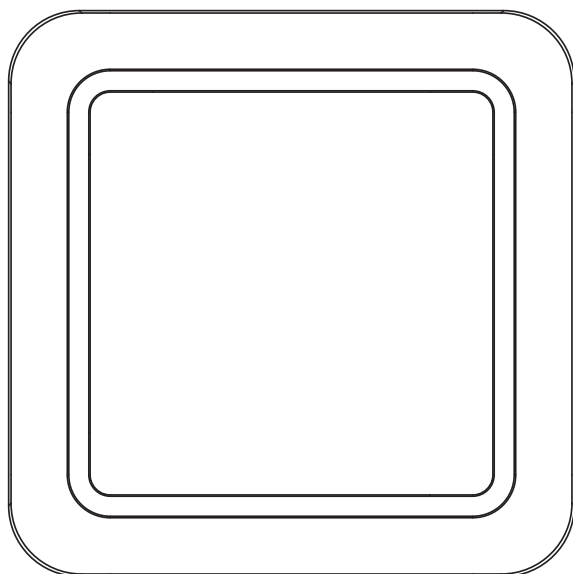




W-INT-CS

Wireless Internal Compact Sounder Installation Instructions



Designed and Manufactured
in the United Kingdom

www.orisec.co.uk

Introduction

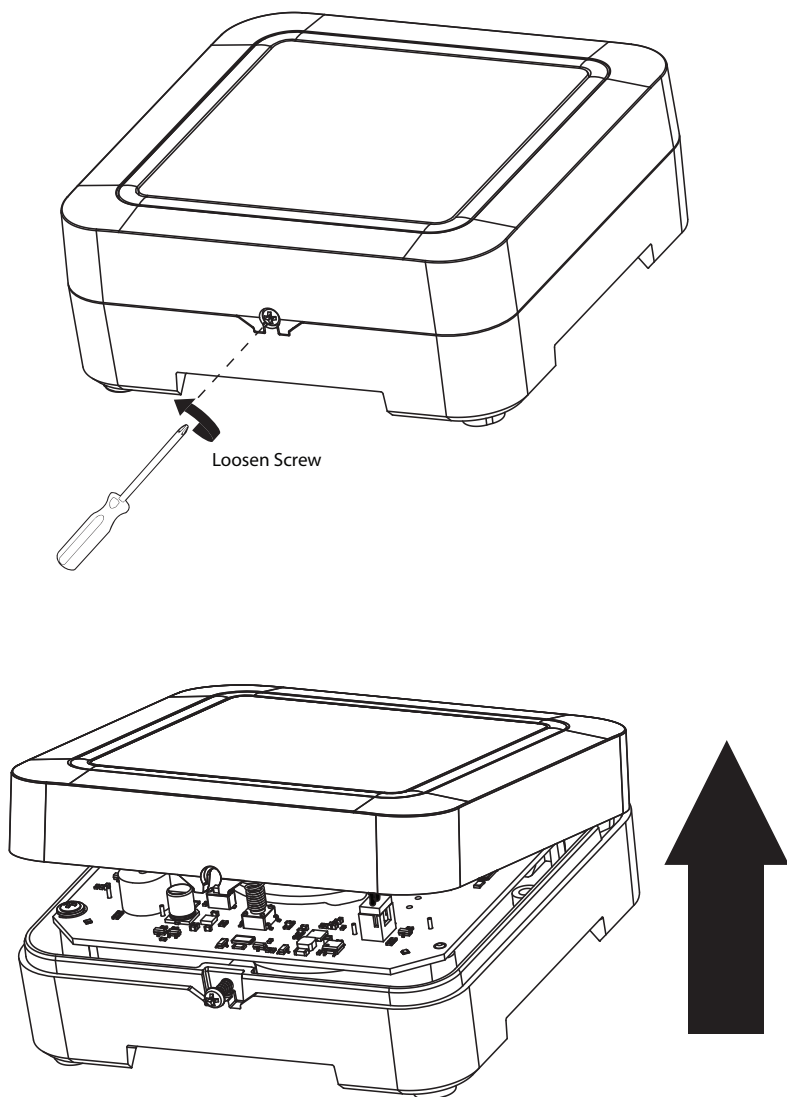
The W-INT-CS Wireless Internal Compact Sounder provides 5 programmable high-level alarm sounds along with a long-life strobe. It can also provide low-level notification tones, for example entry/exit, chime, warning etc, with multi-coloured LED status indication.

Features

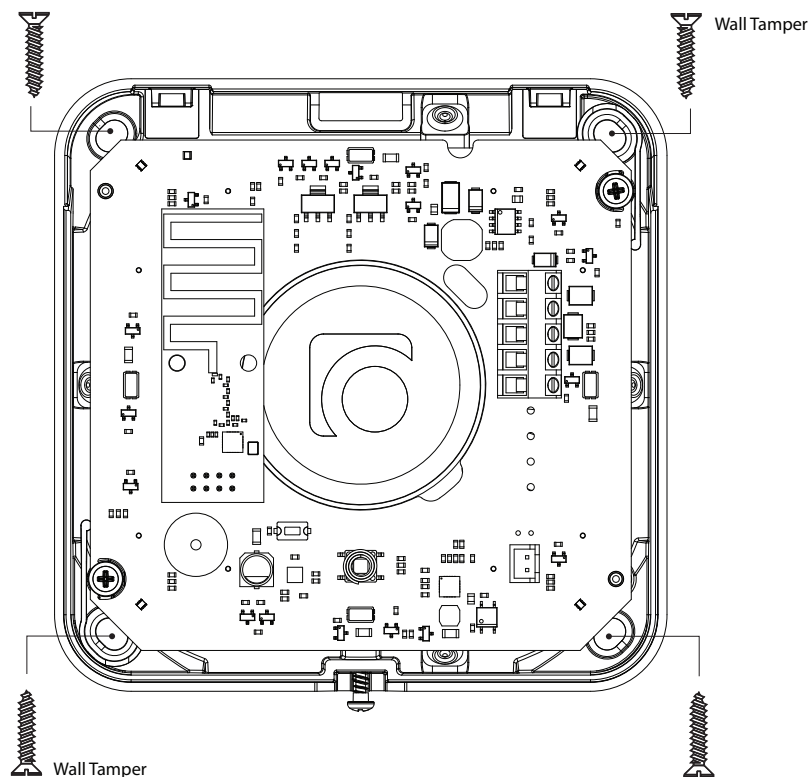
- Compatible with all Orisec Wireless Systems
- Piezo (High-Level) for Alarm Sounds
- Piezo (Low-Level) for e.g. Entry/Exit
- Programmable Alarm Sounds
- 2 x Programmable I/O
- Multi-Colour LED Indicators
- Long-Life LED Strobe
- Grade 2, Class II
- Acts as Wireless Repeater when locally powered

1 Mounting the W-INT-CS

To open the wireless internal sounder loosen the locking screw by turning anti-clockwise, then hinge the front cover up and away from the backplate.

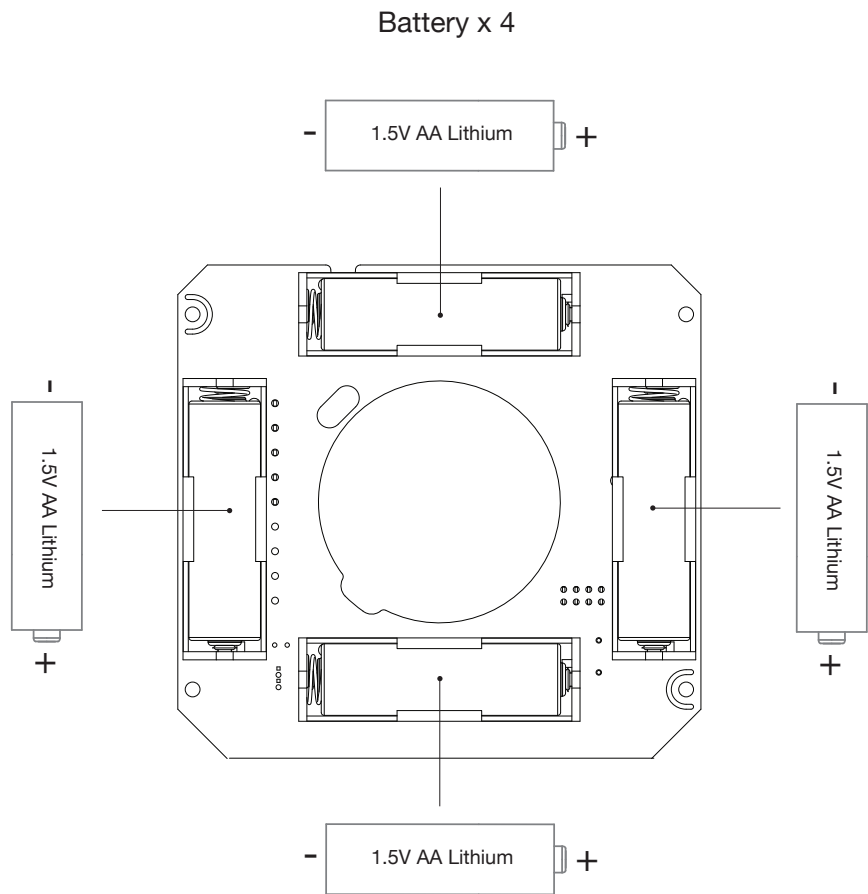


Four screw fixing holes locations are provided to aid mounting.

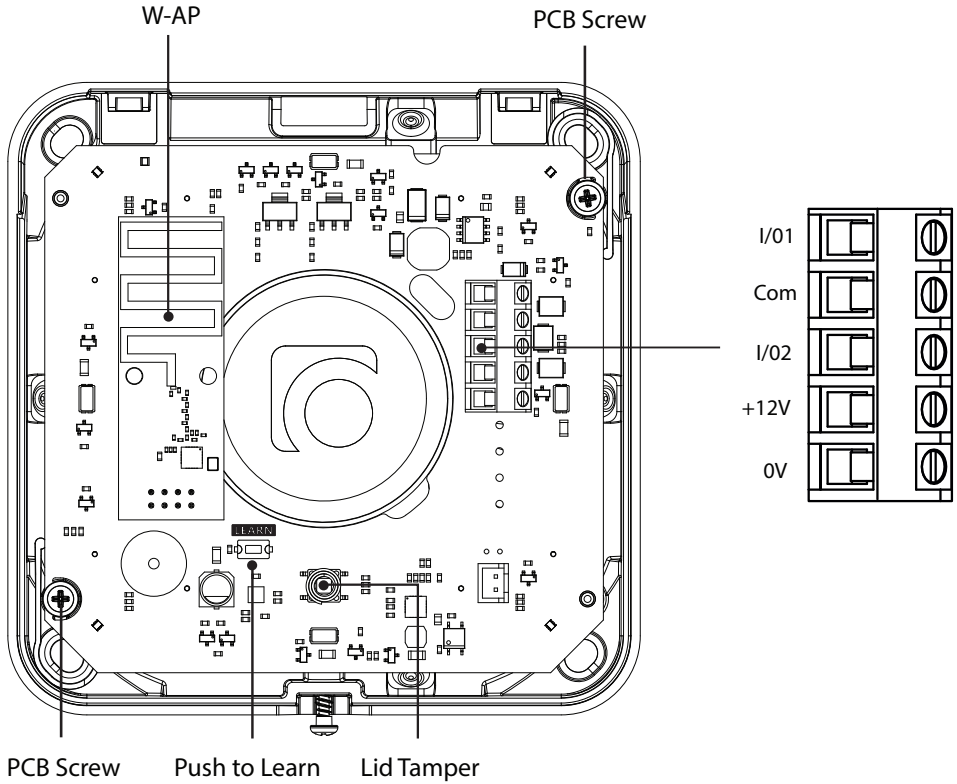


2 Batteries

Four 1.5V AA Lithium Iron Disulfide Batteries are included and should be fitted as below.



3 PCB and Connections



Terminal	Function
I/O1	Programmable Input/Output 1
Com	Common for programmable I/O s
I/O2	Programmable Input/Output 2
+12V	Optional 12V Input*
0V	Optional 0V Input*

* The W-INT-CS will act as a wireless repeater when powered locally from 12V.

4 Simple Enrolment

On the control panel:

1. Enter engineering mode
2. Select “setup wireless zones”
3. Highlight required zone
4. Scroll down to “Learn”
5. Press and hold “Learn” and insert the battery
6. Press and hold “Learn” button for 1-2 seconds

NOTE: The W-INT-CS can only be assigned to zones 1-50 on the control panel. It is highly recommended to leave an available slot each side of the W-INT-CS.

For Tamper monitoring on the W-INT-CS the zone type must be programmed as ‘Wireless Tamper’.

On the keypad:

1. Enter engineering mode
2. Select “Programming menu”
3. Select “Zone programming”
4. Scroll to the W-INT-CS zone
5. Select Zone Type 32 “Wireless Tamper”

The signal strength can be shown by activating the lid tamper switch and is indicated by the colour of the LEDs:

- Green = Strong Signal
- Orange = Medium Signal
- Red = Low Signal

Programmable Speaker Tones:

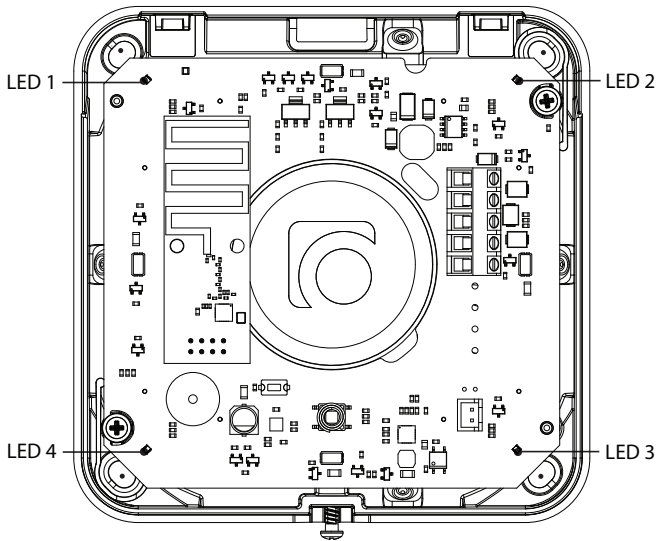
When the W-INT-CS is connected to the Orisec control panel via the W-AP the onboard speaker can be enabled for the following different tones in the “Setup Wireless Zones” menu:

- Alarm Tones
- Fault Tones
- Chime Tones
- Entry Tones
- Exit Tones
- Advisory Tones
- Tamper Alarms

NOTE: the OMIT key on the keypad is used to enable/ disable tones.

5 Program Options

To enter programming mode Press & HOLD the learn button until LED 1 is lit only (approx. 5s). The colour of this will now indicate the selected option (see table below). To change the option, press the tamper switch. To accept the option and move to the next menu press the learn button again. Four menus are available, indicated on LEDs 1 to 4. To exit programming menu press and HOLD the learn button again, or it will time out after 30 seconds of no activity.



LED	Menu	Options	LED
1	Reserved for future use		
2	Sound Generated When BELL is Triggered	Sound 1 Sound 2 Sound 3 Sound 4 Sound 5	<div>●</div> <div>●</div> <div>●</div> <div>●</div> <div>●</div>
3	Light Ring On Time	Off On 10 sec 30 sec 60 sec	<div>●</div> <div>●</div> <div>●</div> <div>●</div> <div>●</div>
4	Light Ring Colour When Bell Is Triggered	Red Green Blue Pink Orange White Orisec Blue	<div>●</div> <div>●</div> <div>●</div> <div>●</div> <div>●</div> <div>●</div> <div>●</div>

Bold indicates deafult settings

Specifications

Electrical

Input Voltage: 4 x 1.5V AA Lithium Iron Disulfide Batteries or 9 - 15 VDC (12 VDC nominal)

Current Consumption:

Idle: 100µA (Battery Only); 16mA (Powered from 12 Vdc)

Status Red: 45mA

Status Green: 30mA

Status Blue: 24mA

Piezo: 35mA

Strobe: 20mA

Siren: 500mA (Battery Only); 16mA (Powered from 12 Vdc)

I/O Channels: 2; Each programmable as zone input or 100mA output.

Environmental

Operating Temperature: -10°C to +55°C

Storage Temperature: -20°C to +60°C

Max. Humidity: 95% non-condensing

Physical

Product Weight: 360g

Packed Weight: 425g

Dims: (hwd) mm 120 x 120 x 50

Material: 3mm ASA



Standards

Security

PD 6662:2017

EN 50131-1:2006+A3:2020

EN 50131-4:2019

EN 50131-5-3:2017

Grade 2, Class II

EMC

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU and EN 50130-4:2011+A1:2014

EMC Environment: Residential / Commercial / Light Industrial / Industrial



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. This will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

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 W-INT-CS is guaranteed against defects in material or faulty workmanship for a period of 2 years from the date of purchase, excluding batteries.

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

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