

IMPORTANT

- DO NOT drop any alarm components.
- DO NOT install the Movement Activated Sensors close to an internal heating or cooling source.
- DO NOT install the alarm in a position where direct sunlight may occur.
- DO NOT use rechargeable batteries in any alarm components.
- DO NOT mix different types of batteries in the Alarm.
- The alarm components must be kept indoors.
- We recommend alkaline batteries for best performance and value for money.
- The Movement Activated Sensors will detect small pets such as dogs or cats, it is therefore essential that your pets are kept out of the detection area when the alarm is activated.
- This alarm system is designed to be a deterrent, it does not in any way guarantee protection. It is simply an alarm signal.
- Guarantee excludes any batteries supplied with the unit.
- Keep these instructions in a secure place in case further reference to them is required.

EXTERNAL ALARM & SIREN

For additional siren output, an extension siren device is available Arlec model AM553. This device can be mounted in other area of the house, or in a sheltered external position.

SPECIFICATIONS

Entrance delay time	8 seconds
Exit delay time	30 seconds after no movement at Sensors.
Low battery indicator	Red LED flashes approx. once per second and single beep every 20 seconds.
Alarm sound reset time	1 minute
Intruder indication	Green LED will light after resetting of alarm to indicate a burglar was detected.
Alarm output	approx. 105dB at 1 metre.
Movement Activated Sensor range	10 metres approx. and 110° scan angle.

WARRANTY

Arlec guarantees this product in accordance with the Australian Consumer Law.

Arlec also warrants to the original first purchaser of this product ("you") from a retailer that this product will be free of defects in materials and workmanship for a period of 12 months from the date of purchase; provided the product is not used other than for the purpose, or in a manner not within the scope of the recommendations and limitations, specified by Arlec, is new and not damaged at the time of purchase, has not been subjected to abuse, misuse, neglect or damage, has not been modified or repaired without the approval of Arlec and has not been used for commercial purposes ("Warranty").

If you wish to claim on the Warranty, you must, at your own expense, return the product, and provide proof of original purchase and your name, address and telephone number, to Arlec at the address below or the retailer from whom you originally purchased the product within 12 months from the date of purchase.

Arlec will (or authorise the retailer to) assess any claim you may make on the Warranty in the above manner and if, in Arlec's reasonable opinion, the Warranty applies, Arlec will at its own option and expense (or authorise the retailer to) replace the product with the same or similar product or repair the product and return it to you or refund the price you paid for the product. Arlec will bear its own expenses of doing those things, and you must bear any other expenses of claiming on the Warranty.

The Warranty is in addition to other rights and remedies you may have under a law in relation to the product to which the Warranty relates.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

ARLEC

Arlec Australia Pty. Ltd. ACN 009 322 105 ("Arlec") gives the Warranty. Arlec's telephone number, address and email address are:

Customer Service: **(03) 9982 5111**
New Zealand Toll Free: **0800 003 329**

Building 3, 31 – 41 Joseph Street, Blackburn North, Victoria, 3130
Blackburn North LPO, P.O. Box 1065, Blackburn North, 3130
Email: custservice@arlec.com.au

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CPIN002095/3

ARLEC

Compact Wireless SECURITY ALARM

INSTALLATION & OPERATING INSTRUCTIONS



IMPORTANT: Please read these instructions carefully before use.

INTRODUCTION

This is a wireless security Motion Detector designed for use in home, apartments, offices, garages, sheds and can also be used as a portable travel alarm for use in hotels where extra security may be required. It has been developed to be easy to set up and operate, giving both your family and yourself the security and peace of mind that you deserve.

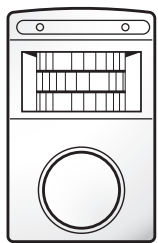
The P.I.R. (Passive Infra Red) sensor will detect movement over an area of 10 metres (approximately) within a 110° scan area. Using the magnetic contact reed switch, a door or window can be wired to the alarm for additional security.

With the Arlec Security Alarm are two remote control on/off switches which are powered by small button cell batteries included.

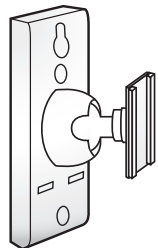
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1 x Wireless Movement Activated Sensor
1 x Wall Bracket

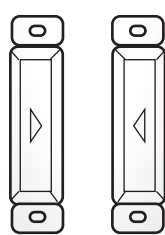
1 x Magnetic Window/Door Sensor
2 x Remote Control Switches



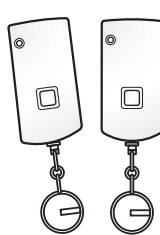
Wireless Movement Activated Sensor



Wall Bracket



Magnetic Window/Door Sensor - 2 components for one switch

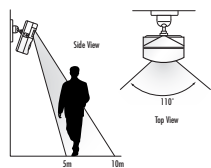


Remote Control Switches

INSTALLATION

Select a location on a wall in a room or near an entrance to mount the alarm unit. Ensure that your chosen position is not in an area that receives strong sunlight or close to a heating or cooling unit. The detection area of 110° and range up to 10 metres (approximately) should be taken into consideration when choosing a location to ensure good coverage of the sensor.

An Arlec PS799 or PS1599 Multi Voltage Battery Eliminator (not included) can be purchased to operate the unit from 240V mains power, this is not an essential component but will eliminate the need to renew batteries in the alarm unit.



If you choose to use a separate power supply to power the alarm, the unit should be mounted on a wall close to a 240V power point.

Batteries for the remote control on/off switches are included, these are packaged separately and should be installed in remote control switches.

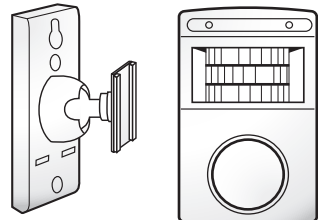
Remove the single small retaining screw (near key ring swivel) from the rear of the remote control switch and insert batteries as shown on rear of the switch.

INSTALLATION

To install or replace batteries in the alarm unit, remove the rear battery compartment cover of the alarm by unscrewing the small screw on rear centre of alarm unit. Insert 3 x AA batteries (alkaline type recommended). Do not use rechargeable Nickel Cadmium batteries.

Wireless Movement Activated Sensors

The AM110 uses a wireless passive infra-red detector (PIR).



Wall Bracket

Movement Activated Sensor

1. Mount the bracket at a height no less than 2 metres above floor height. A slotted screw hole is located at the top of mounting bracket. An additional screw can be used in the lower part of mounting bracket.
2. Open the rear of the Movement Activated Sensor and insert 3 x AA batteries (not supplied). Replace the battery compartment lid.
3. Slide the alarm unit onto the mounting bracket. If alarm unit is loose on the bracket it may be necessary to tighten the locking screw located in the centre of the mounting bracket.
4. The adjustable mounting bracket allows the alarm to be angled to a position which will give the best coverage of the desired detection area.
5. Adjust the Movement Activated Sensor so that it is directed toward the centre of the room. Do not aim towards windows.

Wireless Window/Door Sensor

Included with your Arlec Security Alarm is a magnetic contact reed switch which can be installed on a window or door for additional security.

Wiring and connecting the magnetic switch is optional, and will not affect the normal operation of the alarm unit.

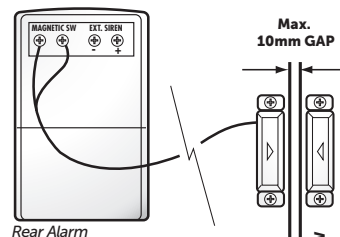
The magnetic switch detects the opening of a window or door and when correctly wired to the alarm unit will activate the alarm siren.

Approximately 1.8 metres of wire is included with the switch.

To install the magnetic contact switch first ensure that the wire will reach from the alarm to the opening edge of your door or window.

Fit separate half of the magnetic contact switch (the piece without wiring attached) on the opening edge of your window or door using the small screws provided or with double sided adhesive tape (not provided).

The other half of the magnetic contact switch (with wiring attached) should be attached to the window or door frame.



Rear Alarm

Proper positioning of the Window/Door Sensor is important. Ensure that the wireless reed switch sensor and magnet are parallel and the arrows are pointing

INSTALLATION CONTINUED

directly at one another. Separation between the pieces must not exceed 10mm. Connect the wire to the rear of the alarm unit at the terminal marked 'MAGNETIC SW'.

USING THE ALARM

The alarm unit is activated and deactivated using the infra red remote control switches provided.

These remote control switches will activate your alarm from a distance of approximately 8 metres.

To activate the alarm simply aim the remote control switch at the alarm and press the button once then release.

The alarm will beep once to indicate that it has been activated. The green (LED) light will light up to indicate that the alarm has been activated.

The exit delay of 30 seconds will start timing out when no further movement is detected to allow sufficient time for you to exit the detection area.

Whilst there is still movement in the exit delay period the red light will flash and the alarm will emit a short beep.

After 30 seconds when no further movement is detected the alarm will then automatically start detecting in full security mode.

The green (LED) light will then switch 'off'. Whilst the unit is in full security mode and movement is detected in the scan area the alarm will emit a short beep and the red LED will flash.

A time delay of 8 seconds is then given to deactivate the alarm before the siren sounds.

To deactivate the alarm simply aim the remote control switch at the alarm and press the button once and release.

The alarm will emit two beeps to indicate that it has been deactivated.

The Alarm Siren

The alarm will activate the 105dB siren 8 seconds after movement is detected or the window or door magnetic switch has been activated (when fitted).

The siren will remain 'on' for one minute after which time it will automatically switch 'off' and reset. The green LED light will flash to indicate that movement was detected.

The alarm siren will sound again when further movement is detected within the detection area.

Low Battery

When the batteries in the alarm unit are running low the red (LED) light on the front of the unit will flash and the alarm will beep every 20 seconds.

Replace with 3 x AA batteries (alkaline type recommended).

Operating from 240V Mains Power

To eliminate the need to purchase batteries the alarm unit can be powered by an Arlec Battery Eliminator power supply (PS799 Multi Voltage Battery Eliminator or PS1599 Multi Voltage Power Supply). These can be purchased as an optional extra. They are not included with this Security Alarm.

The separate power supply voltage must be set at 6 volt. Ensure that the adaptor plug supplying the power to alarm unit has a positive centre terminal.

When supplying power from a 240 volt Battery Eliminator it is recommended that you also install.

3 x AA type batteries which will act as a battery back up should the 240V power supply fail.

It is not essential to the operation of the alarm that batteries are also installed.