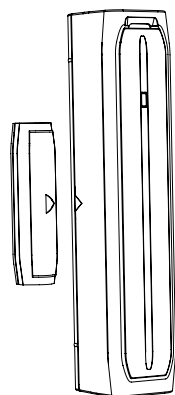




W-SD-MC

Installation Instructions



Wireless Digital Shock Detector
and Magnetic Contact

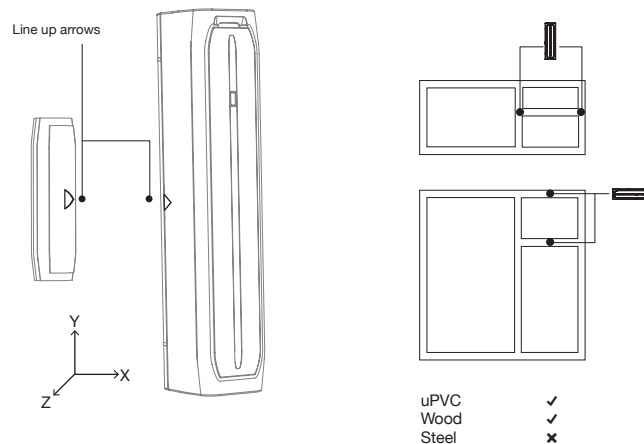
www.orisec.co.uk

Key Features

- Combined Shock Detector and Magnetic Contact
- 2 Way Wireless Communications
- True Battery Reading
- Digital Thermometer
- Simple Enrolment
- Frequency Hopping Technology
- Always Awake
- Grade 2
- White, Brown or Anthracite
- Solid State Piezo Sensor
- Adjustable Sensitivity
- Dual Range Selection
- Tri-colour LED Indication
- Digital Signal Processing[†]
- 2 Wired Inputs

[†]Patent Pending

1 Magnet Positioning

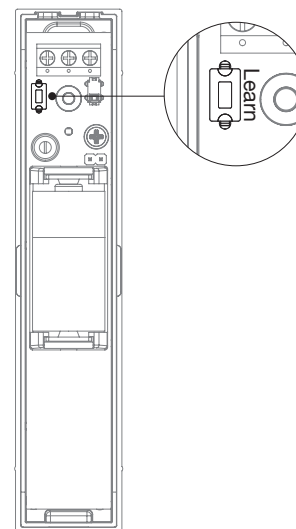


Maximum Distances

Approach	Removal	
X = 26mm	X = 28mm	Non Ferrous
Y = 10mm	Y = 12mm	
Z = 30mm	Z = 32mm	
Approach	Removal	
X = 10mm	X = 12mm	Ferrous
Y = 10mm	Y = 12mm	
Z = 23mm	Z = 25mm	

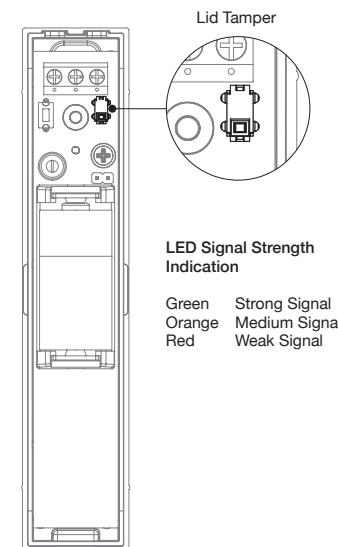
2 Learning the Device to the System

- On the control panel:
- Enter engineering mode
 - Select "setup wireless zones"
 - Highlight required zone
 - Scroll down to "Learn"
 - Press and hold "Learn" button on the shock detector for 1 second

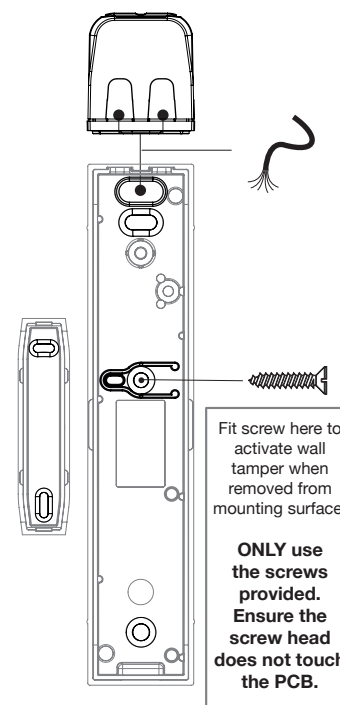
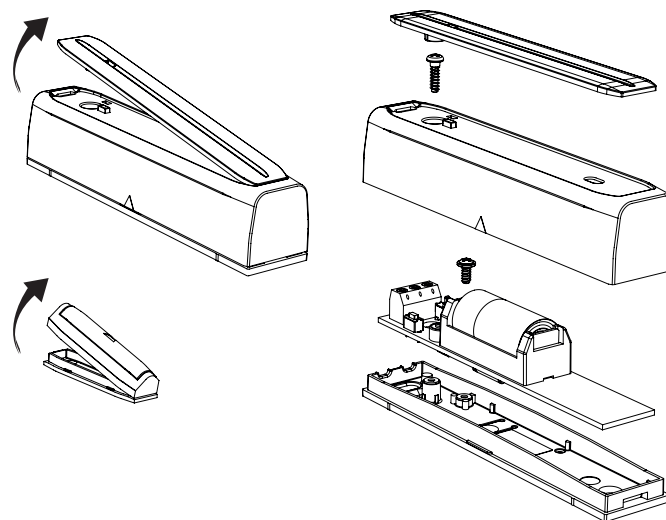


3 Local Wireless Range Test

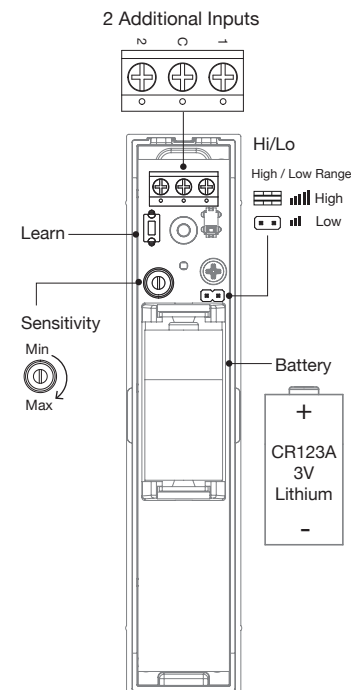
- Enter engineering mode
- Activate lid tamper switch



4 Installation



5 Detector Setup



Specification

Battery	CR123A 3V Lithium
Dimensions (whd) mm	25 x 123 x 29
(Shock Detector)	
Dimensions (whd) mm	12 x 51 x 11
(Magnetic Contact)	
Housing Thickness	2.5mm
Operating Temperature	-20°C to +55°C
Storage Temperature	-35°C to 60°C
Maximum Humidity	95% non-condensing
Product Weight	75g
Packed Weight	90g
Maintenance	Annual Installer Check
Frequency	868.65MHz and 869.15MHz
Signal Processing	Digital Signal Processing
Typical Wireless Range	> 150m line of sight
Average Battery Life	> 2 years

Standards and Approvals

Security	
PD 6662:2017,	
EN 50131-2-8:2016	
EN 50131-2-6:2008	
EN 50131-5-3:2017	
Grade 2, Class II	
EMC / False Alarm Immunity	
EMC Immunity:	EN 50130-4:2011 +A1:2014 EN 301 489-3 V1.6.1 80MHz to 2.7GHz
Radiated Immunity:	
Electrostatic Discharge:	+/- 8kV
Fast Transient Immunity:	2kV
Radiated Emissions:	EN 55032:2015 EN 300 220-2 V2.3.2

Conforms to European Union (EU) Electro-Magnetic
Compatibility (EMC) Directive 2014/30/EU
EMC Environment: Residential / Commercial / Light
Industrial / Industrial
Conforms to RE Directive 2014/53/EU

 CE: You can view the product EC Declaration
of Conformity here: orisec.co.uk/compliance

Warranty

The Orisec W-SD-MC is guaranteed against defects in material or faulty workmanship for a period of 2 years from the date of purchase, excluding battery.

Disclaimer: Orisec will not accept any liability based on a claim that the Orisec W-SD-MC failed to perform correctly as it is a component part of an installation and not a complete intruder alarm system.

Regulatory



WEEE Directive: 2012/19/EU Compliant: This symbol indicates that according to local laws and regulations, this product should not be disposed of as municipal/household waste. Instead, it should be disposed of at the appropriate collection points designated for the recycling of electrical and electronic equipment, or returned to Orisec upon purchase of new replacement products.

RoHS RoHS Directive: 2011/65/EU Compliant:
Orisec declares that this product complies with and conforms to RoHS legislation that it does not contain more than the agreed levels of: Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Cr6+), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)

Manufacturer: Orisec Ltd, 1 St Crispin Way,
Haslingden, Lancashire. BB4 4PW. United Kingdom



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Designed and Manufactured
in the United Kingdom

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Haslingden, Lancashire. BB4 4PW. United Kingdom