

The Pyronix range of **EQUINOX** Detectors



The Equinox detector range is particularly suitable to environments which are more susceptible to false alarm activations.

The Equinox provides many safeguards against false alarms experienced in hostile environments where, for example, there are rapid changes in air temperature e.g. kitchens, conservatories or draughty garages.

The range consists of four detectors which operate by harmoniously combining Passive Infra-Red and Microwave technologies which means it will not only look for a change in temperature but it will also look for a change in physical presence, eg, an intruder.

The Equinox range of combined technology detectors offers exceptional reliability and a lengthy feature list to comprehensively protect your property.

Features:

- **Compatible with all conventional alarm systems**
- **Exceptionally high false alarm immunity**
- **Designed and manufactured in the UK**
- **Reliable detection in areas of rapid temperature variance due to the application of Passive Infra-Red and Microwave technology.**
- **Low profile casing**
- **State-of-the-Art Design and Manufacturing**
- **Available in five versions, Equinox E, AM (Anti Masking), 10, 15 and Pet Immune.**



Manufacturers
of Quality
Security
Equipment



Manufactured
in the
U.K.

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EQUINOX

Detectors

SPECIFICATIONS

State-of-the-Art Design and Manufacturing

State-of-the-art production methods at Pyronix incorporate a process known as SMT. This ensures a consistently high quality of products and protects against problems caused by Radio Frequency. This means that false alarms as a result of radio waves such as those emitted from emergency services radio transmitters are minimised.

False Alarm Immunity

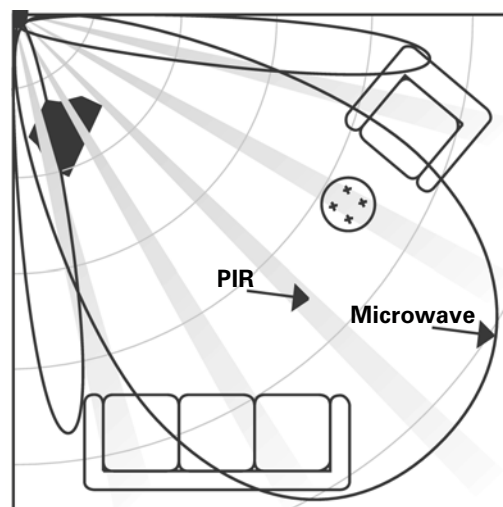
The Equinox range of detectors have many false alarm reducing features:

- The LED's on the front cover of the detector indicate which technology has been activated, Green for PIR and Amber for Microwave. When both technologies are triggered the central Red LED will also illuminate indicating an alarm condition. (Only when both technologies have been triggered will an alarm activation take place). In a true intruder situation this process will only take a split second.
- Pyronix have developed a system known as IFT which filters out interference caused by external electrical sources.
- The sensitivity of the detector can be adjusted to suit the environment by using the Analogue or Digital Pulse Count features (depending on model).
- Sealed Optics ensure against false alarms caused by insects which may interfere with the sensor inside the detector.
- A Robust 3 mm thick case protects the components inside the Equinox.
- An Anti-masking feature (in the AM version only) ensures against sabotage attempts by detecting any blockage of either PIR or microwave sensors at short range.
- Up to 1 metre from ground level, the Pet Immune detector will provide approximate animal immunity of up to 100lbs/45kgs.

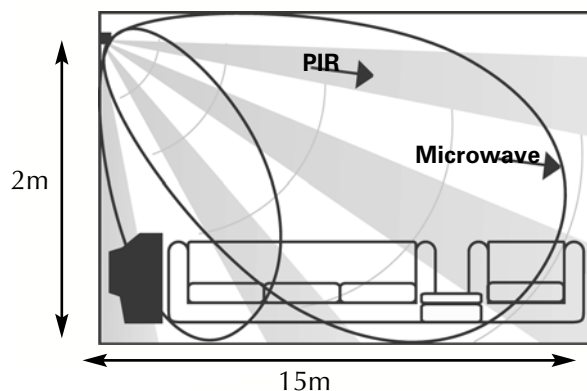
As with all adjustments to your detector these will be carried out by your installer.

Your professional installer of Security Equipment is:

As part of our continued development programme specifications may change.
EQUINOX is a trade mark of Pyronix Ltd.



View from top of room being protected by an Equinox.



Side view with creep zone lens (E & AM only)



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