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## VOLT MOTION4-PBK Motion Sense Inline Sensor



## Product Information

### Specifications:

- **Power Supply:** Transformer rated maximum of 300 watts (25 AMPS) at 15 volts
- **Output Power:** Maximum of 50 watts
- **Installation:** Outdoor use only, must be mounted at least 12 inches (30cm) above ground
- **Wiring:** Suitable for outdoor use, shallow burial less than 6 inches (152 mm)
- **Package Contents:** 1 Microwave motion sensor
- **Parts Required (Sold Separately):** 1 Mounting Accessory
- **Product Dimensions:** 3.62 x 2.2 x 3.62 inches

## Product Usage Instructions

### Adjust Sensor Settings:

1. Remove the plastic cover from the switch on top of the sensor using a screwdriver.
2. Adjust sensor settings by setting the Sensor switch, Time switch (5, 10, or 15 minutes), and Range switch (15ft or 25ft).
3. Replace the plastic cover and secure with screws.

### Connect One Fixture to the Sensor:

1. Thread the stake onto the bottom center of the microwave motion sensor.

2. Pass the supply wire from the fixture through the sensor with the stake.
3. Thread the fixture onto the top center of the sensor.
4. Insert the stake into the desired location until flush with the ground.
5. Make wire connections between the fixture and sensor as per instructions.

VOLT® MotionSense Inline Sensor

**ITEM:** VAC-MOTION4-PBK

## **IMPORTANT: PLEASE READ BEFORE INSTALLATION**

This microwave motion sensor is intended for installation in accordance with local codes and the National Electric Code (NEC). Failure to adhere to these codes and instructions may result in serious injury, property damage and void the warranty.

These instructions do not intend to cover all variations in installation, operation maintenance or mounting situations.

1. Make sure that the power is turned OFF before installing or servicing this luminaire.
2. **WARNING:** risk of electrical shock. Install the microwave motion sensor 10 feet (3.05M) or more from pool, spa or fountain.
3. This microwave motion sensor is intended to be used only with a power supply (transformer) rated maximum of 300 watts (25 AMPS) at 15 volts.
4. The output of the microwave motion sensor is rated maximum of 50 watts. Do NOT exceed it when connecting landscape lightings.
5. The microwave motion sensor is for outdoor use only. Always cover the switches when finishing the settings.
6. The microwave motion sensor is for outdoor use only. It must be mounted at least 12" (30cm) above ground in order to be cUL compliant.
7. Wiring connections must be made with wire connectors that are suitable for outdoor use.
8. The main low voltage cable is intended for shallow burial – less than 6 inches (152 mm).

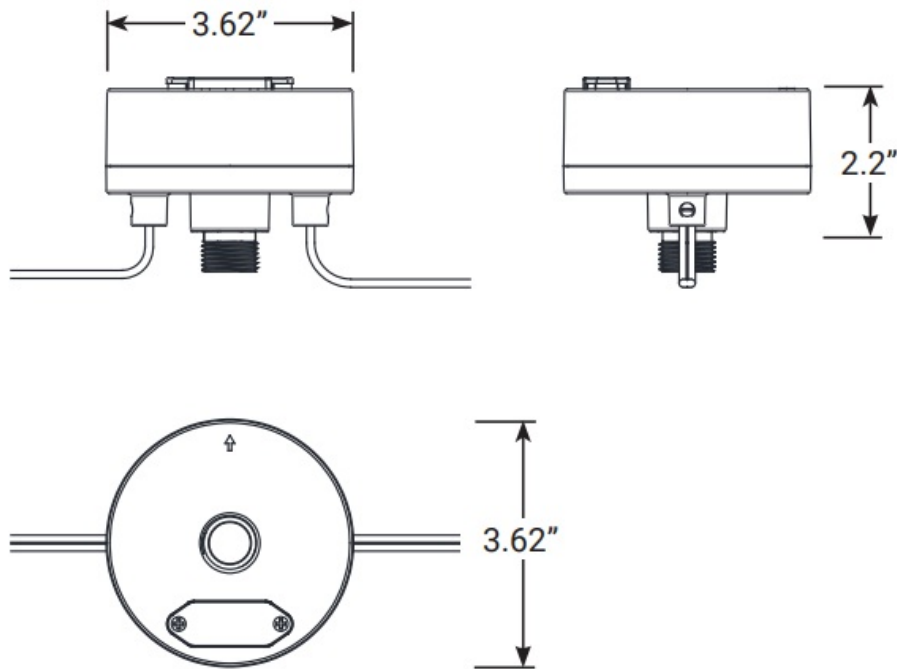
## **PACKAGE CONTENTS**

- A. (1) Microwave motion sensor

## PARTS REQUIRED (SOLD SEPARATELY)

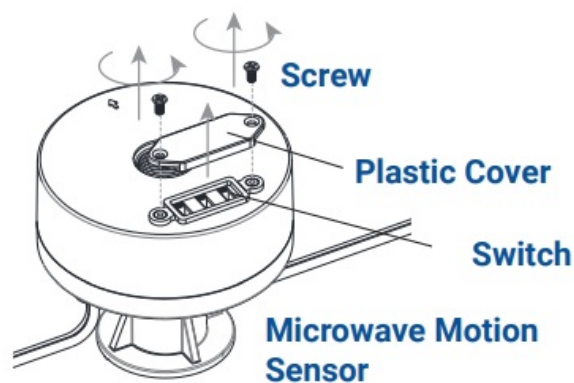
- A. (1) Mounting Accessory

## PRODUCT DIMENSION



## ADJUST SENSOR SETTINGS

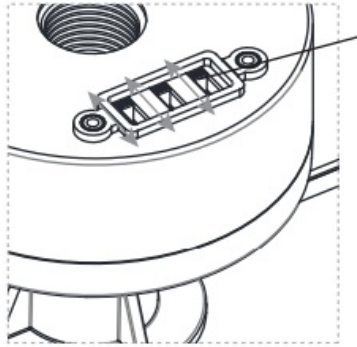
### REMOVE PLASTIC COVER



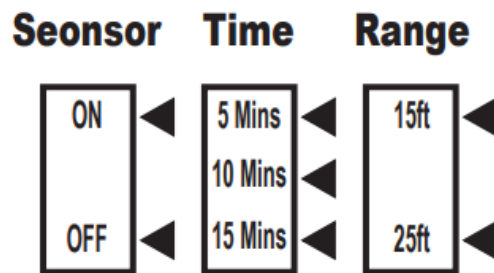
Using a screwdriver, remove the plastic cover from the switch on top of the sensor.

## ADJUST SENSOR SETTINGS

**Microwave  
Motion Sensor**



**Switch**



### **Parameters Locations:**

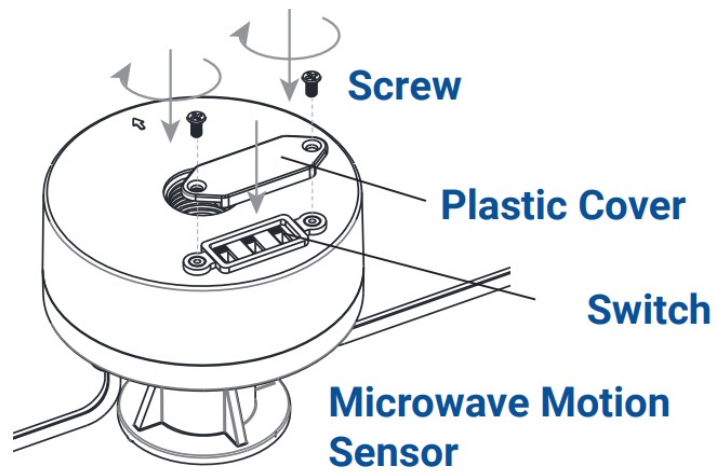
1. Inside of the plastic cover.
2. On the bottom of the sensor.

There are three switches to set, the sensor, time and range.

1. The “Sensor” switch: To turn ON and OFF the sensor.
2. The “Time” switch: To set how long the sensor stays on. Choose 5, 10 or 15 minutes.
3. The “Range” switch: To set up the detective range. When the sensor is ON and the movement is detected in the selected range of 15ft or 25ft, the fixture will turn on.

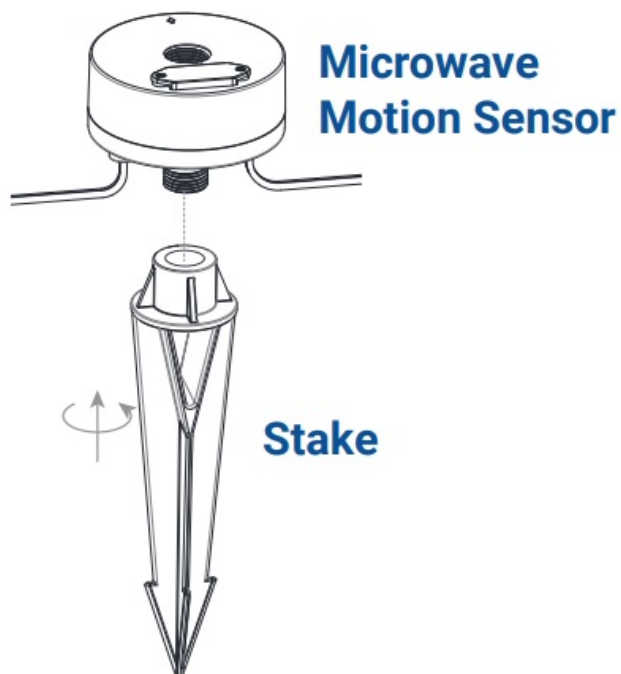
### **INSTALL PLASTIC COVER**

Place the plastic cover back on top of the switches and secure with the previously removed screws.



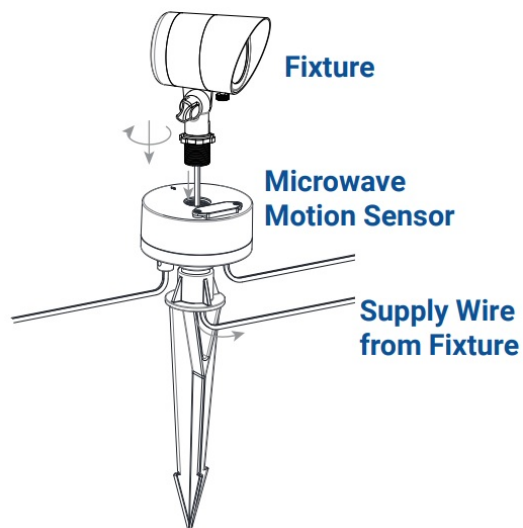
**CONNECT ONE FIXTURE TO THE SENSOR**

**INSTALL STAKE TO THE SENSOR**



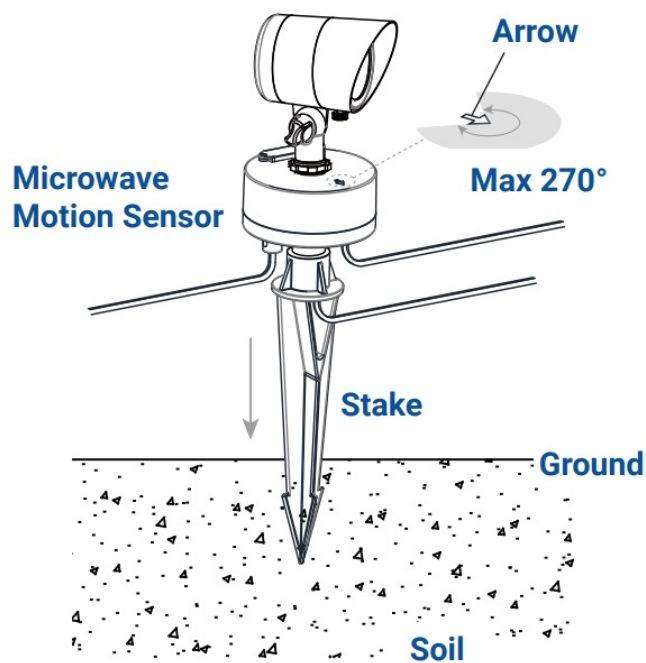
Thread the stake on to the bottom center of the microwave motion sensor.

**INSTALL LIGHT TO THE SENSOR**



Pass the supply wire from the fixture through the microwave motion sensor with the stake. Thread the fixture onto the top center of the sensor.

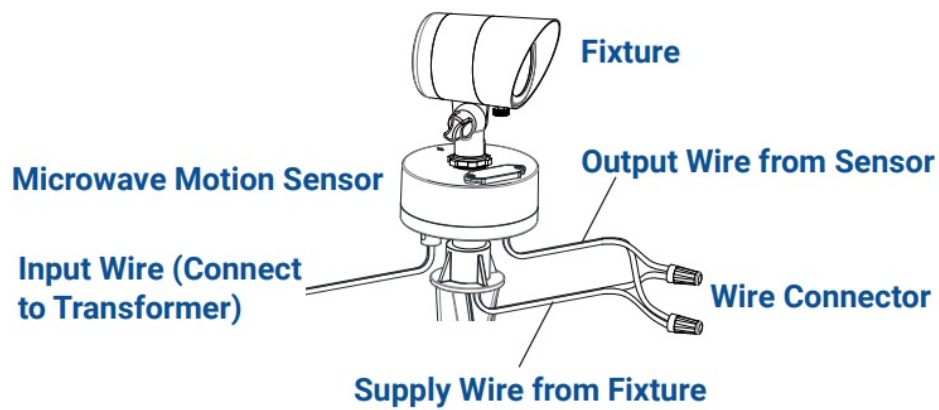
## INSERT STAKE



Aim the arrow on the microwave motion sensor to the desired detective area. The maximum detective range is 270°.

Insert the stake into the desired location until the flange of the stake is flush to the ground.

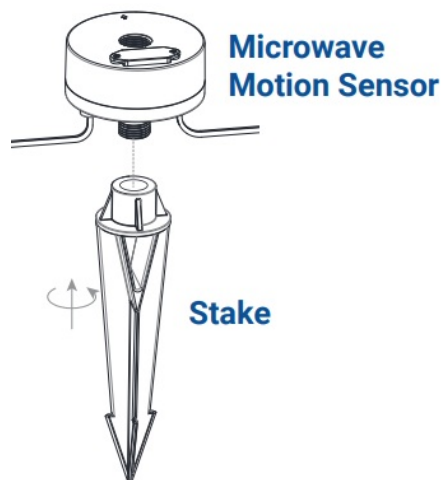
## WIRE CONNECTION



1. Strip both leads from fixture wires and output wires from microwave motion sensor.  
Using two UL listed wire connectors (not provided), connect leads from fixture wires to the output wires from the sensor.
2. Connect the input wires to the transformer.

## **CONNECT MULTIPLE FIXTURES TO THE SENSOR**

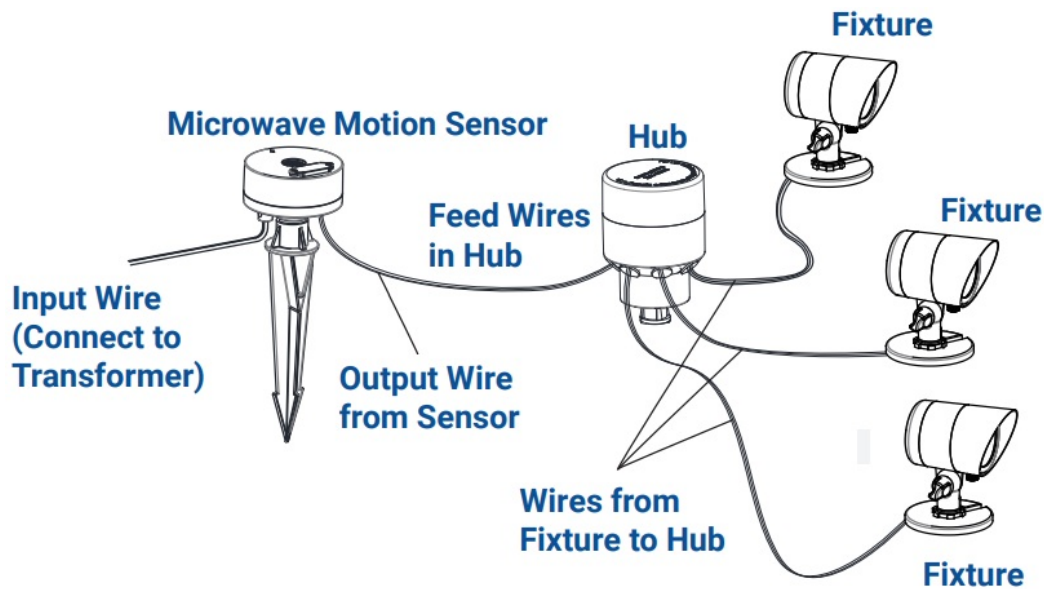
### **INSTALL STAKE TO THE SENSOR**



Thread the stake onto the bottom center of the microwave motion sensor.

### **FEED OUTPUT WIRE FROM SENSOR IN HUB**





1. Place the microwave motion sensor near the hub that is used to connect multiple fixtures. Feed the output wires from the sensor in the hub.
2. Connect the input wires to the transformer.

1-[813-978-3700](tel:813-978-3700) • Mon-Fri 8am-8pm • Sat-Sun 10am – 6pm (EST)

Specifications and product details subject to change without notice.

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[www.voltlighting.com](http://www.voltlighting.com)

## FAQ

**Q: Can the microwave motion sensor be used indoors?**

**A:** No, the microwave motion sensor is intended for outdoor use only.

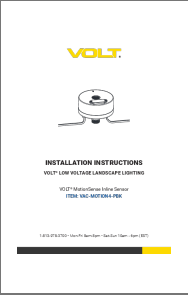
**Q: What is the maximum output power of the sensor?**

**A:** The maximum output power of the microwave motion sensor is 50 watts.

**Q: How far should the microwave motion sensor be mounted above ground?**

**A:** The sensor must be mounted at least 12 inches (30cm) above ground to be cUL compliant.

# Documents / Resources

	<a href="#">VOLT MOTION4-PBK Motion Sense Inline Sensor [pdf]</a> Instruction Manua   MOTION4-PBK Motion Sense Inline Sensor, MOTION4-PBK, Motion Sens e Inline Sensor, Sense Inline Sensor, Inline Sensor, Sensor
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## References

- [User Manual](#)

📁 VOLT

🔍 INLINE SENSOR, Motion Sense Inline Sensor, MOTION4-PBK, MOTION4-PBK Motion Sense Inline Sensor, Sense Inline Sensor, Sensor, VOLT

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