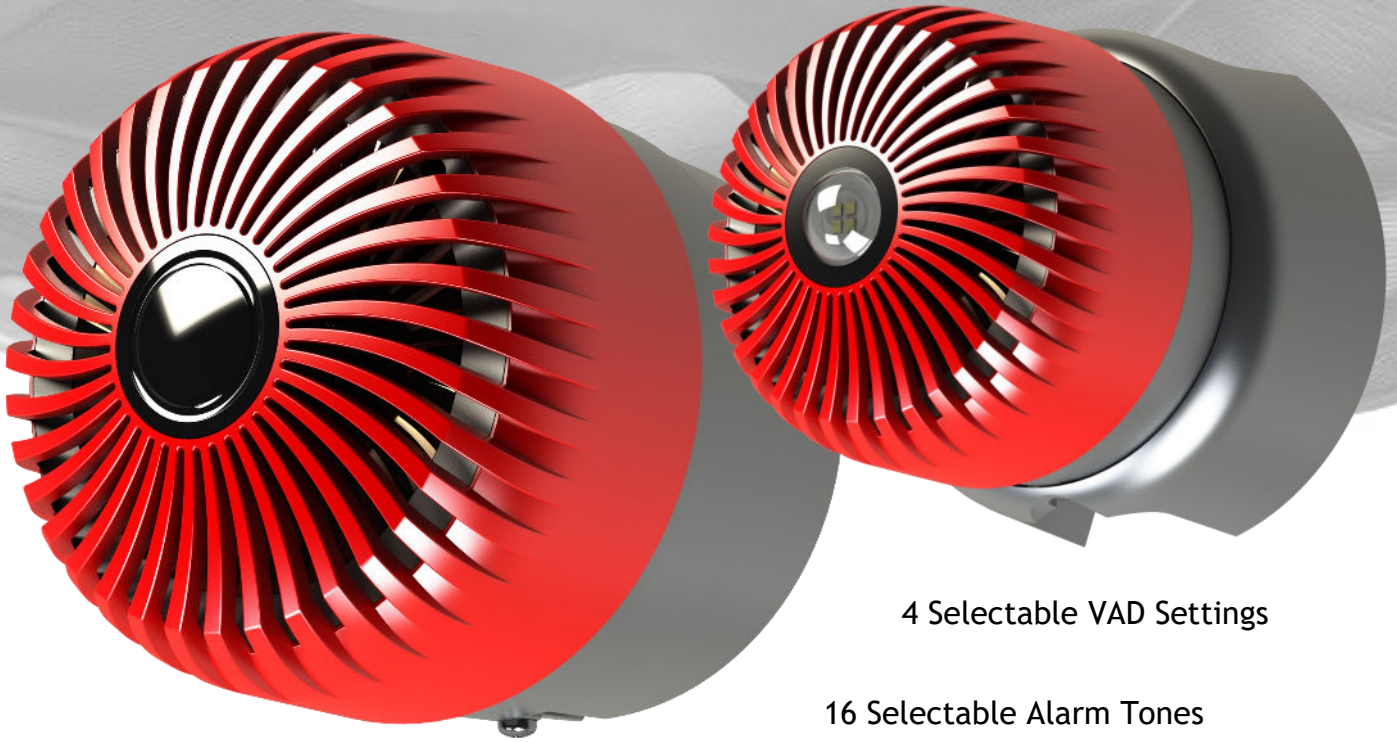


R100

Conventional Sounder & Sounder Beacon Range



4 Selectable VAD Settings

16 Selectable Alarm Tones

Adjustable Sounder SPL Settings

Type B (Indoor) & Type A (Outdoor) options



Introducing the exciting new line of conventional audio / visual devices from Zeta Alarms, the R100 operates on low power consumption but it comfortably packs a punch, generating high volume and brightness output levels (selectable for choice).

The R100 is softly styled, versatile and compact, it comes supplied with an indoor mounting box backbox and can be upgraded to a weatherproof solution when using the outdoor backbox (R100-SM/WP) which is available as an additional add-on

For the benefits of installation the R100 comes equipped with a pluggable terminal connector for ease, allowing quick and simple connection during the second fix phase.



R100 with R100-SM/WP
Outdoor Back box



Conventional Sounder & Sounder Beacon Range



Model Numbers

R100-SC Sounder

R100-SBC Sounder Beacon

R100-SM/WP Outdoor Back Box Assembly



Technical Specifications

Model	R100-SC Sounder	R100-SBC Sounder / Beacon
Part Number	42-643	42-644
Housing Colour	Red & Grey	
Beacon Flash Colour	N/A	White
Beacon Flash Rate	N/A	0.5Hz
Beacon Flash Coverage	N/A	W-3.5-6.1 (Max)
Number of VAD Settings	N/A	3 (+ off)
Sounder Output (Anechoic)	100dB +/- 3dB	
Sounder Tones	16	
Sounder Volumes	4 - Off, Low, Medium, High	
Voltage	17-28V DC	
Quiescent Current	0 mA	
*Alarm Current	3.5mA-6.5mA	8.9mA-36mA
Sounder Type	Type A (indoor) Type B (outdoor) with R100-SM/WP	
IP Rating	IP21C (indoor) IP33C (outdoor) with R100-SM/WP	
Operating Temperature	-25°C to 70°C	
Max Humidity	95% RH Non-Condensing	
Indoor Size (HxWxD in mm)	100x100x103	100x100x106
Outdoor Size (HxWxD in mm)	120x120x118	120x120x124
Weight	305g	320g

Features:

- Complies with EN54 Part 3 Type A and B (Certification Pending)
- Complies with EN54 23 (Strobe) (Certification Pending)
- 16 Selectable Tone Patterns
- 4 Selectable Sounder Volumes
- 4 Selectable VAD Setting
- Surface Mount Only - Indoor (shallow) & Outdoor
- Housed in UL V0 Flame Retardant ABS

Back Boxes: The R100 range has two available back boxes, the standard shallow back box, suitable for indoor use only, with rear wiring entry (supplied with product as standard).

The R100-SM/WP back box is suitable for outdoor use and has 2 x threaded 20mm cable entry points.

Connections: The R100-SC / R100-SBC have a 4 way pluggable connector block and earthing point for its loop connection, perfect for the first fix.

Flasher Coverage: The R100-SBC conventional sounder beacon has selectable beacon settings. The coverage for each setting is found in the table below.

VAD Coverage

Setting	Coverage (W-z-x)	Alarm Current*
3	W-3.5-6.1	36mA
2	W-2.7-4.7	22mA
1	W-3.1-2.0	12mA
0	OFF	6.5mA

*Sounder on Max Setting
Refer to Room Layout Drawing

Room Layout Drawing

