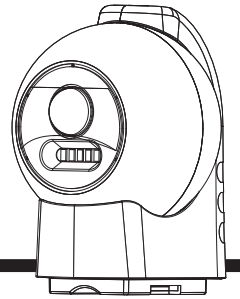


# MOTION-ACTIVATED OUTDOOR LIGHT

Model #s 40230, 40231

ASSEMBLY AND INSTRUCTION GUIDE



## New - Linked Light Feature!

When one light turns on, all linked lights can light up!

To link your lights:

- Locate the 4 dipswitches (they are on a red background) and are visible when installing the batteries.
- Keep the dipswitches on all your lights in the same orientation. This way each light signals the others to turn on. The lights must be no more than 100 feet apart.
- If you do not want this feature, please set the dipswitches to be different on each unit.
- You can use your finger, a screwdriver or a knife to change the dipswitch settings. Also, if your units turn on by themselves i.e. no motion triggered the lights, try a different dip switch setting.

## ABOUT YOUR MOTION-ACTIVATED OUTDOOR LIGHT

The *Motion-Activated Outdoor Light* is perfect for doors, steps, porches, decks, sheds, and other outdoor areas. It can also be used indoors in closets, bathrooms, hallways, basements, and attics.

The *Motion-Activated Outdoor Light* has a built-in motion sensor, which automatically turns on the light when movement of a heat source (such as people, animals, or cars) is detected in the area. The light remains on while motion continues to be detected in the area.

The *Motion-Activated Outdoor Light* also has a built-in photosensor so that the light only turns on at night.

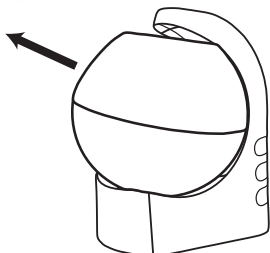
The *Motion-Activated Outdoor Light* may function irregularly or not at all at temperatures near or below freezing (32° F/0° C). Normal operation will return when the temperature rises.

The *Motion-Activated Outdoor Light* requires 4 C cell batteries (not included). The batteries typically last up to 1 year under normal use.

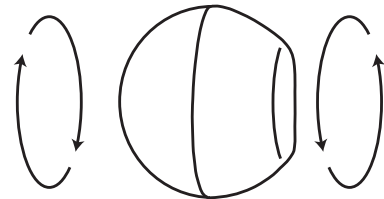
The 5 super bright LEDs in the *Motion-Activated Outdoor Light* have an estimated life of 30,000 hours so they should never need changing.

## BATTERY INSTALLATION

1. The *Motion-Activated Outdoor Light* requires 4 C cell batteries (not included).
2. To access the battery compartment, remove the *Motion-Activated Outdoor Light* from the base by turning the flat end of the light towards the top of the bracket and gently pulling the light out of the base.

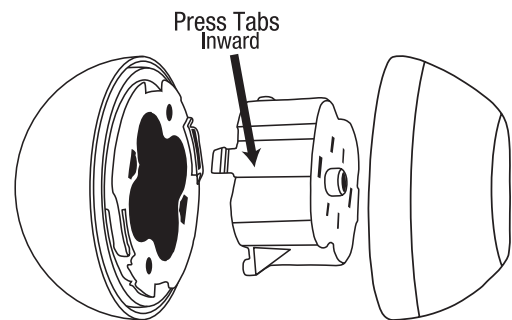


3. Gently twist the front and the back halves of the light in opposite directions to open.

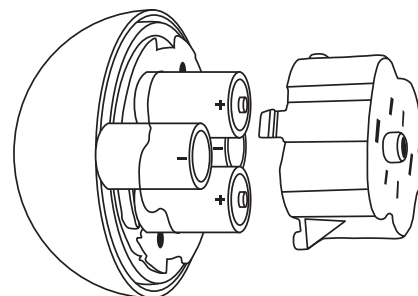


## BATTERY INSTALLATION (CONTINUED)

4. Remove the battery compartment cover by squeezing the two tabs on the cover inward.

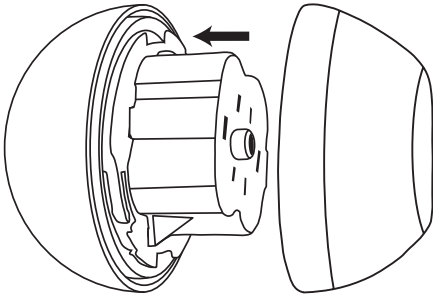


5. Install the 4 C cell batteries in the proper +/- polarity orientation as shown in the illustration. The positive ends of the batteries should face the low battery contacts and the negative ends of the batteries should face the elevated spring terminals in the battery compartment.



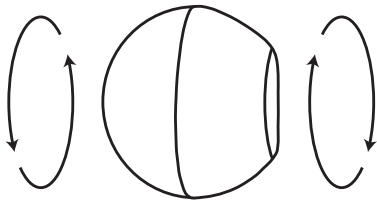
NOTE: This product performs a test light when the batteries are first installed. It will activated as soon as the batteries are installed, regardless of motion or lighting conditions. This is a test to show power is getting to the LEDs and will last approximately 30 seconds. Afterwards, it will function as intended.

- Reinstall the battery compartment cover by aligning the tabs and pressing the battery compartment cover into the front half of the *Motion-Activated Outdoor Light* until the battery compartment cover clicks into place.



### BATTERY INSTALLATION (CONTINUED)

- Reassemble the *Motion-Activated Outdoor Light* by aligning the tabs on both halves and twisting the two halves back together tightly to ensure a weatherproof seal.



Note: If your *Motion-Activated Outdoor Light* does not turn on after battery installation:

- Make sure the batteries have been inserted matching the correct + / - polarity orientation and are making secure contact with the terminals.
- Make sure you are testing the *Motion-Activated Outdoor Light* in a dark area since the light will only turn on at night.

### CHOOSING A LOCATION

The selected location should not be near light sources such as street or porch lighting as these may cause the *Motion-Activated Outdoor Light* to turn off automatically. The *Motion-Activated Outdoor Light* should also be installed away from heaters, air conditioners, barbecues, vents, and large reflective surfaces such as swimming pools and jacuzzis, and white walls. To avoid damage to some components do not aim the sensor towards the sun.

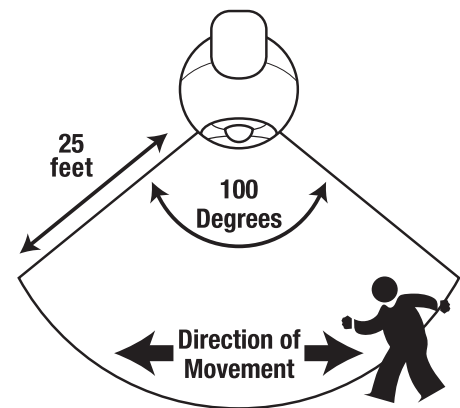
You should also install the *Motion-Activated Outdoor Light* at least 25 feet away from the street since passing cars might activate the light.



Ideally, the *Motion-Activated Outdoor Light* should be mounted 6 to 8 feet (1.8 to 2.5 meters) above the detection area.

### CHOOSING A LOCATION (CONTINUED)

The motion sensor has a detection area of about 25 feet (7 meters) within a 100 degree angle of the sensor. The sensor is more sensitive to movement across the detection area than movement directly towards or away from the sensor.

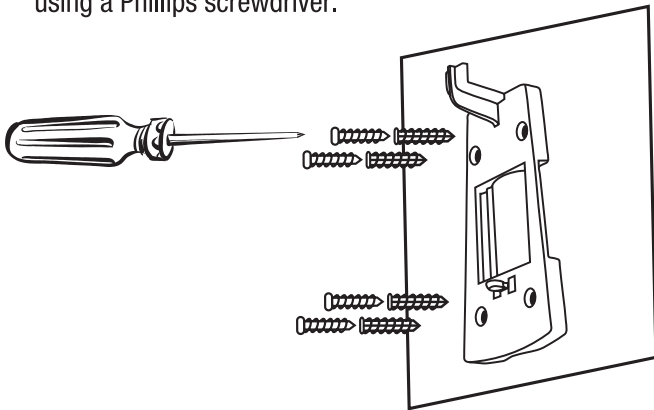


At night, the LED lights will remain on for 10 seconds after the last detected movement. If a movement is detected while the lights are on, the light duration will be reset and remain on for another 10 seconds.

## INSTALLING THE MOUNTING BRACKET

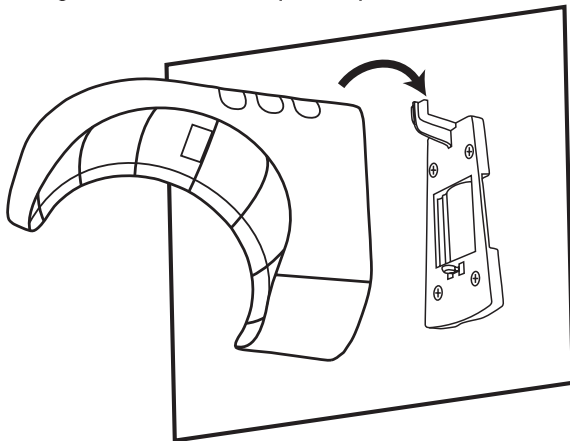
The included mounting bracket can be used to mount the *Motion-Activated Outdoor Light* securely to a wall or other stable surface.

1. Remove the mounting bracket from the bottom of the base by removing the anti-slip rubber piece and pulling on the wider end of the bracket.
2. Place the anti-slip rubber between the mounting bracket and the wall.
3. If you are mounting the bracket on a very hard surface, you may need to drill holes for the screws first. The included screw anchors can be used for drywall, cement, brick, or similar surfaces.
4. Align the mounting bracket and install the four screws using a Phillips screwdriver.

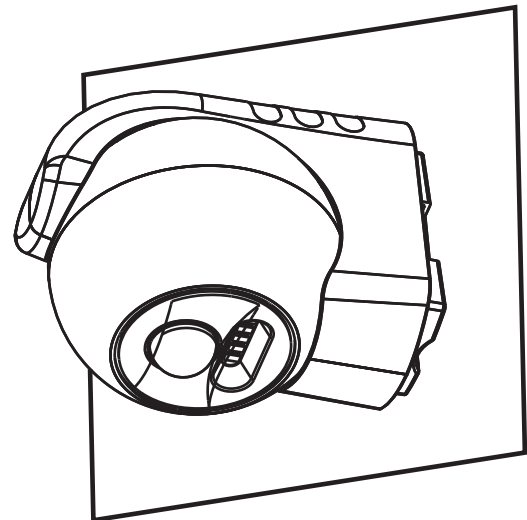
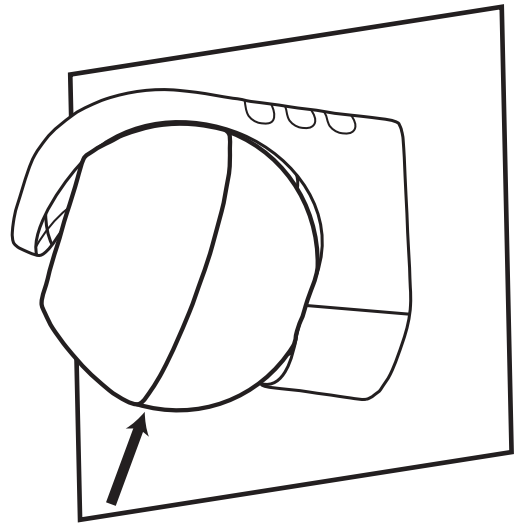


## MOUNTING THE LIGHT

1. Align the hook on the mounting bracket into the slot on the back of the base and press the base onto the mounting bracket until it snaps into place.



2. Gently press the Motion-Activated Outdoor Light into the base and aim the sensor and light in the desired direction.



## SPECIFICATIONS

**Batteries Required:** 4 C cell alkaline, Ni-MH, or Ni-Cd

**Voltage:** 6V DC

**Light Duration:** 10 ± 2 seconds

**Detection Angle:** 100° (cone)

**Maximum Detection Distance:** 25 feet (7 meters)

**Weatherproof Rating:** IP44

**Lumens:** 200

**FCC Part 15 ID:** 2A6LQALRB05A-1

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Light does not turn on when there is movement in the detecton area.	<ol style="list-style-type: none"> <li>1. Batteries are old.</li> <li>2. Nearby lighting is too bright.</li> <li>3. The sensor is facing the wrong direction.</li> <li>4. The battery tray coils have oxidized.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the batteries.</li> <li>2. Redirect the sensor or install the <i>Motion-Activated Outdoor Light</i> in a different location, away from other lighting.</li> <li>3. Aim the sensor toward the desired detection area.</li> <li>4. Use sandpaper or other rough surface to lightly sand the coils, then re-insert the batteries.</li> </ol>
Light turns on for no apparent reason (false trigger).	<ol style="list-style-type: none"> <li>1. Heat sources such as air conditioners, vents, barbecues, other outside lighting, or moving cars are false triggering the motion sensor.</li> <li>2. Pets or other animals are false triggering the motion sensor.</li> <li>3. Reflections from swimming pools, jacuzzis, white walls, or other large reflective surfaces are false triggering the motion sensor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Install the <i>Motion-Activated Outdoor Light</i> away from the sources of interference.</li> <li>2. Redirecting the sensor may help.</li> <li>3. Redirect the sensor or install the <i>Motion-Activated Outdoor Light</i> away from the sources of reflections.</li> </ol>
Light turns on during daylight hours.	<ol style="list-style-type: none"> <li>1. A roof, wall, tree, or other object is casting a shadow on the sensor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Redirect the sensor or install the <i>Motion-Activated Outdoor Light</i> in a non-shaded location.</li> </ol>

## NINETY (90) DAY LIMITED WARRANTY

MAXSA Innovations, LLC warrants to the original consumer/purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for a period of ninety (90) days from the date of original purchase for use. When the original consumer/purchaser returns the product pre-paid (consumer pays return shipping) to MAXSA Innovations, LLC, 8412 Cathedral Forest Dr; Fairfax Station, VA 22039; USA within the warranty period, and if the product is defective, MAXSA Innovations, LLC will at its option repair or replace such. This warranty shall constitute the sole liability of MAXSA Innovations, LLC concerning the product. Innovations, LLC expressly disclaims all other warranties INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM, OR COPORATION IS AUTHORIZED TO ASSUME FOR MAXSA Innovations, LLC ANY OTHER LIABILITY IN CONNECTION WITH THE SALE AND USE OF THE PRODUCT. MAXSA Innovations, LLC and agents and distributors will bear no liability whatsoever for incidental or consequential damages or charges of any kind. Some states do not allow the reclusion or limitation of incidental or consequential damages, so the above disclaimer regarding incidental or consequential damages may not apply to you. This warranty is void if the product has been damaged or tampered with or if the product or any such parts have been opened. In all cases of damage during shipment, a claim must be filed with the shipping carrier and not with MAXSA Innovations, LLC. This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: 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 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 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.



MAXSA Innovations, LLC  
 8412 Cathedral Forest Drive  
 Fairfax Station, VA 22039  
 Tel: 703-495-0661  
[www.maxsainnovations.com](http://www.maxsainnovations.com)

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