1	OFF 8	OFF 4	ON 15	ON 30
2	OFF MIN.	ON MIN.	OFF MIN.	ON MIN.
3	AUTO TIMER ADJUST ON		AUTO TIMER OFF	
4	AUTO SENSITIVITY ON		AUTO SENSITIVITY OFF	



### WIRING: SINGLE SENSOR, SINGLE POWER PACK



### WIRING: SINGLE SENSOR, MULTIPLE POWER PACK



Note: One MP-Voltage Series Power Pack will supply 3 of any unit, 3 sensors, 2 sensors and 1 auxiliary or any combination.

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