

Non-Addressable Audible Visual Devices

Sounder Beacons EN54-23 Approved VADs



Honeywell's Non-Addressable Sounder Beacon is ideal for applications where a dual purpose audible and visual alarm device is required. The product features a new folded horn design, high output LEDs, advanced optics and an innovative lens design, providing outstanding sound output and omni-directional light coverage at low current draw. Specifically designed and approved to meet both EN54-3 and EN54-23, the Sounder Beacon delivers outstanding quality, reliability and extended operational life.



Features and benefits

Simple, Fast, Flexible Installation

- Omni-directional light coverage eliminates need for device orientation.
- First fix capability allows electrical continuity testing prior to device fitting.
- Deep base option with multiple cable entries for flexible installation.
- Designed with full range of common fixing centres.
- Positive fit engagement and feedback of base with device for easy installation.

Outstanding Performance

- Approved to EN54-3 and EN54-23, C & W categories.
- 32 tones all approved to EN54-3.
- Advanced optics ensure superior light coverage.
- Synchronised flash exceeds EN54-23 standard.
- Choice of white or red light flash options.
- Soft start feature reduces power surges during system start-up.

Universal Device

- Tailor made range; selection according to EN54-23 C & W categories.
- Suitable for wall and ceiling mount applications.
- Global tone set: 32 tones including a new bell tone.
- Range of installation and base options, for indoor and applications up to IP65.
- Operates on 12V and 24V systems, making the range suitable for use in fire & security applications.

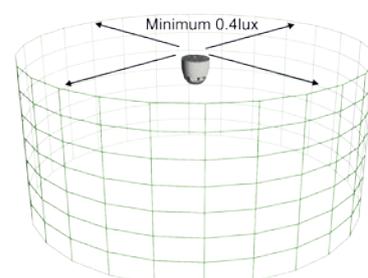
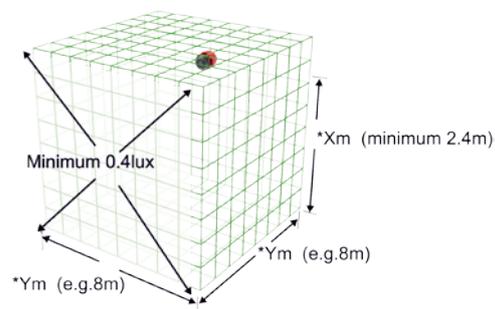
Quality & Reliability

- Independently approved to all required standards:
 - Manufacturing: Construction Products Regulation (CPR)
 - Product performance: Light output: EN54-23 C & W categories. Sound output: EN54-3.
 - Environmental: RoHS, WEEE.

The requirements of EN54-23

A cube or cylinder of light with a minimum of 0.4 Lumens/m²

* X & Y dimensions are defined by the device manufacturer



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Introducing the Range

DEVICE	APPROVALS		BODY COLOUR		FLASH COLOUR		INSTALLATION OPTIONS		LENS COLOUR	ENVIRONMENT COMPLIANCE
	EN54-23	EN54-3	RED	WHITE	RED	WHITE	STANDARD DEVICE	FIRST FIX	CLEAR	
Sounder Beacon	W & C Class	✓	✓	✓	✓	✓	✓	✓	✓	RoHS/WEEE

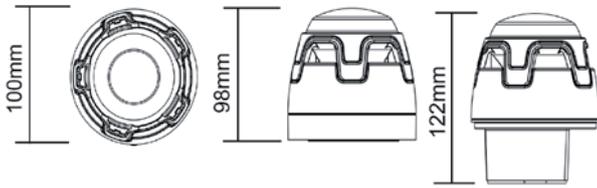
Technical Specifications

ELECTRICAL	
Operating Voltage	12 to 29VDC
Operating Voltage Approved	EN54-23 @12 to 29 VDC (C & W) EN54-3 @ 9-14 VDC & 18-29VDC
Current Consumption, Average	49mA @ 29VDC (W Class) Tone 7
ENVIRONMENTAL	
Operating Temperature	-25°C to 70°C
Relative Humidity	93% ±3% non condensing
Ingress Protection	IP21C – low profile base IP65 – deep base
MECHANICAL	
Body colour	Red / White
Sound Output, Maximum	107db(A) @1m (Tone 23)
Number of Tones	32 includes a bell tone (Full tone table available on website & installation manual)
Volume Setting	High or medium
Cable Termination Size	0.5 - 2.5mm ²
Material Lens / Body	Flame retardant PC/ABS
Gross Weight – Standard device	(low profile) 271g (deep / IP65) 280g
Gross Weight – First Fix option	(low profile) 283g (deep / IP65) 293g

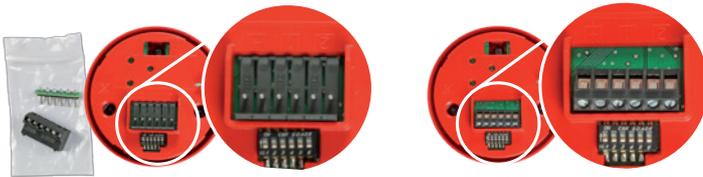
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Dimensions



Wiring Options



First Fix Device

Standard Device Connections

Product Performance

SOUNDER BEACON	WALL MOUNT W CLASS	WALL MOUNT W CLASS	CEILING MOUNT C CLASS	CEILING MOUNT C CLASS
Flash Colour	White	Red	White	Red
EN54-23 coverage volume code	W-2.4-8.9	W-2.4-6.0	C-3-10 / C-6-10	C-3-8.9 / C-6-8.2
Installation height (X)	2.4m max	2.4m max	3m / 6m	3m / 6m
EN54-23 coverage (Y)	Cube YY = 8.9m	Cube YY = 6.0m	Cylinder Ø = 10m	Cylinder Ø = 8.9m and 8.2m
EN54-23 coverage volume	190m ³	86m ³	236m ³ / 471m ³	187m ³ / 317m ³
Flash rate	0.5 Hz	0.5 Hz	0.5 Hz	0.5 Hz
Operating voltage range	12 to 29 V	12 to 29 V	12 to 29 V	12 to 29 V
Synchronisation	Synchronisation – Automatically on power on, meets EN54-3 and exceeds EN54-23 standard			

Out of Box Contents

BEACON	STANDARD DEVICE	FIRST FIX OPTION	DEEP / IP 65 OPTION	DEEP / IP 65 & FIRST FIX OPTION
Sounder Beacon including selected base	✓	✓	✓	✓
P pack (includes terminal block & continuity link)	✗	✓	✗	✓
O ring for IP65 Sealing	✗	✗	✓	✓
Installation data sheet	✓	✓	✓	✓

Accessories

LOW PROFILE BASES	DEEP BASES	IP AND EARTHING KITS	ELECTRICAL ITEMS
CSR – Red low profile base, pack of 5	CWR – Red deep / IP 65, pack of 5	PS189 – Deep base gasket, pack of 5	SCO77 – Terminal block, pack of 5
CSW – White low profile base, pack of 5	CWW – White deep / IP 65 base, pack of 5	PS188 – Deep base O Ring, pack of 5	SCO78 – Installer link, pack of 5
		SC076 – Earth strap, pack of 5	

PRODUCT RANGE

CWSS-RW-S5	Red body with white flash EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Low profile base included.
CWSS-RW-S6	Red body with white flash EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens, comes with first fix option. Low profile base included.
CWSS-RW-W5	Red body with white flash, IP65 deep base, EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Deep base included.
CWSS-RW-W6	Red body with white flash, IP65 deep base, EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens, comes with first fix option. Deep base included.
CWSS-RR-S5	Red body with red flash EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Low profile base included.
CWSS-RR-S6	Red body with red flash EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens, comes with first fix option. Low profile base included.
CWSS-RR-W5	Red body with red flash, IP65 deep base, EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Deep base included.
CWSS-RR-W6	Red body with red flash, IP65 deep base, EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens, comes with first fix option. Deep base included.
CWSS-WW-S5	White body with white flash EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Low profile base included.
CWSS-WW-W5	White body with white flash, IP65 deep base, EN54-Pt.3 and Pt.23 W and C class approved sounder strobe with clear lens. Deep base included.

Honeywell Life Safety Systems

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