

LA-5174 Solar Wireless Door Announcer

Introduction

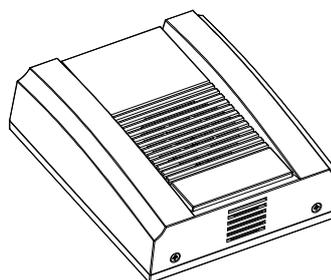
The LA-5174 is based on the advanced wireless and solar cell technology that the door announcer gives alert signal for anyone approaching the area monitored by the solar wireless PIR. All visitors will be effectively detected. It is easy to set up and simple to use.

Please read this manual carefully before commencing installation.

Contents

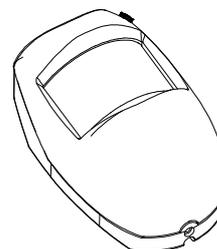
Wireless Door Announcer x 1

The unit receives signals from the PIR and gives off alert signal.



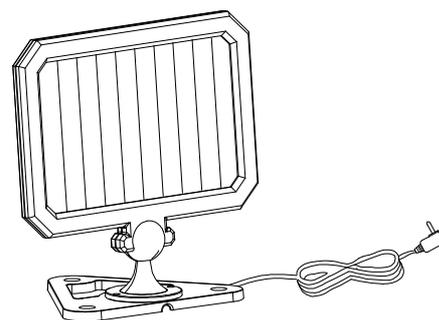
Solar Wireless PIR Motion Detector x 1

It detects body heat of a moving object. (more than one set can be linked to the Wireless Door Announcer.)



Solar panel x 1

It is used to charge the rechargeable batteries for the Solar Wireless PIR. When the Wireless PIR is connected to the Solar Panel, the battery of the Wireless PIR will last longer



Remarks : Batteries are not included in the kit

Tools Required

- Large and small flat bladed screwdrivers
- Large and small cross-point screwdrivers
- Hammer
- Ladder or other safe working platform

Please Note: Tools are not included, consult a professional if you need assistance

Installing Your System

In choosing a suitable location you should bear in mind:

- The need to reach the door announcer and PIR easily for turning the unit on or off and if the batteries need replacing.
- The door announcer should not be visible from the exterior of the protected premises.

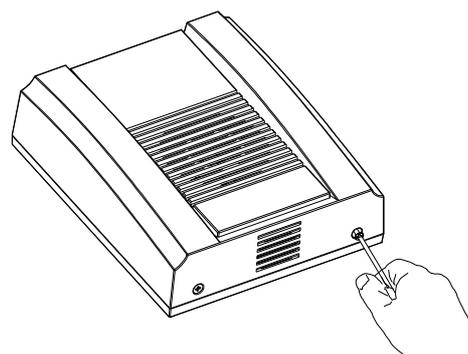
Reception of radio signals can be affected by the presence of metal objects within a few feet of the door announcer. (E.g. mirrors, central heating, garage doors and cars parked in garages on the opposite side of the wall. Avoid any location which is near (within 60cm) to these or any other large metal objects.

Installation

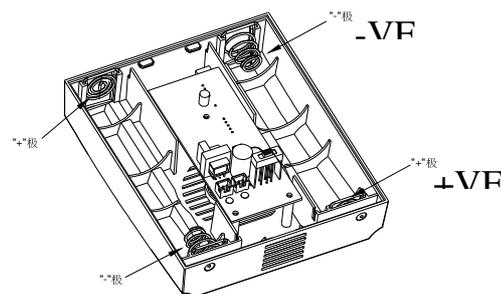
Wireless Door Announcer

CAUTION: When positioning the door announcer ensure that it is located in a dry place away from damp areas.

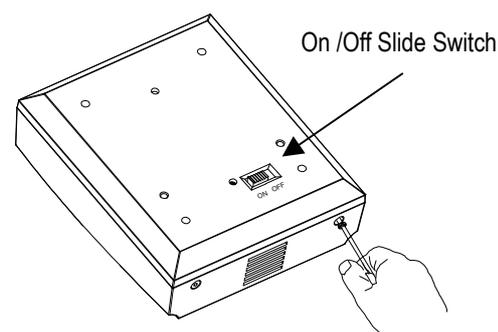
Step 1: Unscrew and retain the holding screw from front cover. Remove the front cover(s) from the base assembly.



Step 2: Place 4 x 1.5V D-Cell Alkaline batteries (not included) inside the battery compartment with the correct polarity.



Step 3: Close the front cover and screw it up. Turn on the unit and two short "beeps" are heard. The unit is now operational. Place the unit to the suitable location according to the your own needs.



Solar Wireless PIR

CAUTION: The wireless PIR motion detector should be installed indoors or under a shelter when placed outdoors.

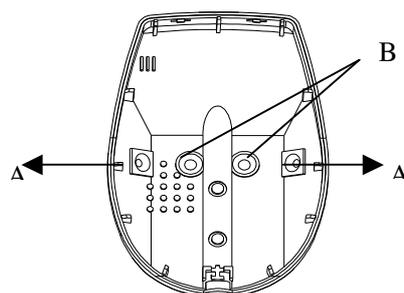
The PIR should not be mounted near to large metal objects or on metal surfaces. It needs to be mounted on a wall or in a corner at a height of approximately 2-2.5m for the best coverage. Do not site a PIR where its field of view may be obstructed (e.g. by curtains). Also note that PIR work best when sensing movement across rather than along their detection beams.

The detector has been designed to avoid false alarms, nevertheless, it is best to avoid facing sources of heat such as fires and boilers, and always try to keep away from a window. A PIR can look face a radiator but should not be positioned above one. In some cases, the movement of animals may also be detected. To overcome this it is recommended that the pets are kept out of sight of the PIR.

Mounting the PIR

Step 1: Remove and retain the screw from the bottom of the PIR and lift off the cover.

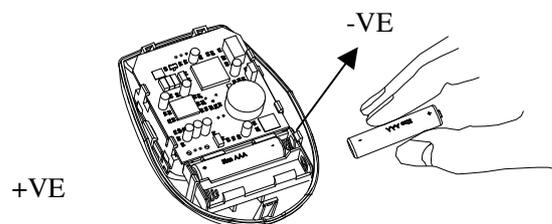
Step 2: If you are fitting the PIR in a corner, use mounting points "A", if you are fitting the detector on to a flat surface use mounting points "B" – the mounting points are shown by indentations in the plastic molding. Use a small drill to create two fixing holes at the mounting points.



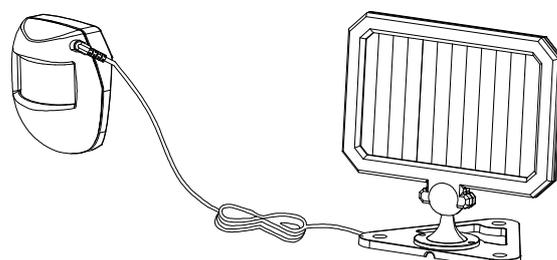
Step 3: Hold the base of the PIR in the chosen position, ensuring that the front of PIR will face towards the centre of the protected area, and mark and drill two 5mm fixing holes in the wall. DO NOT drill holes with the PIR in position – the resulting dust may damage the unit. Secure the PIR to the wall using two screws (25mm countersink) and the wall plugs.

Step 4: Replace the electronic module into the retaining clips, ensuring that it is correctly positioned and firmly seated.

Step 5: Install 2 pcs. AAA rechargeable batteries (not included) into the battery snap in correct polarity. Replace PIR cover and refit retaining screw.



Step 6: Plug-in the Solar Panel into the Wireless PIR for charging the batteries.



Note :

- 1). The rechargeable battery must be "fully charged" for first use on the Solar Wireless PIR unit.
- 2). The wireless PIR has a 2 minutes warm-up period after it is powered up.

Operation

After powering up both the door announcer and wireless PIR trigger the Detector by moving your hand it front of the PIR lens. The red LED on the PIR will be ON and the door announcer will give off "*Ding Dong*" sound

Maintenance

- 1). Test all detectors once every 3 months
- 2). It is suggested to replace all batteries in the door announcer once a year.
- 3). It is suggested to replace all batteries in the PIR once every two years .

Specification**Wireless Door Announcer**

Type	Microprocessor based control unit
Housing	ABS
Radio System	433MHz
Coverage Range	~100m
Power Supply	4 X 1.5V D-Cell Alkaline Battery (not included)
Temperature	0°C ~ 40°C

Solar Wireless PIR

Type	Dual Pyroelectric element with hemispherical lens
Housing	ABS
LED	On/off selectable
Detection Range	~4-5m
Power Supply	2 X AAA rechargeable battery (not included)

Solar panel

Type	Solar battery
Housing	ABS
Power output wire	PJ2.5 ϕ 3.0 x 2.5m white