



W-SD

Installation Instructions



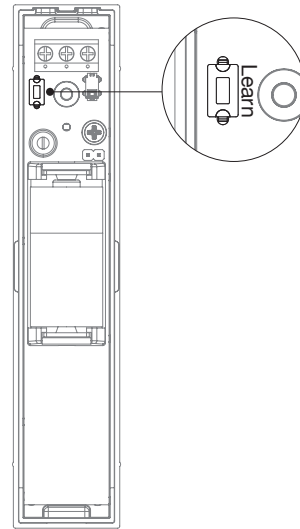
Wireless Digital Shock Detector

www.orisec.co.uk

1 Learning the Device to the System

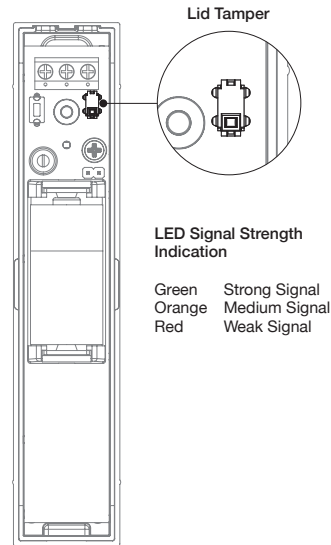
On the control panel:

- Enter engineering mode
- Select "setup wireless zones"
- Highlight required zone
- Scroll down to "learn"
- Press and hold 'Learn' button for 1 second



2 Local Wireless Range Test

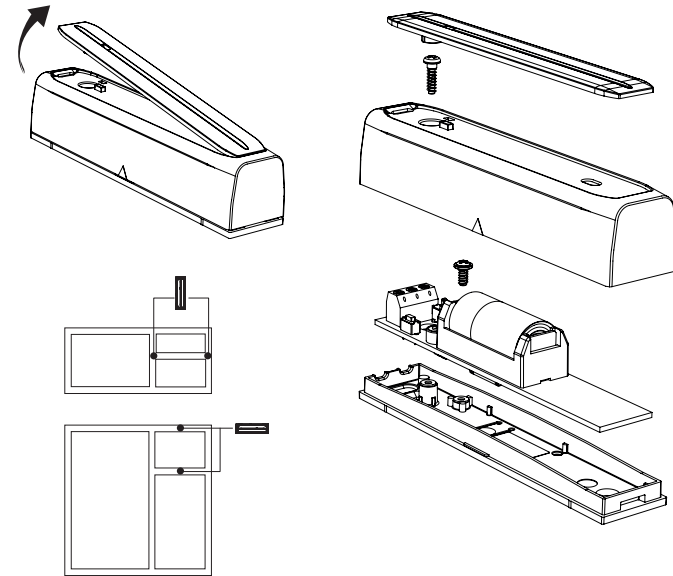
- Enter engineering mode
- Activate lid tamper switch



LED Signal Strength Indication

- Green Strong Signal
- Orange Medium Signal
- Red Weak Signal

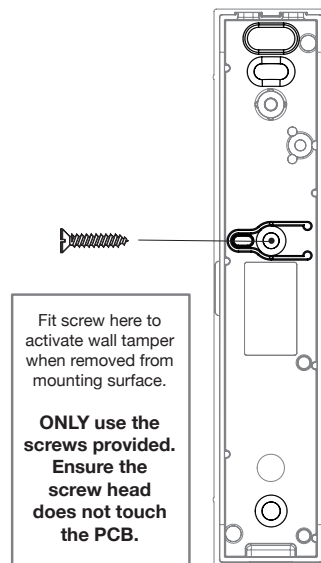
3 Installation



Key Features

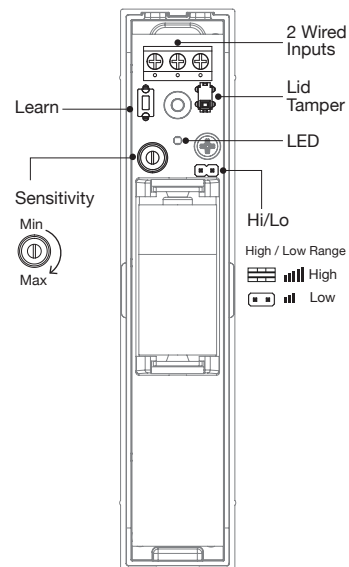
- 2 Way Wireless Communications
- 2 Wired Inputs
- True Battery Reading
- Digital Thermometer
- Simple Enrolment
- Frequency Hopping Technology
- Always Awake
- Grade 2
- White, Brown or Anthracite
- Solid State Piezo Sensor
- Adjustable Sensitivity
- Dual Range Selection
- Tri-colour LED Indication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

4 Mounting



ONLY use the screws provided. Ensure the screw head does not touch the PCB.

5 Detector Setup



Specification

Battery	CR123A 3V Lithium
Dimensions (whd) mm	25 x 123 x 29
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	65g
Packed Weight	80g
Maintenance	Annual Installer Check
Frequency	868.65 MHz and 869.15MHz
Signal Processing	Digital Signal Processing
Typical Wireless Range	> 150m line of sight
Average Battery Life	> 2 years

Standards and Approvals

Security
PD6662:2017,
EN50131-2-8:2016
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
Radiated Immunity: 80MHz to 2.7GHz
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

†Patent Pending

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

Warranty

The Orisec W-SD 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 failed to perform correctly as it is a component part of an installation and not a complete intruder alarm system.



Designed and Manufactured
in the United Kingdom

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



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