RUS

ТЕХНИЧЕСКИЕ ДАННЫЕ (КРАТКО)

Модель:	**KX15DC**
Цвет:	Белый
Корпус:	3мм ABS пластик, линза 0,4мм ПЭНД
Метод обнаружения:	Двухплощадный пироэлектр. сенсор
Чувствительность:	Высокая, Низкая
Термокомпенсация:	Цифровая
Дальность действия	18м
Зона обнаружения:	74 рубежей
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 - 4м
Выход самоохраны:	12В 50мА
Температура хранения:	-40ºC to 80ºC (-40ºF to 176ºF)
Рабочая температура:	-30ºC to 70ºC (-22ºF to 158ºF)
Аксессуары:	Настенный и потолочный кронштейн
Излучение:	EN55022 Class B
Помехоустойчивость:	EN50130-4
Варианты линз (опция):	30м Коридорная

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.
F СБОРКА ЛИНЗЫ
G 30м КОРИДОРНАЯ ЛИНЗА
G1 ОХВАТ ПО ГОРИЗОНТАЛИ
G2 ОХВАТ ПО ВЕРТИКАЛИ

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

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

CE

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

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.

KX18DC®

18m Digital Curtain PIR Detector

Pyronix®
www.pyronix.com

SPECIFICATIONS (QUICK REFERENCE)

Model:	**KX18DC**
Colour:	White
Casing:	3mm ABS, 0.4mm HDPE in Lens area
Detection Method:	Low Noise Dual Element Pyroeletric Sensor
Sensitivity:	High, Low
Temperature Compensation:	Digital
Detection Range:	18m
Detection Zones:	24
Detection Speed:	0.3 - 3.0 m/s
Operating Voltage:	9 - 16V DC
Current Consumption:	11mA @ 12V (Min), 12mA @ 12V (Max),
Relay Output:	SELV limits; 60V DC, 50mA (42.4V AC Peak)
Mounting Height:	1.8m - 4m
Tamper Switch:	12V 50mA
Storage Temperature:	-40ºC to 80ºC (-40ºF to 176ºF)
Operating Temperature:	-30ºC to 70ºC (-22ºF to 158ºF)
Accessories:	Wall and Ceiling Mounting Brackets Included
Emissions:	EN55022 Class B
Immunity:	EN50130-4
Optional Lenses Available:	30m Long Range

EN50131-1
Security Grade 2
Environmental Class 2

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

PIR REMOTE LED ENABLE

Function: *Enables the PIR LED during walk test mode, when the LED has been disabled by removing the LED link pin.*

Pyronix panels: *From user mode enter walk test mode. The PIR LED will be enabled. Walk test the PIR. When exiting walk test mode the PIR LED will be disabled again.*

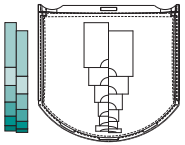
Connection: Connect (LED) to a PGM at the control panel programmed to be 0V when the system is in walk test mode.

AVOIDING FALSE ALARMS

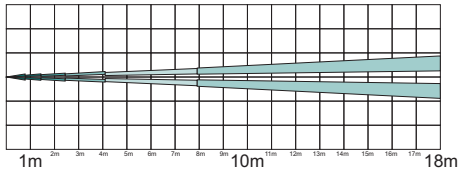
1. Avoid placing the detector in direct sunlight.
2. Do not let pets and other animals wander freely whilst the alarm system is armed.
3. Do not mount the detector near heaters or radiators.
4. Do not mount the detector near open windows or air vents, as draughts may cause false alarms.
5. Mount the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

A COVERAGE PATTERN AND PLAN VIEW

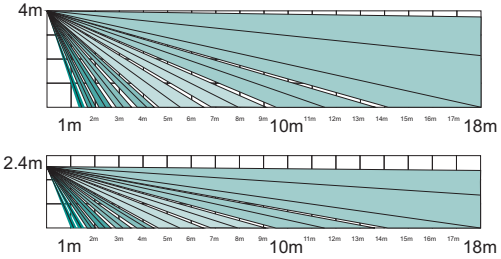
20°
24 zone edges
6 planes



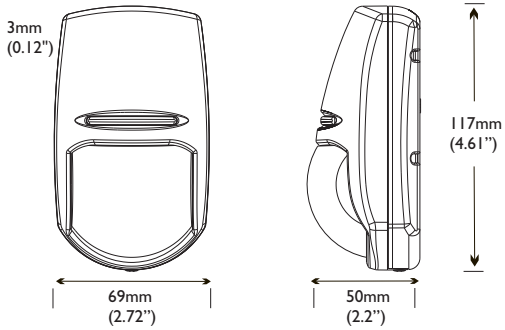
A1 HORIZONTAL COVERAGE



A2 VERTICAL COVERAGE



B WEIGHT AND DIMENSIONS



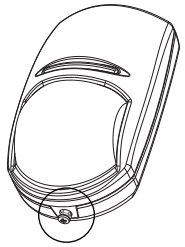
kg = 105g (3.4 oz) without bracket

POWER UP

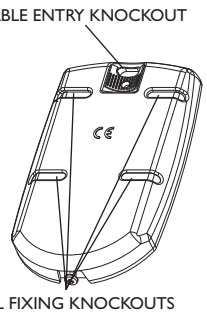
When the detector is first powered up, it will run through a self-test routine, indicated by the flashing LED.

C INSTALLATION

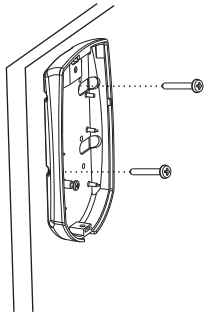
C1 CASE LID SCREW FITTING



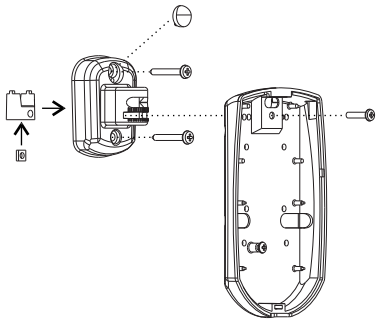
C2 CASING KNOCKOUTS



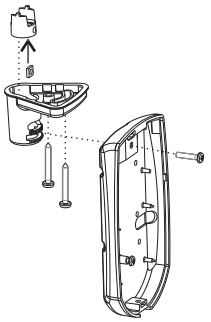
C3 WALL MOUNTING



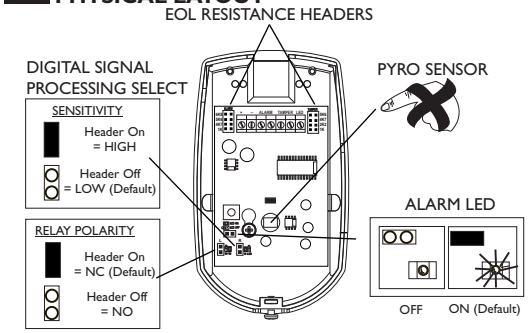
C4 WALL BRACKET FITTING



C5 CEILING BRACKET FITTING



D PHYSICAL LAYOUT

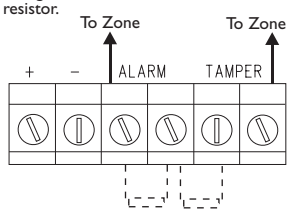


E EOL RESISTOR HEADERS

The KX18DC 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.

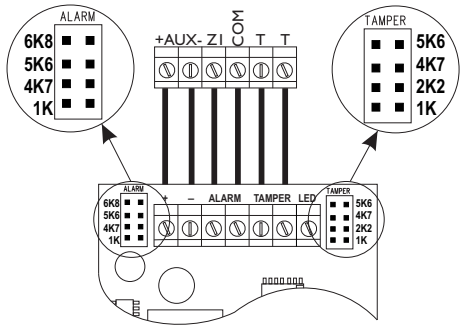
The set to the left of the + terminal selects the value of the resistance across the ALARM relay. The set to the right of the TAMPER terminals selects the value of the End Of Line resistor.

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.

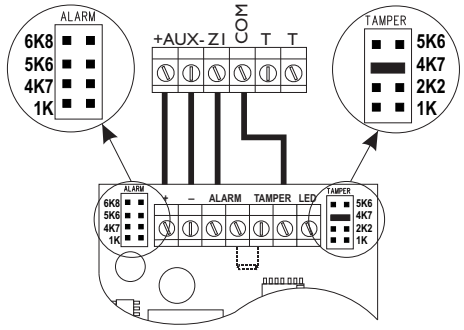


This symbol illustrates where the resistors are connected internally

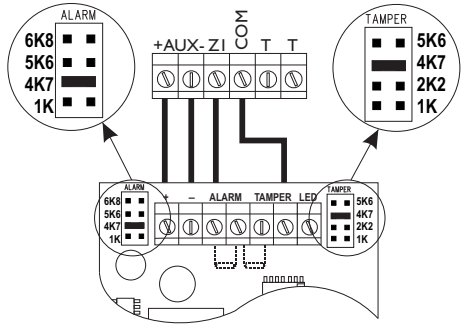
E1 NORMALLY CLOSED WIRING



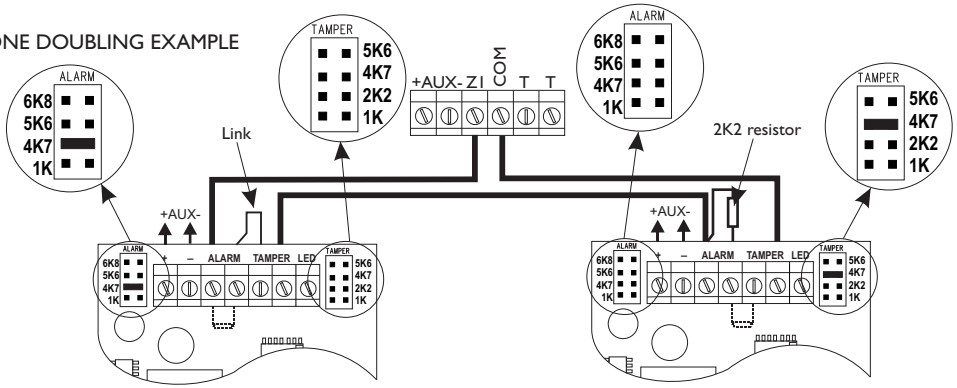
E2 SEOL HEADER EXAMPLE



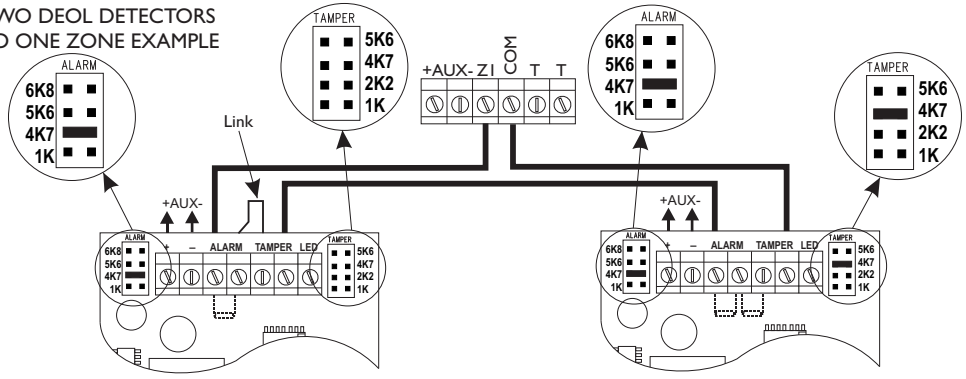
E3 DEOL HEADERS EXAMPLE



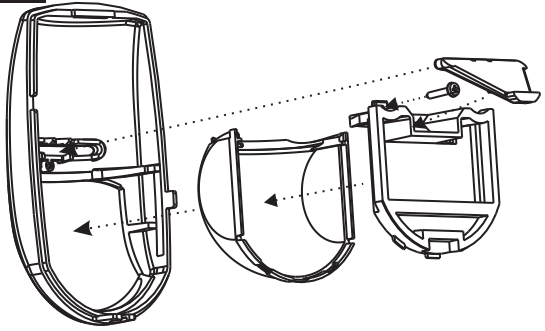
E4 ZONE DOUBLING EXAMPLE



E5 TWO DEOL DETECTORS TO ONE ZONE EXAMPLE

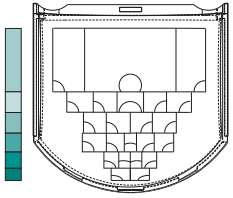


F LENS ASSEMBLY

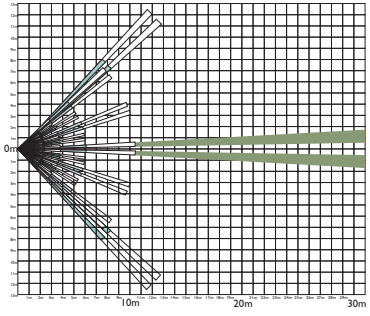


G 30M LONG RANGE LENS

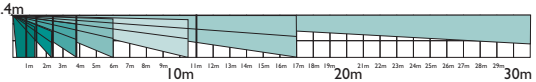
90° - 0m - 10m
6° - 0m - 30m
46 zone edges
6 planes



G1 HORIZONTAL COVERAGE



G2 VERTICAL COVERAGE



RINS607-5