

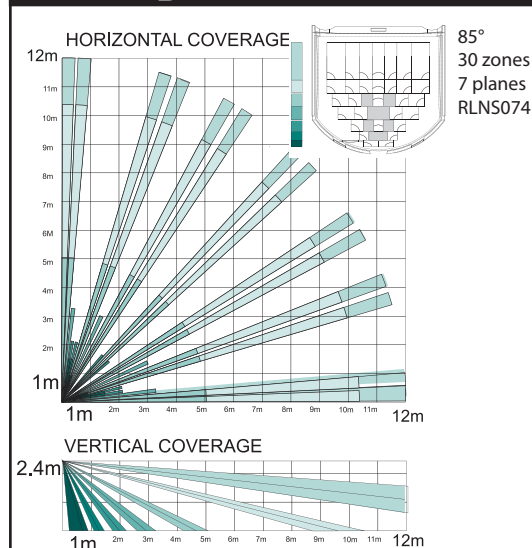
KX12DQ-WE® Specifications

Model:	KX12DQ-WE® 12m Internal detector
Colour:	WHITE
Casing:	3mmABS, 0.4mm HDPE in lens area
Transmission Frequency:	868MHz, FM Transceiver Narrow Band
Transmission Method:	Fully Encrypted Rolling Code
Transmission Range:	300m Free Space
Detection Method:	Low Noise Pyroelectric Sensor
Sensitivity:	High, Low
Temperature Compensation:	Advanced Automatic
Detection Range:	12m
Detection Zones:	30 beams positive, 30 beams negative
Detection Speed:	0.3 - 3.0 m/s
Detection Angle:	85°
Battery:	CR123A Lithium Battery
Low Battery Threshold:	2.5V +/- 5% at 25°C
Battery Life:	Greater than 2 years
Mounting Height:	1.8m to 2.4m
Certified Mounting Height:	2.4m (mount at this height only for the coverage shown below)
Tamper Switch:	Front and Rear Tamper
Storage Temperature:	-20°C to 50°C
Certified Operating Temp:	-10°C to 40°C
Nominal Working Temp:	-10°C to 50°C
Accessories:	Wall and ceiling mounting brackets optional
Emissions / Immunity:	EN55022 Class B / EN50130-4



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

Coverage Pattern



EN50131-2-2:2008
EN50131-5-3:2005+A1:2008
Security Grade 2
Environmental Class II

Customer Support Line : +44(0)845 6434 999
or telephone +44(0)1709 535225

E-mail: customer.support@pyronix.com
website: www.pyronix.com
Pyronix Limited, Secure House, Braithwell Way,
Hellaby, Rotherham, S66 8QY. UK

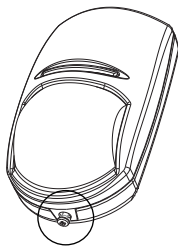
WARRANTY

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of two years (batteries excluded)

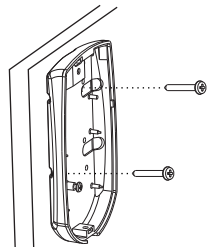
In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice.

Installation

CASE LID SCREW FITTING



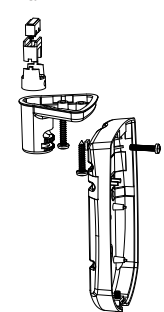
Wall Mounting



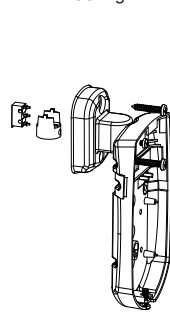
NOTE: When mounting the detector, ensure that it is not tilting backwards.

Optional Bracket Fitting

Wall



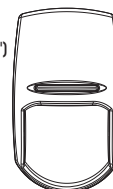
Ceiling



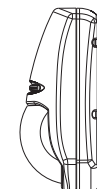
Part number: FPKXBRACKET

Dimensions

3mm
(0.12")



69mm
(2.72")



117mm
(4.61")

50mm
(2.2")



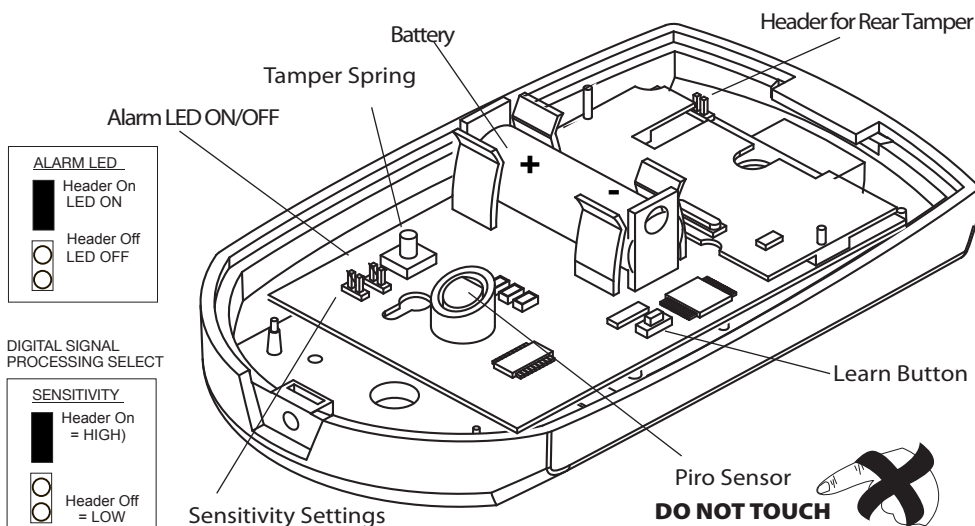
= 105g (3.4 oz) without bracket

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.
5. Mount the detector on a stable surface.
6. Do not partially or completely obscure the detectors field of vision with large objects.

The KXI2DQ-WE Printed Circuit Board

Changing The Battery

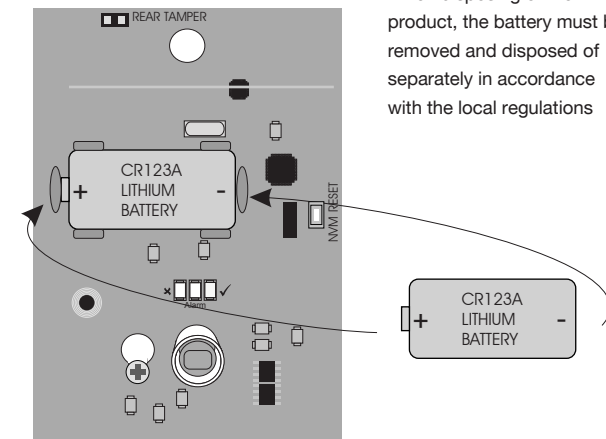


The batteries supplied have been chosen to provide long service life whilst, for safety reasons, having limited output current.

Replace only with approved batteries.



To prevent possible damage to components, any static charge on your body needs to be eliminated before touching the inside of the unit. This can be accomplished by touching some grounded/earthed metallic conductor such as a radiator/pipework immediately before replacing the batteries.



When disposing of the product, the battery must be removed and disposed of separately in accordance with the local regulations

Learning the KXI2DQ-WE onto the Enforcer 32-WE Control Panel

When you are ready to learn the device to the control panel receiving equipment, and when the equipment is in the learn mode follow the procedure below:

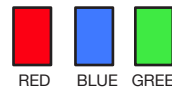
1. Make sure the battery is installed correctly and the plastic wrapping removed.
2. **Press and Hold the Learn button** until the 3 LEDs start cycling through the different colours, then release the Learn button.
3. The device is correctly learnt when the Green LED flashes.

The three coloured LEDs give a visual indication of the signal strength.

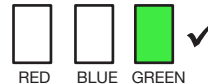
Green indicates good signal strength and is a good location to install.

Red indicates poor signal strength and the device should not be installed in that position.

If no LED illuminates then the device is completely out of range.



RED BLUE GREEN



RED BLUE GREEN ✓

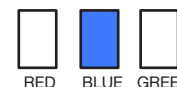


RED BLUE GREEN ✗

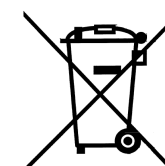


RED BLUE GREEN ✗

The blue LED will illuminate when the device is activated.



RED BLUE GREEN



For electrical products sold within the European Community. At the end of the electrical products life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

Please see the Enforcer 32-WE user, programming and quick set up manuals for further information