

PROTECT 800 BEAM ALARM WITH PIR SENSORS



Protect 800 Long Range (800 metre) **Wireless Driveway Alert Twin PIR System** designed to help you monitor and protect your Driveway, Yard, Garden, Home or Business supplied with:

- 1 x Indoor 4-channel Wireless Receiver.
- Outdoor Wireless PIR's with attachable Lens Caps.

Receiver:

The Wireless Receiver features:

- 800 metre Wireless Reception.
- Adjustable Volume (from low to approximately 85 decibel).
- 32 optional Melodies.
- Mains Powered using a Plug in Transformer (3-pin UK & 2-pin European supplied).
- Optional Battery Back Up using 4 x AAA Batteries (not supplied).
- LED Notification of Loss of Mains Power.
- Low Battery Notification.
- Up to 16 Detectors can be Used.
- Multiple Receivers can be used (no limit).
- Zone Indicator (visual and by chime).
- 4 x Dry Relay Outputs (can be used to trigger Diallers, Flashing LED's, Siren's, Bells etc).
- 12v DC Output (can be used to trigger Flashing LED's, Siren's, Bells etc).
- Relay Duration: Momentary.
- 12v DC Output with adjustable Duration (5, 30 or 60 seconds or 10 minutes).
- Can be Wall or Desk Mounted.
- PIR Battery Check.
- Optional Pause Modes.

PIR's:

The PIR's are packed full of features including:

- Impressive 800 metre Wireless Transmission.
- Fully Waterproof.
- Up 15 metres Detection Range (can be further with large objects).
- Adjustable Sensitivity Settings.
- Up to 16 PIR's can be used with any single system.
- Sunshade & Rain Hood.
- Lens size adjusting Caps (ideal to help detect moving vehicles).
- Battery Powered (4 standard AA batteries supplied).
- Low Battery Warning (battery life expected is 9 - 12 months in most applications).
- Battery Status Checking.
- Impressive Vehicle Detection.
- Easy & Quick to Fit.
- Unique choice in operation of:
 - 24 hour operation (for use in locations where all day detection is preferred).
 - Night Time Operation (for use in locations where you only want a working detector during the hours of darkness).

Lens Caps:

The PIR's are supplied with 3 Lens Cap Settings which together with internal adjustments allow you to set each PIR to suit each application, these include:

- Pencil Beam Attachment: Provides a very narrow Beam to avoid small to medium ground animals.
- Medium Beam Attachment: Provides a narrow Beam to avoid most small to medium ground animals whilst detecting Vehicles more efficiently than the Pencil Beam.
- No attachment Fitted: Ideal when the detection of Vehicles is most important to you.

Installation Tip:

We recommend the PIR's are fitted looking away from a rising Sun rather than towards it, if this is not possible then care should be taken when choosing the location and direction of the PIR's, this basic principle is the same for most outdoor PIR's.

The PIR's can also easily be hidden inside plastic and wooden structures with some simple imaginative creation to help hide them, the strong 800 metre wireless transmission helps this be possible.

Operational Options:

This Wireless Driveway Alert has the unique feature of being able to use the PIR in two ways:

- 24 hour operation (for use in locations where all day detection is preferred).
- Night Time Operation (for use in locations where you only want a working detector during the hours of darkness).

This allows you to perhaps have one PIR working throughout the day with a subtle chime on the Receiver, and the other PIR only working when it is dark, which would trigger a louder Siren on the Receiver (ideal for protecting buildings like workshops etc). Further PIR's can be added.

You can use as many additional Receivers as needed for your application and up to 16 PIR's.

There are also many accessories that can be bought to go with this equipment including external siren, dial to your phone, plus many others, for details see the website at:

www.ultrasecuredirect.com

Link to see equipment in use: <https://www.youtube.com/watch?v=rbVhdqBMBU4>

