



Driveway Alert



INSTRUCTION MANUAL

MDRIVE2260214E

Introduction

Long driveway? Security conscious? Is that car driving up your driveway, or just passing by? Can't hear someone knocking on your front door while you're at the back of your home? Presenting the Driveway Alert from Swann, the unique system which will let you know when people are coming to visit!

How does it work?

Basically, there are three parts to the Driveway Alert system.

1. The Indoor Alarm Receiver works as an alarm buzzer and a doorchime. It monitors for signals coming from the Passive Infrared (PIR) Motion Sensors and the Doorbell, and activates an alert in response to that signal. It also features a series of LED indicators on the front of the unit so you can visually tell where an alert is coming from. The Indoor Alarm Receiver can be either mounted to a fixed location or completely free standing.
2. The PIR Motion Sensors enable you to monitor for movement in two zones or areas surrounding your property. Each contains a miniature radio transmitter, which sends a signal to the Indoor Alarm Receiver whenever motion is detected. The motion sensors should be deployed outdoors, where there is a clear view of the driveway or the likely entry and exit paths that you plan to secure.
3. The Doorbell enables visitors to send a chime to the Indoor Alarm Receiver so you know that someone's waiting at your doorstep. As it is neither water nor weatherproof, it must be installed in a sheltered location.

Layout

Motion Sensor



Doorbell

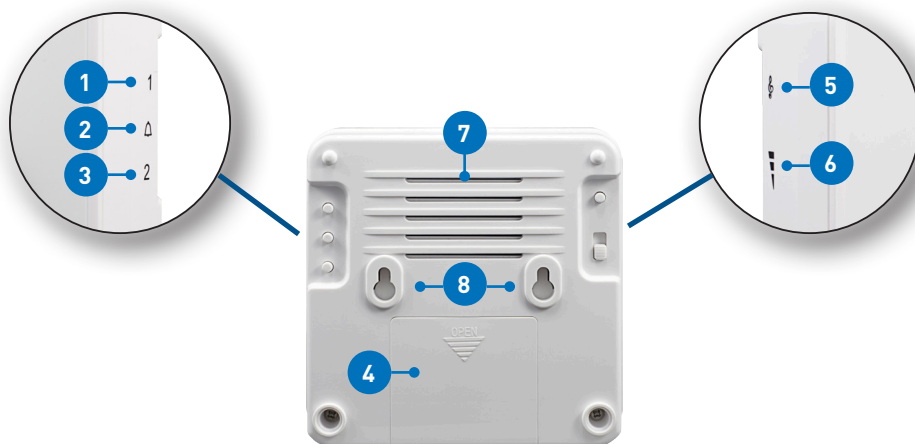


Front of the Indoor Alarm Receiver



1. Sensor 1 LED Indicator
2. Doorbell LED Indicator
3. Sensor 2 LED Indicator

Back of the Indoor Alarm Receiver



1. Sensor 1 Select Button
2. Doorbell Select Button
3. Sensor 2 Select Button
4. Battery Compartment
5. Chime Select Button
6. Volume (Low-Medium-High) Slide Switch
7. Speaker
8. Mounting Hook Hangers

Operation Guide

Installing Batteries

The Indoor Alarm Receiver and Motion Sensors require batteries. These are necessary for the devices to be able to receive and transmit active wireless signals. For best performance, use fresh, high quality alkaline batteries.

Note: We recommend changing the batteries in the receiver and sensors every six months.

Indoor Alarm Receiver

- The Indoor Alarm Receiver requires 3 x AA batteries (not included) to operate.
- To install batteries, slide off the battery cover on the back of the unit to reveal the battery compartment and then insert batteries matching the polarity (+ and -) markings inside the battery compartment.
- Replace the battery cover until it clicks into place.

Motion Sensors

- Each motion sensor requires a 9V battery (not included) to operate.
- To install battery, remove the two screws on the back of the motion sensor securing the battery compartment cover in place using a small Phillips head screwdriver, attach a battery to the 9V connector and then place the battery into its compartment.
- Replace the battery cover. Ensure that it makes complete contact with the silicone seal lining the battery compartment. If moisture is able to enter the motion sensor, it will adversely affect performance dramatically.

Doorbell

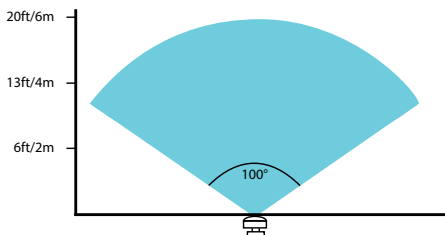
- If you need to replace the battery, insert a small flat-head screwdriver into the small notch on the base of the doorbell and then push against the tab inside to lift the front cover off.
- Replace with same type of battery (1 x CR2032 battery). Ensure the battery is secured properly before refitting the front cover.

Placement of the Motion Sensor

The range of the wireless transmission for the Driveway Alert system is dependent on local environment (i.e., obstructions, weather, signal interferences, etc) and can be up to approximately 80 meters (around 263 feet) – take this into consideration when selecting positions for the motion sensors and make sure you test if the location you place the motion sensor is in range before fitting in place.

The motion sensor, under typical conditions, is designed to detect people and vehicles moving within an area of approximately 6 meters (around 20 feet) at a 100° angle from the sensor.

For best coverage and to maximize detection, place the sensor approximately 2m/6ft off the ground, pointing on a slightly downwards angle.



Tips & Tricks:

- Although the sensors are weather resistant, they are not waterproof – Installing in a covered area where it is under an awning or eaves is recommended. Exposure to rain and moisture could adversely affect the performance and durability of the sensors.
- 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.
- Wandering small animals (such as a cat or similar) can, under some circumstances, trigger the sensors. Therefore, we suggest that the motion sensors are not suited to areas where pets are routinely kept.
- Ideally, the sensor should only see your driveway, and the only moving object(s) in front of the camera should be the car(s) or person(s) you want to detect.

Adjusting the Alarm/Chime Volume

To adjust the volume of the alarm/chime, use the volume control slide switch on the back of the Indoor Alarm Receiver. There are three settings available: low, medium and high.

Changing the Doorbell Chime

The Indoor Alarm Receiver provides a choice of 16 different chimes.

To change the doorbell chime:

1. Press the **Chime Select button** on the back of the Indoor Alarm Receiver. The next chime is played. Keep pressing the button until you hear a chime you like.
2. Press and hold the **Doorbell Select button** on the the back of the Indoor Alarm Receiver until the Doorbell LED indicator lights up.
3. Within 10 seconds, press and hold the **Chime button** on the Doorbell until the chime indicator stops blinking. The selected chime will now be heard whenever the doorbell is pressed.

Turning Off/On the Sensor Alarm and Doorbell Chime

Like some peace and quiet for a period of time? You have the ability to put the alarm/chime for each individual sensor and the doorbell on “silent” mode.

1. If mounted, remove the Indoor Alarm Receiver from the mounting hook.
2. Press any **Sensor 1/Sensor 2/Doorbell Select button** on the back of the Indoor Alarm Receiver once to turn off the alarm/chime from that particular component. You will hear two beeps from the Indoor Alarm Receiver, indicating that the alarm/chime has turned off.
3. To turn the alarm/chime back on, press the corresponding **Sensor 1/Sensor 2/Doorbell Select button** again. You will hear a single beep from the Indoor Alarm Receiver, indicating that the alarm/chime has turned on.

Note: *The LED indicators on the front of the Indoor Alarm Receiver will continue to blink whenever the unit receives a signal from the corresponding sensor or doorchime.*

Mounting

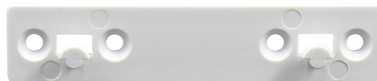


WARNING: When fitting the screws into the wall, make sure you are not inserting them anywhere near electrical wires, including wires that may be behind the wall. If you are unsure at all, please get a professional to check first and install the screws for you.

Indoor Alarm Receiver

There is no requirement to mount the Indoor Alarm Receiver. As it is also completely freestanding, you may find it more convenient to place it on a shelf or table. One of the benefits of a battery operated wireless receiver is that if you have a large house, you can take the receiver with you. No more missing visitors because you were all the way at the back of the house or by the pool!

If you would like to mount the receiver, you simply need to screw the mounting hook to a wall using the four screws provided and then hang the Indoor Alarm Receiver onto the hook.



Mounting Hook

Motion Sensor

1. Choose the mounting location and then mark the screw hole location with a pencil.
2. Drill the supplied screw into the marked location, leaving approximately 1/4" of the screw protruding from the mounting surface. You may need to use a wall plug depending on the surface.
3. Place the sensor's hanger slot (see opposite) over the screw and then shift the sensor downwards to ensure it sits on the screw firmly.



Hanger slot

Doorbell

The doorbell can be mounted by sticking it to a wall using the included adhesive strip(s).

1. Choose the area you want to mount the doorbell - flat, smooth surfaces are ideal.
2. Peel off the covering of the adhesive strip, and then attach the doorbell to the wall in the location you want.

Troubleshooting

Problem: My motion sensor isn't detecting movement.

Solution:

- The motion sensor may not be within range of the Indoor Alarm Receiver. Sometimes obstructions between the sensor and receiver such as walls, metal objects, etc in the environment can affect the sensor's functional range.
- The battery in the motion sensor is weak. It is recommended to replace the battery every 6 months to maintain optimum performance.

Problem: The sensor LED indicator on the Indoor Alarm Receiver is blinking but I don't hear any alarm when my motion sensor is triggered.

Solution:

- The alarm for the corresponding sensor has been muted on the receiver. See [“Turning Off/On the Sensor Alarm and Doorbell Chime” on page 5](#) for instructions on how to turn it back on.

Problem: I keep getting false alarms!

Solution:

- The sensors use passive infrared to detect changes in temperature so check that there are no shifting heat sources in view of the motion sensor(s). This includes the obvious things, such as moving pets or people, but also things such as a moving shadow on a hot day (such as the shadow of a tree blowing in the wind). Sometimes reflected infrared heat from the sun is enough to trigger the sensor.
- If you've had the Driveway Alert system installed for some time, then the batteries in the sensors might be running low, causing erratic behavior.
- If you're using the Driveway Alert system in an environment with a high level of radio 'noise' (that is, somewhere with multiple wireless devices in use) then these interfering signals might be interpreted as the system as alarm signals. This should, however, be a very rare occurrence.

Problem: The chime doesn't sound.

Solution:

- Check the doorbell battery - the chime indicator should light up when the chime button is pressed. Replace if necessary.
- The chime has been muted on the receiver. See [“Turning Off/On the Sensor Alarm and Doorbell Chime” on page 5](#) for instructions on how to turn it back on.

FCC Information and Copyright

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.

15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.