THE KX SERIES

The KX Series comprising of 6 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
- Dual Element PIR Detector
- 15 m Volumetric coverage (Lens 2)
- Dual Element Pyro-electric Sensor
- Patented Independent Floating Thresholds (IFT)
- Temperature compensation

KX15DQ
- Blue Wave Technology Detector
- 15 m Volumetric coverage (Lens 2)
- Blue Wave Technology
- Patented Independent Floating Thresholds (IFT)
- Remote LED Enable Input
- Digital temperature compensation

KX18DC
- Digital Curtain PIR Detector
- 18 m Vertical Curtain & 30 m Long Range Lenses Supplied
- Solid Vertical Curtain Detector: Ensures solid vertical curtain coverage which is ideal for protecting areas such as windows, doors or ceilings and also offers excellent internal perimeter protection. It is ideal for use in environments where a window needs to be protected, but the remainder of the room may be in use.
- Dual Element Pyro-electric Sensor
- Patented Independent Floating Thresholds (IFT)
- Remote LED Enable Input
- Digital temperature compensation

KX110DP
- Digital Pet Immune Detector
- Immunity up to 24 kg animal
- Utilising unique pet discrimination technology, the KX110DP provides optimum intruder catch performance whilst intelligently differentiating between pets and humans. This combined with Pyronix' patented Independent Floating Threshold Technology ensures unsurpassed stability and guarantees optimum performance at all times.
- Dual Element Pyro-electric Sensor
- 10 m Fixed Detection Range
- Patented Independent Floating Thresholds (IFT)
- Remote LED Enable Input
- Digital temperature compensation

KX15DT
- Digital Combined PIR and Microwave Detector
- Digital Combined PIR and Microwave Blue Wave Technology Detector
- Dual Element Pyro-electric Sensor
- 15 m Detection Range
- Patented Independent Floating Thresholds (IFT)
- Triple LED Indication
- Microwave Frequency Options
- X-band DRO Based Microwave
- Patented Independent Floating Thresholds (IFT)
- Digital temperature compensation

KX15DTAM
- 3-in-1 Digital Combined Digital PIR and Microwave Detector
- 3-in-1 Digital Combined Digital PIR and Microwave Blue Wave Technology Detector
- Supplied with the following lenses:
  - 15 m Volumetric Dual Technology
  - 15 m Vertical Curtain PIR
  - 30 m Long Range PIR
- Unique Patented Anti-Masking Detection
- 0-1 m Adjustable Mask Detection
- Selectable ECL Resistors for Alarm, Tamper, Mask/Fault
- Anti-Block Technology
- Active Self Test
- AND/OR Technology
- Patented Independent Floating Thresholds (IFT)
- Remote LED Enable Input
- Low Voltage Fault Detection
- Front and Back Tamper
- Digital temperature compensation

EN 50131-2-2
EN 50131-1-2
Security Grade 2 Environmental Class 2

EN 50131-2-4
EN 50131-1-2
Security Grade 3 Environmental Class 2
Industrial • • • •
Commercial • • • • • •
Residential • • • • • •

Selectable EOL Resistors
Security Grading EN 50131-2-2 &
Low Voltage Fault Detection
Solid State Relays
Unique Patented Anti-masking Detection
Microwave Frequency Options
Remote LED Enable Input
Tamper Proof Brackets
Triple LED Indication
Unique Pet Discrimination
Solid State Relays
Low Voltage Fault Detection

Security Grading
EN 50131-2-2 &
EN 50131-1 Grade 2
EN 50131-1 Grade 2
EN 50131-1 Grade 2
EN 50131-1 Grade 2
EN 50131-1 Grade 2

Residential • • • • •
Commercial • • • • •
Industrial • • • • •

**Lenses**

**Lens 1 - 10m Volumetric**

**Lens 2 - 15m Volumetric**

**Lens 3 - 18m Solid Vertical Curtain**

**Lens 4 - 30m Long Range**

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**Common Features**

**Selective End of Line (EOL) Resistors**

The KX Series* has on-board selectable alarm resistor values catering for most control panels on the market. When using the KX Series 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 KX Series even has the flexibility to still be wired as conventional normally closed loops.

<table>
<thead>
<tr>
<th>Selectable Alarm Resistor Values</th>
<th>Selectable Tamper Resistor Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.8K Ω</td>
<td>5.6K Ω</td>
</tr>
<tr>
<td>5.6K Ω</td>
<td>4.7K Ω</td>
</tr>
<tr>
<td>4.7K Ω</td>
<td>2.2K Ω</td>
</tr>
<tr>
<td>2.2K Ω</td>
<td>1K Ω</td>
</tr>
</tbody>
</table>

*The KX15DTAM also has Mask / Fault Selectable EOL resistors. †Available on the KX15DQ, KX15DC & KX15DP only

**Aspherical Lens**

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

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

**Tamper Proof Brackets**

Wall and Ceiling Brackets supplied in high impact strength white ABS plastic. These brackets provide a high resistance to reorientation, with the option of tamper protection while providing access for two 16 core cables.

**Compliance**

Suitable for use with systems installed to PD6662:2004 and EN50131-1

**Dimensions and Weight**

Dimensions: 117 x 69 x 50mm
Weight: 125g (4.4oz) without bracket

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Dimensions and Weight

Dimensions: 117 x 69 x 50mm
Weight: 125g (4.4oz) without bracket

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As part of our continued development programme specifications of the KA may change.

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