

RUS

## ТЕХНИЧЕСКИЕ ДАННЫЕ (КРАТКО)

Модель:	<b>KX15DT</b>
Цвет:	Белый
Корпус:	3мм ABS пластик, линза 0,4мм ПЭНД
Метод обнаружения:	Двухплощадный пирозлектр. сенсор и СВЧ детектор на эффекте Доплера
Чувствительность:	автоматиуеско или PC1
Термокомпенсация:	Цифровая
Дальность действия	15м (ИК канал), 0-15м (СВЧ канал)
Зона обнаружения:	74 рубежей
Скорость обнаружения:	0,3 - 3,0 м/с
Напряжение питания:	9 - 16В пост. тока
Ток потребления:	24мА @ 12В (мин.), 30мА @ 12В (макс.)
Выход тревоги:	60В пост. тока, 50мА (42,4В перем. тока)
Высота установки:	1.8м - 2.4м
Выход самоохраны:	12В 50мА
Температура хранения:	-40°C to 80°C (-40°F to 176°F)
Рабочая температура:	-30°C to 70°C (-22°F to 158°F)
Аксессуары:	Настенный и потолочный кронштейн
Излучение:	EN55022 Class B
Помехоустойчивость:	EN50130-4

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## SPECIFICHE TECNICHE

Modello:	<b>KX15DT</b>
Colore:	Bianco
Involucro:	ABS 3mm, HDPE 0.4mm area della Lente
Metodo di Rivelazione:	Doppio Elemento Piro-Elettrico basso rumore & Sensore a Microonde Doppler
Sensibilit�:	automatico o PC1
Compensazione Temperatura:	Digitale
Portata:	15m (PIR), 0-15m (Microonda)
Zone di Rivelazione:	74
Velocita' di Rivelazione:	0.3 - 3.0 m/s
Tensione Operativa:	9 - 16Vcc
Corrente (consumo):	24mA @ 12V (Min.), 30mA @ 12V (Max.)
Uscita Rele':	Limite SELV; 60Vcc, 50mA (Picco 42.4Vac)
Altezza di Montaggio:	1.8m - 2.4m
Switch Antisabotaggio:	12V 50mA
Temperat. Stoccaggio:	-40°C a 80°C (-40°F to 176°F)
Temperat. Operativa:	-30°C a 70°C (-22°F to 158°F)
Accessori (inclusi):	Staffa montaggio a Parete e Soffitto
Emissioni:	EN55022 Classe B
Immunit�:	EN50130-4

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This is a national rate line  
customer.support@pyronix.com  
www.pyronix.com

### WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of five years.

In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice.

<b>A</b>	ДИАГРАММЫ НАПРАВЛЕННОСТИ ЗОНЫ ОБНАРУЖЕНИЯ
<b>A1</b>	ОХВАТ ПО ГОРИЗОНТАЛИ
<b>A2</b>	ОХВАТ ПО ВЕРТИКАЛИ
<b>A3</b>	СВЧ КАНАЛ ЗОНА ОХВАТА И РЕГУЛИРОВКА
<b>B</b>	ВЕС И ГАБАРИТЫ
<b>C</b>	УСТАНОВКА
<b>C1</b>	ВИНТ КРЕПЛЕНИЯ ЛИЦЕВОЙ ЧАСТИ
<b>C2</b>	ВЫБИВНЫЕ ОТВЕРСТИЯ
<b>C3</b>	МОНТАЖ НА СТЕНУ
<b>C4</b>	СБОРКА НАСТЕННОГО КРОНШТЕЙНА
<b>C5</b>	СБОРКА ПОТОЛОЧНОГО КРОНШТЕЙНА
<b>D</b>	Программирование
<b>D1</b>	Настройка фильтра наводок от сети (50/60 Гц)
<b>D2</b>	Чувствительность:
<b>D3</b>	Выбор логики совмещения (И/ИЛИ)
<b>D4</b>	Регулировка чувствительности СВЧ канала
<b>D5</b>	Включение/выключение индикации срабатывания
<b>E</b>	ПЕРЕМЫЧКИ ВЫБОРА НОМИНАЛА ОКОНЕЧНЫХ РЕЗИСТОРОВ
<b>E1</b>	КОРОТКОЗАМКНУТЫЙ ШЛЕЙФ (без оконечных резисторов)
<b>E2</b>	ШЛЕЙФ С 1-М ОКОНЕЧНЫМ РЕЗИСТОРОМ (например, резистор 4,7 кОм)
<b>E3</b>	ШЛЕЙФ С 2-МЯ ОКОНЕЧНЫМИ РЕЗИСТОРАМИ (например, два резистора по 4,7 кОм)
<b>E4</b>	ПРИМЕР ШЛЕЙФА С УДВОЕНИЕМ ЛУЧЕЙ
<b>E5</b>	ДВА ИЗВЕЩАТЕЛЯ В ОДНОМ ШЛЕЙФЕ С ОКОНЕЧН. РЕЗ.
<b>F</b>	ЛОГИКА СОВМЕЩЕНИЯ КАНАЛОВ
<b>G</b>	ИНДИКАЦИЯ СРАБАТЫВАНИЯ

<b>A</b>	DIAGRAMMA DI COPERTURA E VISTA IN PIANTA
<b>A1</b>	COPERTURA ORIZZONTALE
<b>A2</b>	COPERTURA VERTICALE
<b>A3</b>	COPERTURA E REGOLAZIONE DELLA MICROONDA
<b>B</b>	PESO E DIMENSIONI
<b>C</b>	INSTALLAZIONE
<b>C1</b>	ALLENARE LA VITE PER TOGLIERE IL COPERCHIO
<b>C2</b>	PREDISPOSIZIONI DELL'INVOLUCRO
<b>C3</b>	MONTAGGIO A PARETE
<b>C4</b>	FISSAGGIO STAFFA A PARETE
<b>C5</b>	FISSAGGIO STAFFA A SOFFITTO
<b>D</b>	PROGRAMMAZIONE
<b>D1</b>	FREQUENZA RETE - 50/60 HZ
<b>D2</b>	SENSIBILITA
<b>D3</b>	IMPOSTAZIONE AND/OR
<b>D4</b>	IMPOSTAZIONE PORTATA MICROONDA
<b>D5</b>	ABILITA/DISABILITA LED D'ALLARME
<b>E</b>	IMPOSTAZIONE RESISTENZE EOL
<b>E1</b>	ESEMPIO IMPOSTAZIONE DI ZONA NORMALMENTE CHIUSA
<b>E2</b>	ESEMPIO IMPOSTAZIONE SEOL
<b>E3</b>	ESEMPIO IMPOSTAZIONE DEOL
<b>E4</b>	ESEMPIO DI ZONE RADDOPPIATE
<b>E5</b>	ESEMPIO DI DUE RIVELATORI DEOL IN UNA ZONA
<b>F</b>	MODALITA' AND/OR
<b>G</b>	LED DI SEGNALEZIONE



# KX15DT®

## 15m Dual Technology Digital Detector



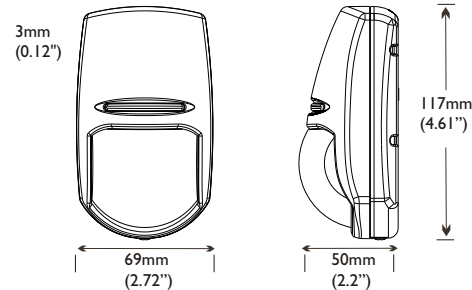
## SPECIFICATIONS (QUICK REFERENCE)

Model:	<b>KX15DT</b>
Colour:	White
Casing:	3mm ABS, 0.4mm HDPE in Lens area
Detection Method:	Low Noise Dual Element Pyroelectric Sensor & Microwave Doppler Sensor
PIR Sensitivity:	Auto or PC1
Temperature Compensation:	Digital
Detection Range:	15m (PIR), 0-15m (Microwave)
Detection Zones:	74
Detection Speed:	0.3 - 3.0 m/s
Operating Voltage:	9 - 16V DC
Current Consumption:	24mA @ 12V (Min), 30mA @ 12V (Max)
Relay Output:	SELV limits; 60V DC, 50mA (42.4V AC Peak)
Mounting Height:	1.8m - 2.4m
Tamper Switch:	12V 50mA
Storage Temperature:	-40°C to 80°C (-40°F to 176°F)
Operating Temperature:	-30°C to 70°C (-22°F to 158°F)
Accessories:	Wall and Ceiling Mounting Brackets Included
Emissions:	EN55022 Class B
Immunity:	EN50130-4

## AVOIDING FALSE ALARMS

1. Avoid placing the detector in direct sunlight.
2. Do not let pets and other animals wander freely whilst the alarm system is armed.
3. Do not mount the detector near heaters or radiators.
4. Do not mount the detector near open windows or air vents, as draughts may cause false alarms.
5. Mount the detector on a stable surface.
6. Do not run cable parallel to mains wiring.

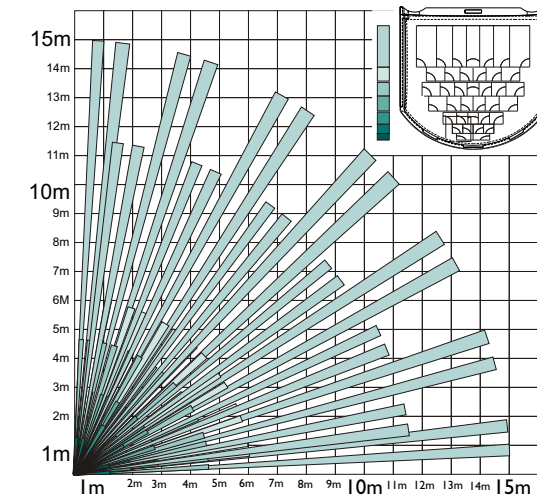
## B WEIGHT AND DIMENSIONS



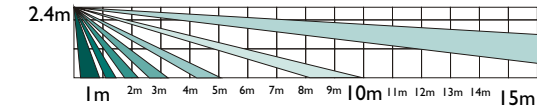
= 125g (4.4 oz) without bracket

## A COVERAGE PATTERN AND PLAN VIEW

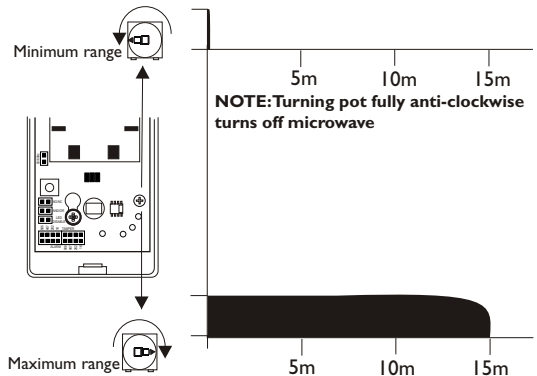
### A1 HORIZONTAL COVERAGE



### A2 VERTICAL COVERAGE



### A3 MICROWAVE COVERAGE AND ADJUSTMENT



## POWER UP

When the detector is first powered up, it will run through a self-test routine, indicated by the flashing LED.

RINS549-6

C

INSTALLATION

C1

CASE LID SCREW FITTING

C2

CASING KNOCKOUTS

C3

WALL MOUNTING

C4

WALL BRACKET FITTING

C5

CEILING BRACKET FITTING

D

PROGRAMMING

D1

MAINS FREQUENCY

D2

PIR SENSITIVITY

D3

AND/OR

D4

MICROWAVE SENSITIVITY ADJUST

D5

ALARM LED

E

EOL RESISTOR HEADERS

E1

NORMALLY CLOSED WIRING

E2

SEOL HEADER EXAMPLE

E3

DEOL HEADERS EXAMPLE

NOTE:When mounting the detector,ensure that it is not tilting backwards.

LEDs  
Left = Orange (Microwave)  
Center = Blue (Alarm)  
Right = Green (PIR)

MICROWAVE MODULE

PYRO SENSOR

EOL RESISTANCE HEADERS

OFF ON (Default)

E

EOL RESISTOR HEADERS

E1

NORMALLY CLOSED WIRING

E2

SEOL HEADER EXAMPLE

E3

DEOL HEADERS EXAMPLE

The KX15DT has two sets of header pins at the bottom PCB. These headers are used to select the End Of Line resistance for EOL wiring applications. If EOL wiring is not used, leave the headers OFF.

The set to the left selects the value of the resistance across the ALM (alarm) relay. The set to the right selects the value of the End Of Line resistor.

If the resistance value you require is not selectable, leave the headers off and wire a resistor of the required value between the appropriate terminals as shown.

This symbol illustrates where the resistors are connected internally

E4

ZONE DOUBLING EXAMPLE

E5

TWO DEOL DETECTORS TO ONE ZONE EXAMPLE

2k2 resistor

F

AND/OR MODES

AND = Conventional Dual Tech (Both technologies need to be triggered simultaneously to generate an alarm) – Default

OR = If either single technology detects prolonged intruder activity an alarm will be generated

Please refer to D

G

LEDs

Orange LED = Microwave activation

Green LED = PIR activation

BLUE LED = PIR & Microwave alarm activation

NOTE:When the detector is first powered up, it will run through a self-test routine, indicated by the flashing orange and green LEDs.

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SPECIFICATIONS (VUE D'ENSEMBLE)

Modèle: KX15DT

Couleur: Blanc

Boîtier: 3mm ABS, 0.4mm HDPE champs de lentille

Méthode de détection: Low Noise Dual Element Pyroelectric Sensor & Microwave Doppler Sensor

Sensibilité PIR: automatique ou PCI

Compensation température: Digital

Champs de détection: 15m (PIR), 0-15m (Micro-Ondes)

Détection Zones: 74

Vitesse de détection: 0.3 - 3.0 m/s

Alimentation: 9 - 16V DC

Consommation: 24mA @ 12V (Min), 30mA @ 12V (Max)

Sortie relais: SELV limits; 60V DC, 50mA (42.4V AC Peak)

Hauteur de montage: 1.8m - 2.4m

Contact sabotage: 12V 50mA

Température hors service: -40°C à 80°C (-40°F to 176°F)

Température d'opération: -30°C à 70°C (-22°F to 158°F)

Accessoires: Support mural & plafond inclus

Émissions: EN55022 Class B

Immunité: EN50130-4

A SCHEMA DE LA PORTÉE ET VUE DU PLAN

A1 PORTÉE HORIZONTALE

A2 PORTÉE VERTICALE

A3 PORTÉE MICRO-ONDES ET AJUSTEMENT

B POIDS ET DIMENSIONS

C INSTALLATION

C1 VIS POR LE COUVERCLE

C2 DÉBOUCHURES COUVERCLE

C3 FIXATION MURALE

C4 SUPPORT MURAL

C5 SUPPORT PLAFOND

D PROGRAMMATION

D1 SENSIBILITÉ PIR

D2 PROGRAMMATION DE LA POLARITE DU RELAIS

D3 ET/OU PROGRAMMATION

D4 PROGRAMMATION DE L'AJUSTEMENT DE LA SENSIBILITE DES MICRO-ONDES

D5 PROGRAMMATION DU LED ALARME

E RÉSISTANCES EOL

E1 RACCORDEMENT NORMALEMENT FERMÉE

E2 EXEMPLE HEADER SEOL

E3 EXEMPLE HEADER DEOL

E4 EXEMPLE DOUBLAGE DES ZONES

E5 DEUX DÉTECTEURS DEOL VERS UNE ZONE

F MODES ET/OU

G LEDS

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