

ENTRY ALERT Wireless PIR Alarm Model No: CHM0152

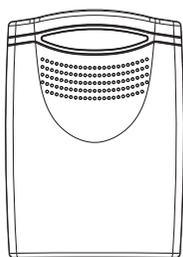
Long driveway? Security conscious? Live near a busy road and can not confirm if that someone's wandering up the drive? Is that car driving up your driveway, or just passing by? Presenting this driveway alert alarm, the unique device which will let you know when people are coming to visit!

Please install and operate this product according to the following instructions.

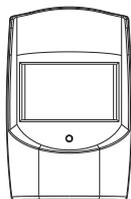
'Receiver' means the Indoor Chime unit.

'Transmitter' means the Exterior PIR module.

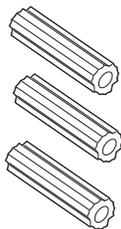
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Receiver x1



PIR Transmitter x1



Wall Plugs x3



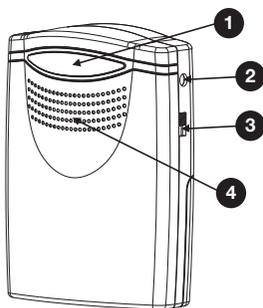
Screws x3



Instruction Manual x1

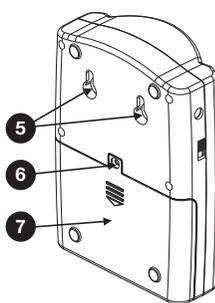
NAMES FOR PARTS

Receiver front side



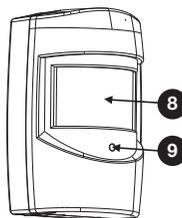
- (1) LED Indicator
- (2) DC 6V
- (3) Volume Button (LOW, HI, OFF)
- (4) Speaker

Receiver back side



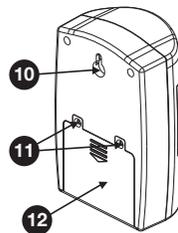
- (5) Hanging Holes (36mm spacing)
- (6) Fixing Screw for Battery Cover
- (7) Battery Cover
- (8) PIR

Transmitter front cover outside



- (9) LED Indicator
- (10) Hanging Hole
- (11) Fixing Screws for Battery Cover
- (12) Battery Cover

Transmitter back cover outside



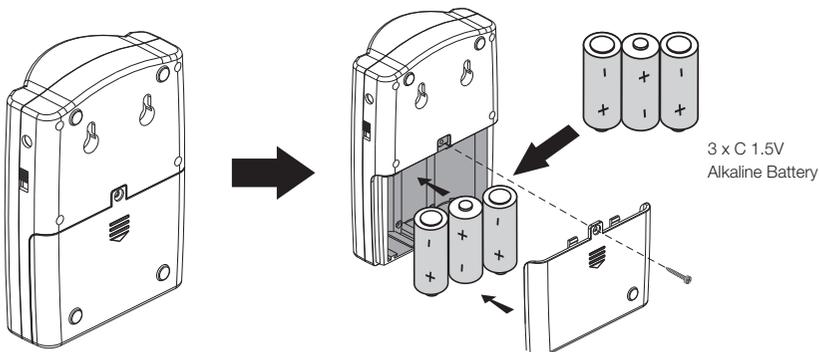
NOTES BEFORE INSTALLATION

1. Before installation and operation, you will require a drill, a cross-headed screwdriver, 3xAA 1.5V batteries for transmitter, 3xC 1.5V batteries for receiver.
Batteries are not supplied with this kit.
2. Avoid positioning the Transmitter on metal frames.
3. Avoid positioning the Receiver above heat sources such as radiators, or in areas of high heat or humidity.

INSTALLING THE BATTERIES

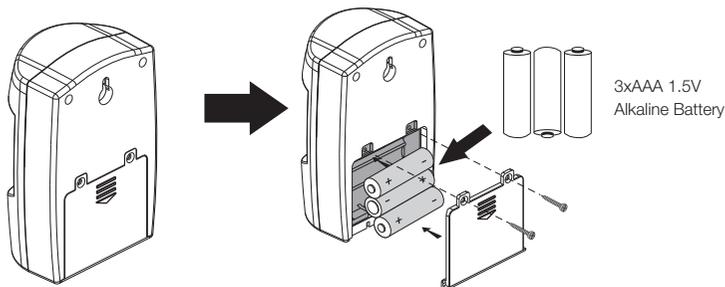
Receiver Unit

Insert 3 x AAA Alkaline batteries into the compartment at rear of the Receiver. Ensure polarity of batteries on installation.



Transmitter Unit

Insert 3 x C Alkaline batteries into the compartment at rear of the Transmitter. Replace the battery compartment cover, securing screws and re-mount the transmitter. When replacing the battery cover, ensure that it makes complete contact with the sponge seal lining the battery compartment. If moisture is able to enter the transmitter, it will adversely affect performance.



When the batteries start to go flat, the LED indicator will flash each second to remind you to replace the batteries.

PAIRING THE DEVICES

Simx Entry Alert PIR are supplied as paired devices.
This product cannot be paired with multiple Receivers or Transmitters.

SELECTING YOUR MOUNTING LOCATIONS

Note the Receiver is suitable for Indoor use only. The Transmitter is rated for sheltered exterior locations.

Before fixing the products, check the distance between your desired locations can communicate first. The product is rated to operating up to a range of 120 metres in free air. The operating range will be reduced if the signal is transmitted through a number of walls or ceilings.

NOTE: Common barriers to avoid include mounting to any metal surface or UPVC door frames. Avoid positioning above heat sources such as radiators, or in damp areas such as a kitchen or bathroom. Do not expose the internal unit directly to rain or immerse in water. Do not locate either unit close to fireplace or expose to high temperatures.

Consider which way you should aim the PIR, taking into account the range and area it can cover, as well as what may mislead it into false triggering. Aspects to consider include avoiding heat sources close by like A/C units or vent outlets, neighbouring traffic or pedestrians, foliage in the line of detection, or reflectance from pools or car headlights. All of these may cause false triggering at times.

TIPS & TRICKS:

The PIR sensor is not infallible. In particular...

1. The sensor can't detect anything which is the same temperature as their backgrounds. For example, a car which hasn't been running long (and is, thus, the same temperature as its surroundings) may go unnoticed. This should, however, be unlikely.
2. Any moving heat source can trigger the sensor. For example, a moving shadow on a sunny day may trigger the sensor, or the sun coming out from behind clouds. False triggers should be rare, but will occasionally occur.
3. Pedestrians, animals or any other large heat source can trigger the sensor, so avoid busy pathways or sidewalks.

Therefore, try to aim the sensor towards an evenly lit and open view with a minimum of shifting lighting or moving objects. Ideally, the sensor should only see your driveway, and the only moving object(s) in front of the sensor should be the car (s) or person (s) you want to detect.

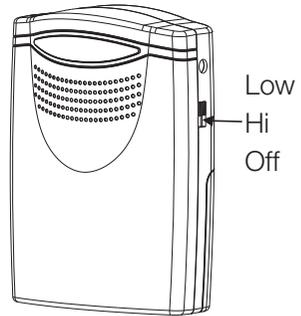
Reducing the angle of detection may be desirable. This can be achieved by applying opaque adhesive tape to parts of the PIR lens to remove detection angles.

AFFIXING THE PRODUCTS

- The Receiver can be hung on a wall with screws, or table top mounted.
- The Transmitter can be mounted with a screw to an appropriate surface. A metal surface will adversely affect its ability to communicate with the Receiver. The Transmitter is rated for sheltered outdoor locations only (light rain contact only).

SELECTING YOUR PERSONAL SETTINGS

The volume switch is located on the side of the Receiver.
Settings are High/ Low/ Off (mute)



OPERATION

On detection by the Sensor, the Transmitter sends a signal to the Receiver, which will chime 'Dingdong' four times. The LEDs on the Receiver will flash at the same time – convenient for loud ambient spaces, and to aid people with hearing impairments. Once that sequence has finished, the sensor interval time concludes, and begins to detect again.

USING A POWER SUPPLY-OPTIONAL

There is a DC input jack on the top right hand side of the receiver. You can connect a power adapter to this port, provided it matches the power requirements as specified.

Don't use batteries and the DC input at the same time: there is a risk of battery leakage or explosion. Remove any batteries **before** connecting the DC input!

The power requirements are: 6V, 200mA

- SIMX Ltd do not sell this component.
- Most good electronics stores have power adapters suitable for the Driveway Alert Alarm.
- Be sure to match the power requirements exactly. Using anything other than a 6V power adapter will have undesirable (and potentially dangerous) results.
- Don't cut, open or modify any electrical equipment, cables or housings.
- Use only an adapter suitably rated for the intended purpose.

USER HINTS

If the Receiver does not sound, please check the following:

- Flat batteries in either the Transmitter or Receiver-change the battery.
- Wrong battery polarity in either the Transmitter or Receiver-reinsert the battery.
- Units are out of range-relocate the Receiver within the operation range.
- If leaving the chime unused for long periods, remove the battery from devices to prevent leakage.
- Dispose of old batteries in accordance with the relevant legislation.

TECHNICAL SPECIFICATIONS

Receiver

Battery (not included)	3 x Type C Alkaline batteries
Operating Frequency	433.92 MHz
Operating Range (Free Air)	Up to 120 metres
Sound dB(A)	90 dB(A) on High setting

Transmitter (PIR)

Battery (not included)	3 x Type AAA Alkaline batteries
Enclosure rating	IP44 – sheltered exterior locations only
Detection range	6 metres x 80 degrees (varies by local conditions)
Operating Temperature	-20°C to +40°C

ELECTRICAL COMPLIANCE

This product complies to all relevant NZ/AU compliance standards.

An SDOC (supplier compliance declaration) is available on www.simx.co.nz

Type the product code into Search on the home page, this takes you to the item product page, a download link is located below the product details on that page.

IMPORTANT: PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE WHEN REPLACING BATTERIES



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