



One family for all your detection needs.

The KX Series comprising of 9 detectors in one common housing offers the ultimate in flexibility. Utilising the latest detection technologies, this extensive range with interchangeable pcb modules allows simple exchange or easy upgrading. No matter the application or environment, the KX series is the perfect choice.

### KX15ED 15m Economy Dual PIR Detector

Selectable EOL Resistors  
Hi / Low Sensitivity Settings

COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15DD 15m Digital Dual PIR Detector

Selectable EOL Resistors  
Selectable NO or NC Relay  
Digital Signal Processing  
Digital Temperature Compensation

COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15DQ 15m Digital Quad PIR Detector

Selectable EOL Resistors  
Selectable NO or NC Relay  
Digital Signal Processing  
Digital Temperature Compensation

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15DP 15m Digital Pet PIR Detector

Selectable EOL Resistors  
Digital Signal Processing  
Immunity up to 36kg animal  
Digital Temperature Compensation

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX18EC 18m Economy Curtain PIR Detector

Selectable EOL Resistors  
Vertical Curtain Coverage

COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX18DC 18m Digital Curtain PIR Detector

Selectable EOL Resistors  
Digital Signal Processing  
Bi-directional Curtain Coverage  
Digital Temperature Compensation

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15DT 15m Dual Technology Digital Detector

Selectable EOL Resistors  
Selectable NO or NC Relay  
AND / OR Technology  
Digital Temperature Compensation

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15DW 15m Digital Wireless PIR Detector

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 2  
Environmental Class 2



### KX15AM 15m Dual Technology Anti Masking Detector

Selectable EOL Resistors  
Selectable NO or NC Relay  
AND / OR Technology  
Digital Temperature Compensation

INDUSTRIAL / COMMERCIAL / RESIDENTIAL  
Complies with EN50131-1  
Security Grade 3  
Environmental Class 3



EUROPEAN STANDARDS-LEGAL AND ENGINEERING  
The KX range meets the 2007 requirement for security products to provide immunity up to 2000Mhz NOW! This ensures that our products are able to deal with the increasing spread of the third generation mobile phones infrastructure operating at 1800Mhz  
The KX Series conforms to:- 89/336/EEC Electro-magnetic Compatibility (EMC) Directive, 99/05/EC Radio & Telecommunication Terminal Equipment (RTE) Directive.  
This product has been independently tested and certified against the following engineering standards:  
EN55022 Electromagnetic Emissions Class B  
EN50130-4 Electromagnetic Immunity  
EN60950 Safety of Information Technology Equipment  
The CE Mark attached to this product is a declaration by the manufacturer that this product complies with all applicable European Directives including Health & Safety, environmental and customer protection requirements.  
UK Registered Design Numbers: 3015882  
As part of our continued development programme specifications may change

## NOW AVAILABLE!

The KX15DQ, 15m Digital Quad Detector is the very latest development in Passive Infrared Receiver (PIR) Detection from Pyronix.

This detector combines innovative features with Pyronix' tried and tested technologies offering outstanding detection performance with optimum reliability.



## SELECTABLE END OF LINE (EOL) RESISTORS

The KX15DQ has on-board selectable resistor values of 5K6, 4K7, 2K2 and 1K catering for most control panels on the market, completely eliminating the need for separate resistors. When using the KX15DQ in-built EOL resistors, installation is kept to a minimum, no awkward wiring or checking resistor colour codes. Simply move the header links supplied to the resistor values required. The KX15DQ even has the flexibility to still be wired as conventional normally closed loops.

NEW

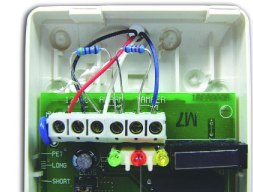
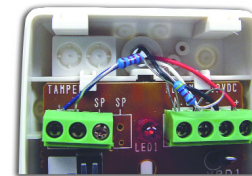
### KX15DQ

#### Selectable End of Line (EOL)

Selectable Alarm Resistor Values	Selectable Tamper Resistor Values
5K6 ohm	5K6 ohm
4K7 ohm	4K7 ohm
2K2 ohm	2K2 ohm
1K ohm	1K ohm

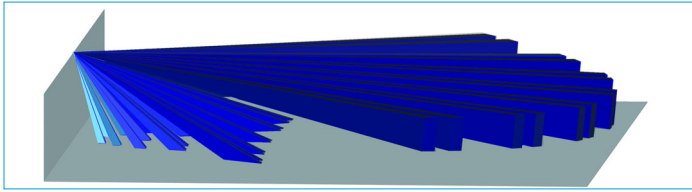
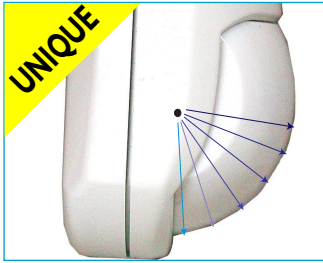
## OTHER DETECTORS

### End of Line (EOL) Resistor Wiring



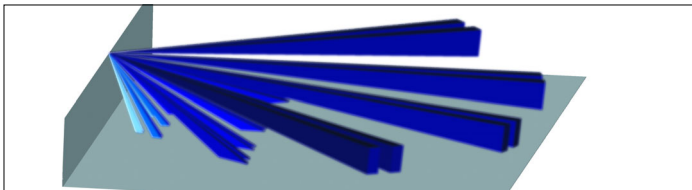
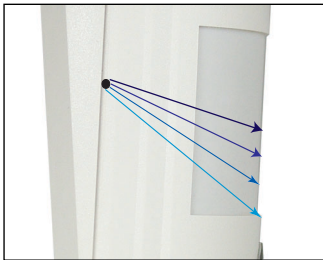
## ASPHERICAL LENS

KX15DQ



In the KX15DQ, the distance between the pyro-electric sensor and the lens is identical for each detection zone lens. This eliminates distortion and provides excellent focused zones.

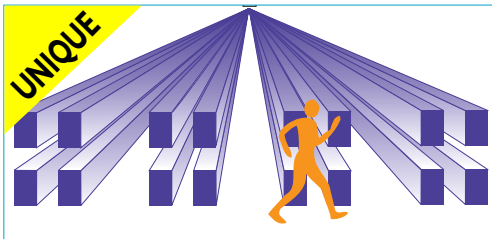
## OTHER DETECTORS



In traditional PIRs, the lens is made in a flat form and bent in the form of a cylinder. Therefore the distance between the pyro-electric sensor and the lens varies for each detection zone lens. This causes distortion and unfocused zones.

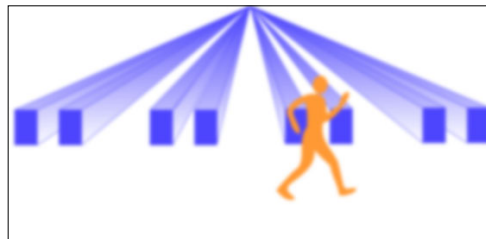
## DETECTION ZONES

KX15DQ



- 3D sharply focused zones
- Results in a sharply focused target
- Accurate signals received back to pyro-electric sensor

## OTHER DETECTORS



- Unfocused zones
- Unfocused target
- Inaccurate signals received back to pyro-electric sensor

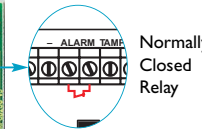
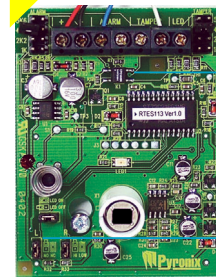
Diagrams are for pictorial representation only.

## SELECTABLE NORMALLY OPEN (NO) OR NORMALLY CLOSED (NC) RELAY

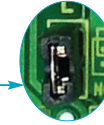
NEW

Normally Closed Option

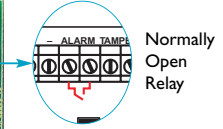
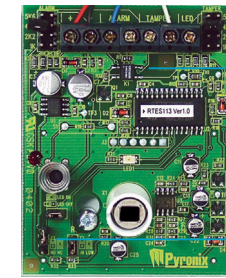
Normally Open Option



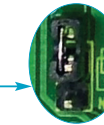
Normally Closed Relay



Header on



Normally Open Relay



Header off

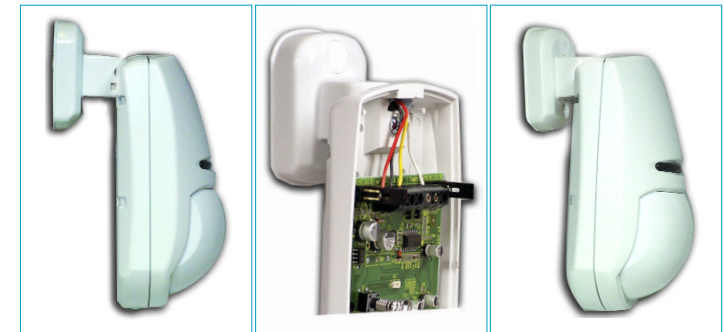
By having a solid state relay that can be selected as normally open (NO) or normally closed (NC) the KX15DQ is the natural choice for those seeking a high quality PIR for applications such as switching CCTV cameras.

NEW

## TAMPER PROOF BRACKETS

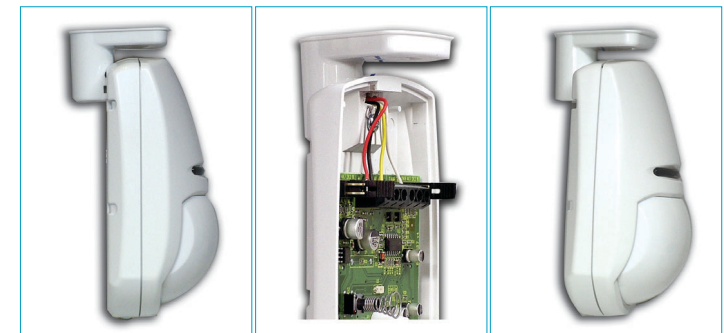
### WALL BRACKET

- High impact strength white (ABS)
- High resistance to reorientation (EN50131-1 requirement)
- Provides access for two 8 core cables
- Tamper option



### CEILING BRACKET

- High impact strength white (ABS)
- High resistance to reorientation (EN50131-1 requirement)
- Provides access for two 8 core cables
- Tamper option



Both brackets are supplied with KX15DQ