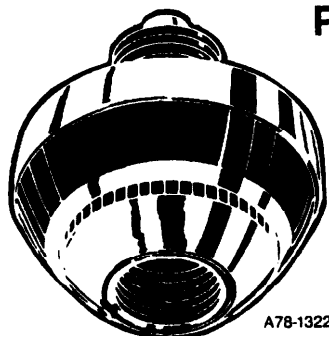


First Alert™

MODEL
PIR 720R



Motion Sensing Hands Free Socket

USER'S MANUAL

Patents Pending

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WARRANTY

First Alert warrants its enclosed Motion Sensor to be free from defects in materials and workmanship under normal use and service for a period of three years from date of purchase. First Alert makes no other express warranty for this Motion Sensor. No agent, representative, dealer, or employee of the Company has the authority to increase or alter the obligations or limitations of this Warranty. The Company's obligation of this Warranty shall be limited to the repair or replacement of any part of the detector which is found to be defective in materials or workmanship under normal use and service during the three year period commencing with the date of purchase. Units in need of repair should be returned, shipping prepaid, to Customer Service Department, First Alert, 780 McClure Road, Aurora, IL 60504-2495, USA. The Company shall not be obligated to repair or replace units which are found to be in need of repair because of damage, unreasonable use, modifications, or alterations occurring after the date of purchase. This Warranty does not cover fixtures or light bulbs not included with this product.

The duration of any Implied Warranty, including that of merchantability or fitness for any particular purpose, shall be limited to the period of three years commencing with the date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no case shall the Company be liable for any consequential or incidental damages for breach of this or any other Warranty, expressed or implied whatsoever, even if the loss or damage is caused by the Company's negligence or fault. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Rev.

3/93

M05-0751-000

IMPORTANT

PLEASE READ CAREFULLY AND SAVE

This manual contains important information about the installation and operation of this motion sensor. Purchasers who install this motion sensor for use by others must leave this manual or a copy of it with the user.

The First Alert Motion Sensing Hands Free Socket senses your approach and automatically turns on the light. The light remains on as long as the motion sensor detects activity in the room, turning the light off approximately 4 minutes after you leave the area.

The motion sensor is ideal for walk-in closets, laundry room, utility room or basement. It offers the convenience of automatic lighting where you might otherwise have to search for a wall switch or pull string.

Use the motion sensor in any area or room that is equipped with a **ceiling-mounted, bare bulb light socket**.

CAUTION The motion sensor is not designed for use with an enclosed or shaded bulb of any kind. Use only with **ceiling-mounted, bare bulb light socket**.

SPECIAL FEATURES

Motion Sensor detects motion in all directions—approximately 360°.

Motion Sensor senses activity to a distance of 15 feet (when mounted at a height of 8 feet above the floor).

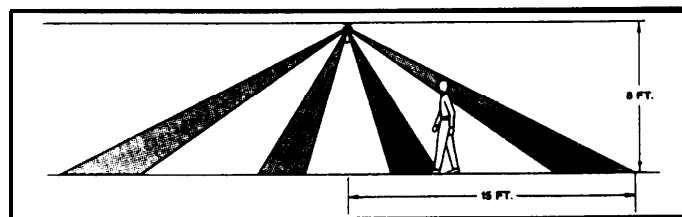
Motion Sensor turns the light off automatically approximately 4 minutes after movement in the area stops.

Motion Sensor works in full daylight, in darkness, and at any light level in between.

Motion Sensor uses a standard 25 to 100 watt incandescent bulb.

WHERE TO MOUNT YOUR MOTION SENSOR

Be sure the socket you select is at least 12 inches from any wall or door. Choose any **ceiling-mounted, bare bulb light socket**. Mounted at a height of 8 feet, the motion sensor will sense the approach of a person five feet tall at a distance of 15 feet. If you mount your motion sensor higher than 8 feet, it will "see" somewhat farther. If you mount it lower, it will not "see" quite as far. Do not mount your motion sensor higher than 10 feet from the floor.



LIMITATIONS OF MOTION SENSORS

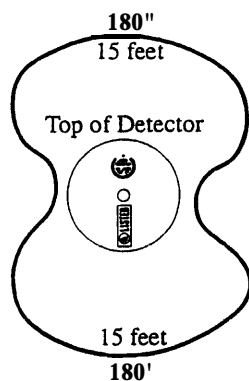
This motion sensor is for indoor use only.

Motion detection devices require power to function properly. If AC power to a motion detector is cut off, it will not work.

This motion sensor device is NOT intended to serve as a safety or security device. It is designed for convenience only.

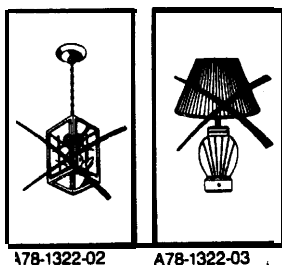
This device will not work properly if the socket to which it is connected is defective or if the bulb is burned out. This device will not work properly if it is used with anything other than a ceiling-mounted, bare bulb light socket. Although the device detects changes in temperature, it is not intended to be used as a heat and/or fire detector. Consult NFPA Standard 74 for residential smoke detection and fire protection guidelines.

Although this motion sensor detects motion 360°, the unit responds more effectively at each 180° point. (See figure below.) The 180° points are marked on the top of the unit with UL and CSA imprints. Use a pencil to mark these points on the lower portion of the unit. After installing the unit, rotate it until either pencil mark faces the general direction of the path people will most likely cross.



WARNING This device is designed for **INDOOR USE ONLY**. Do not allow it to get wet.

CAUTION Infrared cannot penetrate glass or plastic. Do not use in a glass-enclosed light or shaded lamp. **USE ONLY WITH CEILING-MOUNTED, BARE BULB LIGHT SOCKET.**

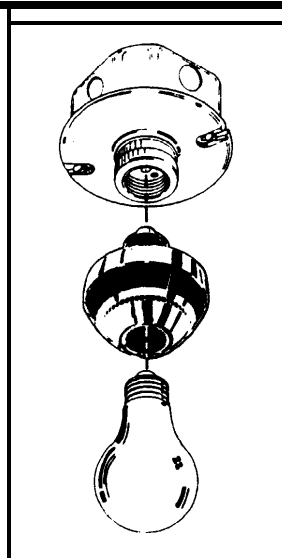


INSTALLING YOUR MOTION SENSOR

WARNING Never touch the motion sensor, bulb or socket with wet hands or when the floor is damp or wet.

CAUTION Turn the light OFF when installing your motion sensor.

1. Turn the switch (or pull cord) powering the light socket you have chosen OFF.
2. Remove the light bulb from the socket.
3. Screw the motion sensor directly into the empty socket.
4. Screw the light bulb into the motion sensor.



5. Turn the light ON. After several seconds, the light will turn on. The light will remain on for approximately 4 minutes after you leave the area. (A built-in delay of several seconds allows the light bulb to cool before the motion sensor is able to detect motion again.)

Your motion sensor is now ready to operate automatically.

CAUTION It is possible that the light may turn off while you are within the sensing area if, for example, you are standing still.

TROUBLESHOOTING

INSTALLATION HOTLINE (800) 323-9005

The lights do not turn on when movement is detected in the target area.	<ol style="list-style-type: none"> 1. Bulb burned out. 2. Power switch is off 3. Bulb is less than 25 watts. 4. Adjust unit 1/8 of a turn.
The lights turn on and off repeatedly.	<ol style="list-style-type: none"> 1. Bulb is greater than 100 watts. 2. Motion sensor must be mounted at least 12 inches from any wall or door. 3. Heat sources in target area.
The lights stay on continuously.	<ol style="list-style-type: none"> 1. Bulb is greater than 100 watts. 2. Temporary power failure-turn off and on again. 3. Moving heat sources are in target area. 4. Motion sensor must be mounted at least 12 inches from any wall or door.
Sensing range is reduced	<ol style="list-style-type: none"> 1. Very warm temperatures can temporarily reduce the sensing range.

NOTE: If the motion sensor is less than 12 inches away from a door or wall, reduce bulb wattage or apply masking or electrical tape over a portion of the sensor lens in direct line with the wall or door.

CLEANING AND REPAIRING

To clean your motion sensor, turn the light OFF and remove the motion sensor and bulb from the light socket. Wipe the unit with a soft cloth. Do not use harsh cleaners of any kind. Do not allow the unit to get wet or be submerged in water.

WARNING Never touch the motion sensor, bulb or socket with wet hands or when the floor is damp or wet.

WARNING Always turn the light OFF when cleaning.

Do not attempt to repair your motion sensor yourself. If it does not appear to be working properly and if it is still under warranty, return it to First Alert. (See Warranty.) If the unit is no longer under warranty, please discard it and replace it with a new unit.