

KX15DT



## Dual technology detection

Deliver the ideal indoor detection

Ideal internal detection for any room. Fit the wired KX15DT and the user can rest assured that they have great detection and protection for their property.

Complies with EN50131-1

[www.pyronix.com](http://www.pyronix.com)

# KX15DT



Ultimate reliability with Dual Technology (DT)

Consisting of both a Passive Infrared (PIR) and microwave sensor in one housing, both sensors need to be activated simultaneously to get an alarm condition. This increases stability and makes the KX15DT ready to detect in even the harshest environments.

Adaptable, optimised & stylish

- **AND/OR**

Allows the detector to operate as a standard DT detector in 'AND' mode, or as a microwave detector, in environments where there is risk of the PIR being blocked, in 'OR' mode.

- **Volumetric detection**

Ideal large area coverage for living rooms, dining rooms, kitchens and more.

- **15m detection coverage**

Detection coverage up to 15m.

- **ABS plastics**

3mm polished finish produces a professional and sleek finish while reducing electrostatic interference on the PIR sensor.

- **Sealed optics**

Protect the detector from possible insect infestation, shields air movement in front of the pyro-electric sensor and protects against adverse reflections from inside the detector housing.

- **Triple LED indication**

The KX15DT indicates the detection technologies as they detect, with orange indicating 'microwave', green indicating 'PIR' and blue indicating an alarm activation.

Avoid false alarms with Blue Wave Technology (BWT)

Advanced signal processing and 3D optics safeguard against false alarms and improve immunity to interference:

- **Digital temperature compensation**

Digitally adjusts the sensitivity of the detector to maintain its specified range when the background temperature is close to body temperature.

- **Automatic sensitivity**

The detector self-adapts to changing environmental conditions to maintain stability and intruder catch performance.

- **Independent Floating Thresholds (IFT)**

Eliminates electrical environmental disturbances by ensuring alarm thresholds are always kept within predetermined limits.

- **Optical 3D system**

Improves the detection of moving targets, ensures more precise signals can be received from the PIR and allows protection of the area below the detector (creep zone).

Partcode	KX15DT
Optical & Range Features	
Adjustable anti-masking (Anti-spray)	✗
Volumetric coverage	✓
Curtain coverage	✗
Long range coverage	✗
Maximum range	15m
Optimal installation height	1.8-2.4m
Creep-zone protection	✓
Technical Characteristics	
Animal immune	✗
Blue Wave Technology	✓
Automatic sensitivity	✓
Digital temperature compensation	✓
Anti-cloaking technology AND/OR	✓
Separate indication: Microwave, PIR and Alarm	✓
3 microwave frequencies to avoid interference	✓
EOL resistors on board	✓
Tamper protection included	✓
Accessories	
Wall/Ceiling brackets included (KXBRACKET-C, KXBRACKET-W)	✓
Long range and curtain lenses included (KX30-LR e KX18-LC)	✗
Anti-tamper kit included (KX-TAMPER)	✗
Certification & Warranty	
Electrical conformity	CE
EN50131	Grade 2
Environmental class	II
	CA12.01175
Warranty	5 years

- **Different microwave frequencies**

Avoids interference (cross-talk) that can occur when two detectors with microwave modules in them are installed within close proximity of each other. This optimises detector stability.

Beat the burglar with tamper proof brackets

Supplied with tamper proof brackets to ensure that maximum security is maintained against accidental or malicious tampering of the system.

Faster & more efficient wiring with selectable EOL resistors

The KX15DT incorporates various EOL tamper and alarm resistor values to cater for DEOL wiring for most control panels on the market.