

ТЕХНИЧЕСКИЕ ДАННЫЕ (КРАТКО)	
Модель:	KX15ED
Цвет:	Белый
Корпус:	3мм ABS пластик, линза 0,4мм ПЭНД
Метод обнаружения:	Четырехплощадный пироэлектр. сенсор
Чувствительность:	Высокая, Низкая
Термокомпенсация:	Цифровая
Дальность действия	15м
Зона обнаружения:	74
Скорость обнаружения:	0,3 - 3,0 м/с
Напряжение питания:	9 - 16В пост. тока
Ток потребления:	11мА @ 12В (мин.), 12мА @ 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

SPECIFICHE TECNICHE	
Modello:	KX15ED
Colore:	Bianco
Involucro:	ABS 3mm, HDPE 0.4mm area della Lente
Metodo di Rivelazione:	Elemento Piro-Elettrico Quad basso rumore
Sensibilit�:	Alta (metodo SPP+), Bassa (metodo SPP+1)
Compensazione Temperatura:	Digitale
Portata della Rivelazione:	15m
Zone di Rivelazione:	74
Velocit� di Rivelazione:	0.3 - 3.0 m/s
Tensione Operativa:	9 - 16V CC
Corrente (consumo):	12mA @ 12V
Uscita Rele':	Limite SELV; 60V CC, 50mA (Picco 42.4V AC)
Altezza di Montaggio:	1.8m - 2.4m
Switch Antimanomissione:	12V 50mA
Temperatura di Stoccaggio:	-40°C a 80°C (-40°F a 176°F)
Temperatura Operativa:	-30°C a 70°C (-22°F a 158°F)
Accessori:	Staffa montaggio a Parete e Soffitto incluse
Emissioni:	EN55022 Classe B
Immunit�:	EN50130-4

Pyronix Limited, Pyronix House
Braithwell Way, Hellaby,
Rotherham, S66 8QY, UK

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.

A	ДИАГРАММЫ НАПРАВЛЕННОСТИ ЗОНЫ ОБНАРУЖЕНИЯ
A1	ОХВАТ ПО ГОРИЗОНТАЛИ
A2	ОХВАТ ПО ВЕРТИКАЛИ
B	ВЕС И ГАБАРИТЫ
C	УСТАНОВКА
C1	ВИНТ КРЕПЛЕНИЯ ЛИЦЕВОЙ ЧАСТИ
C2	ВЫБИВНЫЕ ОТВЕРСТИЯ
C3	МОНТАЖ НА СТЕНУ
C4	СБОРКА НАСТЕННОГО КРОНШТЕЙНА
C5	СБОРКА ПОТОЛОЧНОГО КРОНШТЕЙНА
D	ВНУТРЕННЯЯ КОМПОНОВКА ИЗВЕЩАТЕЛЯ
E	ПЕРЕМЫЧКИ ВЫБОРА НОМИНАЛА ОКОНЕЧНЫХ РЕЗИСТОРОВ
E1	КОРОТКОЗАМКНУТЫЙ ШЛЕЙФ (без оконечных резисторов)
E2	ШЛЕЙФ С 1-М ОКОНЕЧНЫМ РЕЗИСТОРОМ (например, резистор 4,7 кОм)
E3	ШЛЕЙФ С 2-МЯ ОКОНЕЧНЫМИ РЕЗИСТОРАМИ (например, два резистора по 4,7 кОм)
E4	ПРИМЕР ШЛЕЙФА С УДВОЕНИЕМ ЛУЧЕЙ
E5	ДВА ИЗВЕЩАТЕЛЯ В ОДНОМ ШЛЕЙФЕ С ОКОНЕЧН. РЕЗ.

A	DIAGRAMMA DI COPERTURA E VISTA IN PIANTA
A1	COPERTURA ORIZZONTALE
A2	COPERTURA VERTICALE
B	PESO E DIMENSIONI
C	INSTALLAZIONE
C1	APERTURA DEL COPERCHIO
C2	PREDISPOSIZIONI DELL'INVOLUCRO
C3	MONTAGGIO A PARETE
C4	FISSAGGIO STAFFA A PARETE
C5	FISSAGGIO STAFFA A SOFFITTO
D	LAYOUT DEL SENSORE
E	IMPOSTAZIONE RESISTENZE EOL
E1	ESEMPIO IMPOSTAZIONE DI ZONA NORMALMENTE CHIUSA
E2	ESEMPIO IMPOSTAZIONE SEOL (SINGOLA FINE LINEA)
E3	ESEMPIO IMPOSTAZIONE DEOL (DOPPIA FINE LINEA)
E4	ESEMPIO DI ZONE RADDOPPIATE
E5	ESEMPIO DI DUE RIVELATORI DEOL IN UNA ZONA

Customer Support Line (UK only): 0870 122 3360
This is a national rate line

email: customer.support@pyronix.com
website: www.pyronix.com



SPECIFICATIONS (QUICK REFERENCE)

Model:	KX15ED
Colour:	White
Casing:	3mm ABS, 0.4mm HDPE in Lens area
Detection Method:	Low Noise Dual Element Pyroelectric Sensor
Sensitivity:	High (Pulse Count 1), Low (Pulse Count 3)
Temperature Compensation	Advanced Automatic
Detection Range:	15m
Detection Zones:	74
Detection Speed:	0.3 - 3.0 m/s
Operating Voltage:	9 - 16V DC
Current Consumption	12mA @ 12V (Min), 14mA @ 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



This product is suitable for use in systems designed to comply with PD6662:2004 at Security Grade 2 and Environmental Class 2.

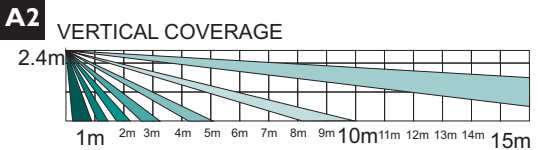
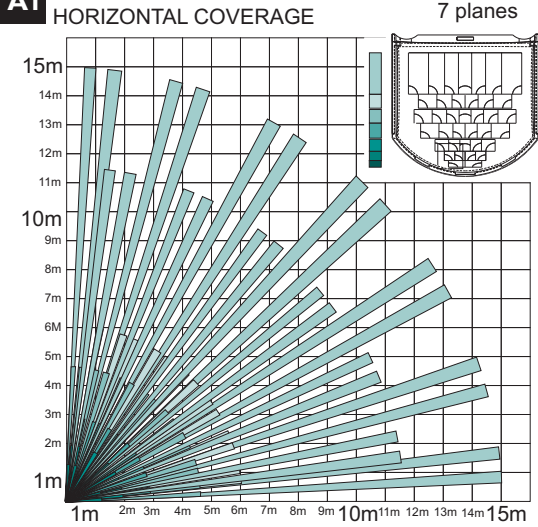
AVOIDING FALSE ALARMS

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.

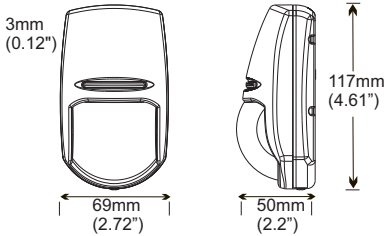
KX15ED[®]
15m Economy Dual PIR Detector



A COVERAGE PATTERN AND PLAN VIEW



B WEIGHT AND DIMENSIONS



kg = 105g (3.4 oz) without bracket



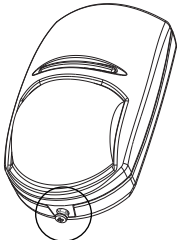
This product is approved for use in the Residential, Commercial and Light Industrial Environment.

C

INSTALLATION

C1

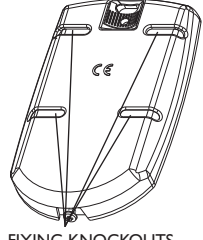
CASE LID SCREW FITTING



C2

CASING KNOCKOUTS

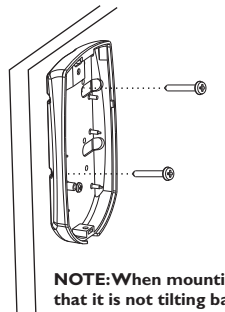
CABLE ENTRY KNOCKOUT



WALL FIXING KNOCKOUTS

C3

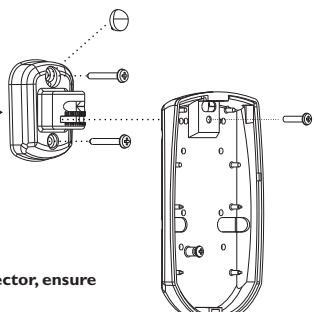
WALL MOUNTING



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

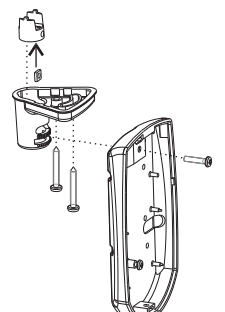
C4

WALL BRACKET FITTING



C5

CEILING BRACKET FITTING



D

PHYSICAL LAYOUT

SIGNAL PROCESSING SELECT

SENSITIVITY

Header On = HIGH (Default)

Header Off = LOW

High Sensitivity - Default (Recommended setting for warm climates)

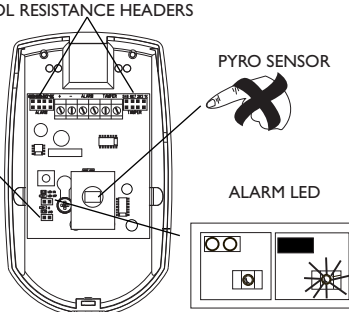
Low Sensitivity - (Recommended setting for cold climates)

EOL RESISTANCE HEADERS

PYRO SENSOR

ALARM LED

OFF ON (Default)



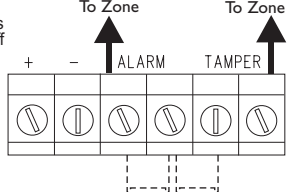
E

EOL RESISTOR HEADERS

The KX15ED has two sets of header pins on the PCB, one on either side of the connector blocks. 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 of the + terminal selects the value of the resistance across the ALARM relay. The set to the right of the TAMPER terminals selects the value of the End Of Line resistor.

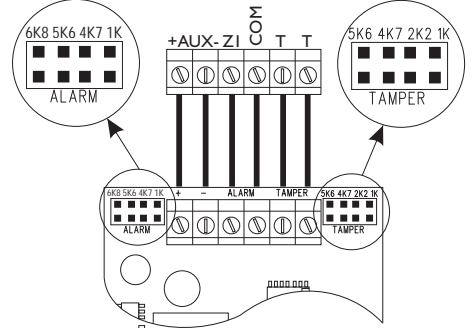
If the resistance value you require is not selectable, leave the headers off and wire a resistor of the required value between the appropriate terminals as shown.



This symbol illustrates where the resistors are connected internally

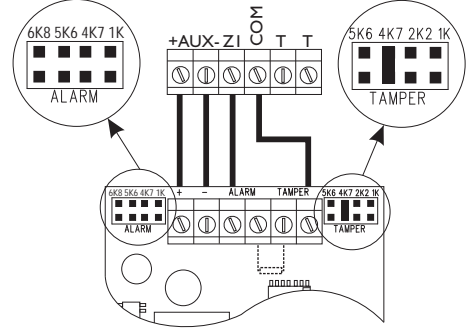
E1

NORMALLY CLOSED WIRING



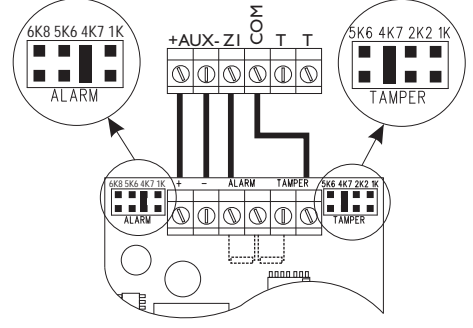
E2

SEOL HEADER EXAMPLE



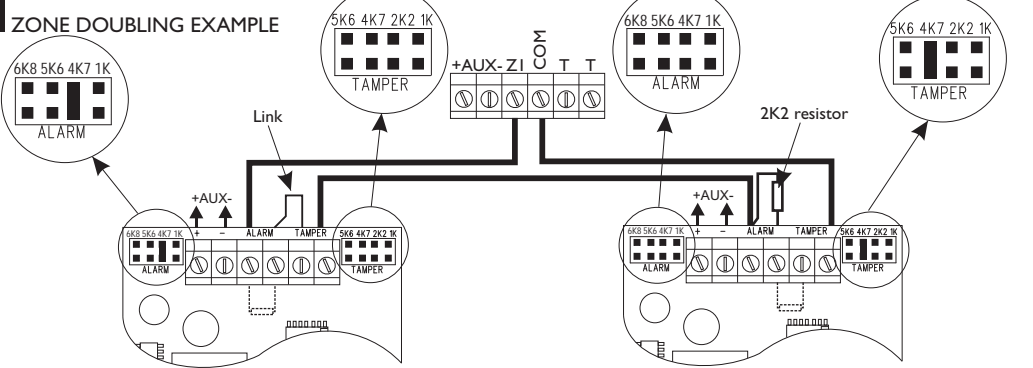
E3

DEOL HEADERS EXAMPLE



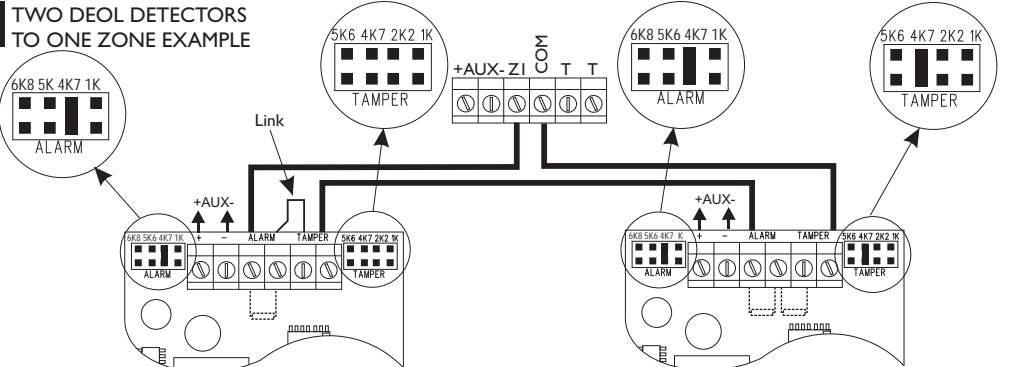
E4

ZONE DOUBLING EXAMPLE



E5

TWO DEOL DETECTORS TO ONE ZONE EXAMPLE



FR

SPECIFICATIONS (VUE D'ENSEMBLE)

Modèle:	KX15ED
Couleur:	Blanc
Boîtier:	3mm ABS, 0.4mm HDPE champs de lentille
Méthode de détection:	Low Noise Dual Element Pyroelectric Sensor
Sensibilité:	Haut (Pulse Count 1), Bas (Pulse Count 3)
Compensation température:	Avancé automatique
Champs de détection:	15m
Détection Zones:	74
Vitesse de détection:	0.3 - 3.0 m/s
Alimentation:	9 - 16V DC
Consommation:	12mA @ 12V (Min), 14mA @ 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

B

POIDS ET DIMENSIONS

C

INSTALLATION

C1

VIS POR LE COUVERCLE

C2

DÉBOUCHURES COUVERCLE

C3

FIXATION MURALE

C4

SUPPORT MURAL

C5

SUPPORT PLAFON

D

LAYOUT PHYSIQUE

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