

Specification	
Operating temperature	-10 to +50 °C
Storage temperature	-20 to +60 °C
Humidity	0 to 95% noncondensing
Supply	3x AA Alkaline (Panasonic LR6AD Powerline / Varta 4006 Industrial) 3x C Alkaline (Panasonic LR14AD Powerline / Varta 4014 Industrial)
Beacon element voltage range	17 to 60 VDC
Beacon element current max.	40 mA at 1 Hz flash rate
Flash rate	0.5 Hz / 1 Hz (selectable)
Beacon category / coverage	C-3-15 / 337 m ³ (ceiling variant) W-3.1-11.3 / 396 m ³ (wall variant)
IP rating	IP54
Operating frequencies	868 MHz
Output transmitter power	Auto adjusting 0 to 14 dBm (0 to 25 mW)
Signalling protocol	X
Dimensions (Ø x D)	120 x 125 mm
Weight	0.65 kg

Regulatory information

Manufacturer	KGS Manufacturing Poland Sp. z o.o. Ul. Kolejowa 24. 39-100 Ropczyce, Poland
Year of manufacture	See serial number label inside unit
Certification	<div> <div> CE 14 0905 </div> <div> UK CA 24 0359 </div> </div>

DoP number	0359-CPR-00294
Approved to	EN54-23 EN54-25
Location	Type A: For indoor use
European Union directives	EMS declares that this device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: firesecurityproducts.com
<div> <div> </div> <div> 2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see recyclethis.info Dispose of your batteries in an environmentally friendly manner according to your local regulations. </div> </div>	

Contact information and product documentation

For contact information or to download the latest product documentation, visit firesecurityproducts.com.

Product warnings and disclaimers

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Ziton wireless beacon installation guide

General
The Ziton wireless beacon is available under the following part numbers:

PART NO	VARIANT TYPE
ZRW460-3	Red wall beacon (red flash)
ZRC460-3	Red ceiling beacon (red flash)
ZRW460-3W	White wall beacon (red flash)
ZRC460-3W	White ceiling beacon (red flash)
ZRW460-3C	Red wall beacon (clear flash)
ZRC460-3C	Red ceiling beacon (clear flash)
ZRW460-3WC	White wall beacon (clear flash)
ZRC460-3WC	White ceiling beacon (clear flash)

The address of the unit is set when programming the device to the system (see *programming manual* for details).

Pre installation
Installation must conform to applicable local installation codes and should only be installed by a fully trained competent person.

Ensure that the device is installed as per the site survey.

The use of a non-metallic spacer should be considered if mounting the device on to a metal surface.

DO NOT press the log on button on a pre-programmed device, as this will cause communication with the control panel to be lost. Should this happen, delete the device from the system and add it back on.

This device contains electronics that may be susceptible to damage from Electrostatic Discharge (ESD). Take appropriate precautions when handling electronic boards.

Care must be taken to ensure the correct type of beacon is used and that it is installed in the correct orientation to provide adequate coverage.

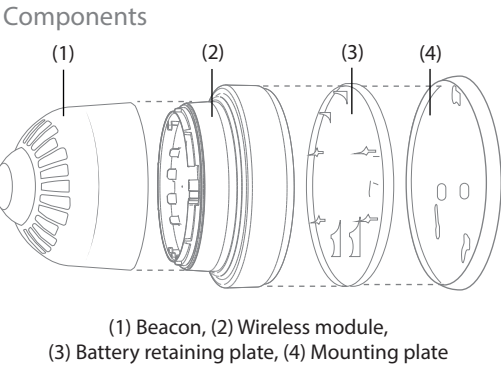


Figure 1

Fix the mounting plate
Remove the wall mounting plate by turning it counter clockwise. This dis-assembles the mounting plate from the wireless module and head. The mounting plate will now be available for fixing to the wall.

Fix the mounting plate to the wall using suitable fixings and fasteners. A minimum of two mounting holes must be used. (Figure 2)

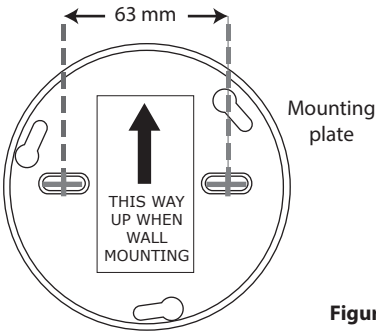


Figure 2

It is important that fastener heads are flush or sub-flush with the internal surface of the ceiling mount to avoid the risk of damaging the battery PCB. (Figure 3)

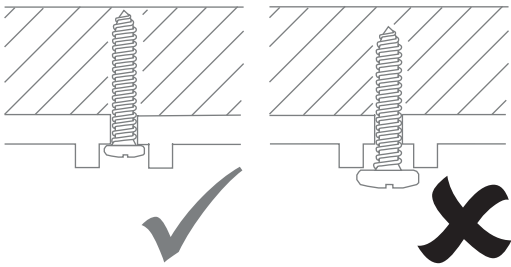


Figure 3

Power the device

Unclip the battery retaining plate from the wireless module.

When fitting / replacing batteries; observe correct polarity, using only specified batteries.

Connect the power jumper across the PIN header. (Figure 4)

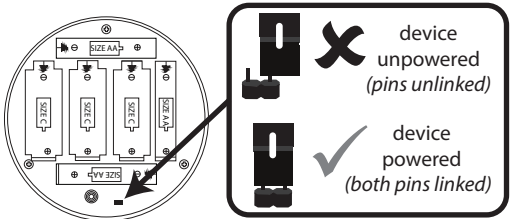


Figure 4

Beacon configuration

The beacon flash rate can be configured using switch 2 on the 2 way dipswitch on the bottom of the beacon head. Available options are 0.5 Hz or 1 Hz flash rates. Switch 1 is not used on this product. As default the unit is supplied with switch 2 on, selecting a 1 Hz flash rate. (Figure 5)

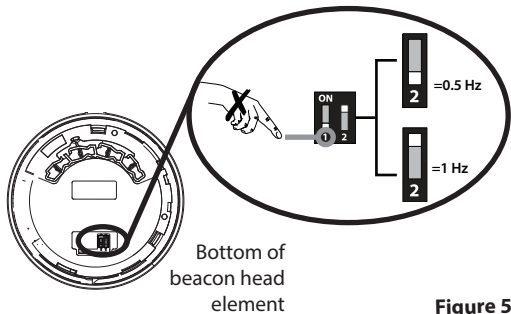


Figure 5

Re-assembling the device

To re-assemble the unit, place the complete wireless module and head section into the fixed wall mount (ensuring that locating lugs line up) and turn clockwise to achieve a positive location.

Ensure that the tamper switch operates correctly. The switch should make contact with the wall mount plate.

Optional device locking

To lock the sounder beacon into the wireless module, remove the cut out section as shown. (Figure 6)

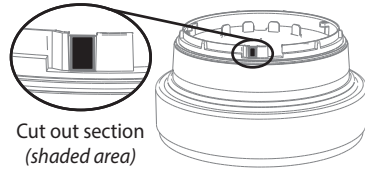


Figure 6

To unlock the device, insert a 1.5 mm allen key to depress the locking clip and turn anticlockwise to release. (Figure 7).

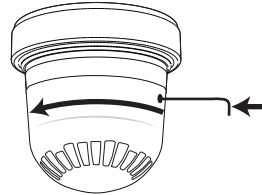


Figure 7

Notes