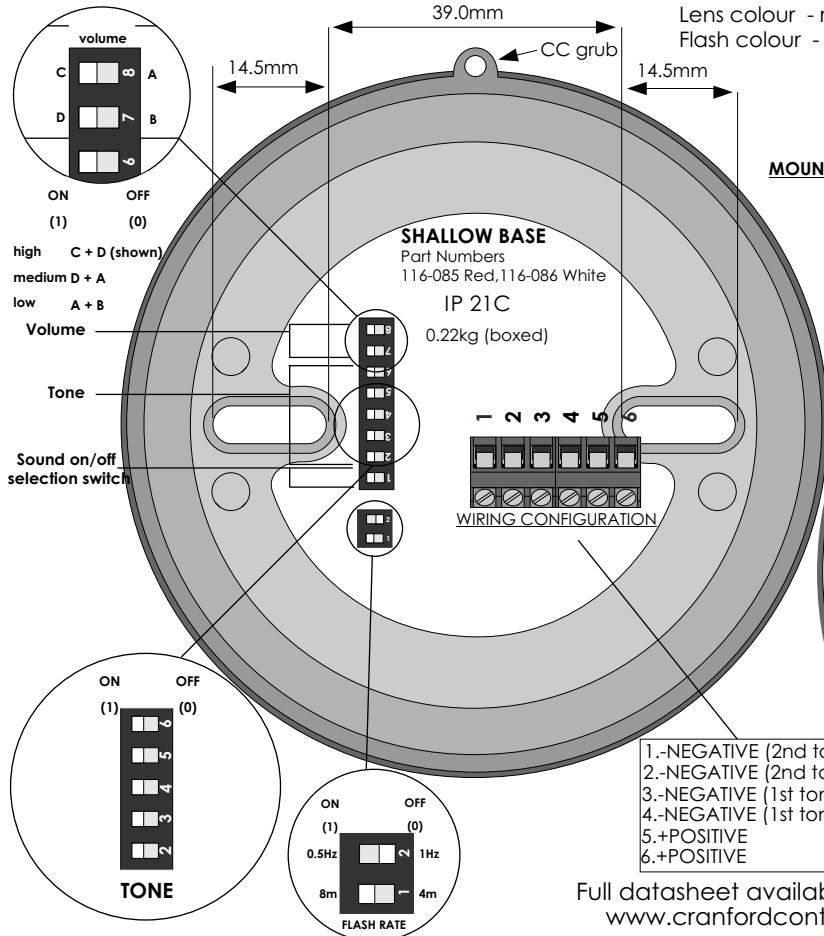


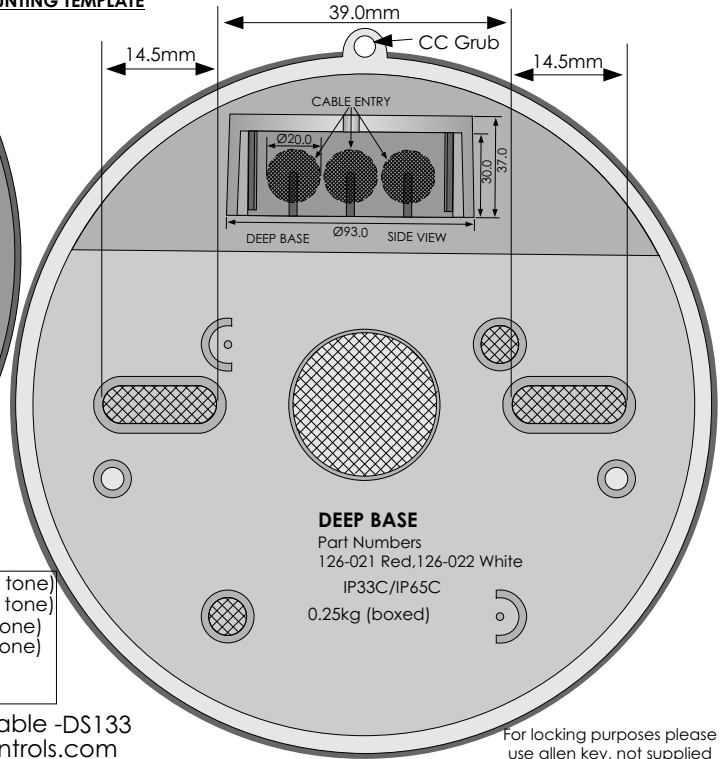
**Description**

Approved VTB-32EVAD 24V 32-Tone Spatial Sounder/VADBeacon  
Units are available with Deep or Shallow base,  
Lens colour - red  
Flash colour - white

All VTB sounder/beacons are delivered with the volume  
Set to high and tone set to 11111 (Cranford sweep)  
Flash rate set to c.1Hz & 8 meters coverage



**MOUNTING TEMPLATE**

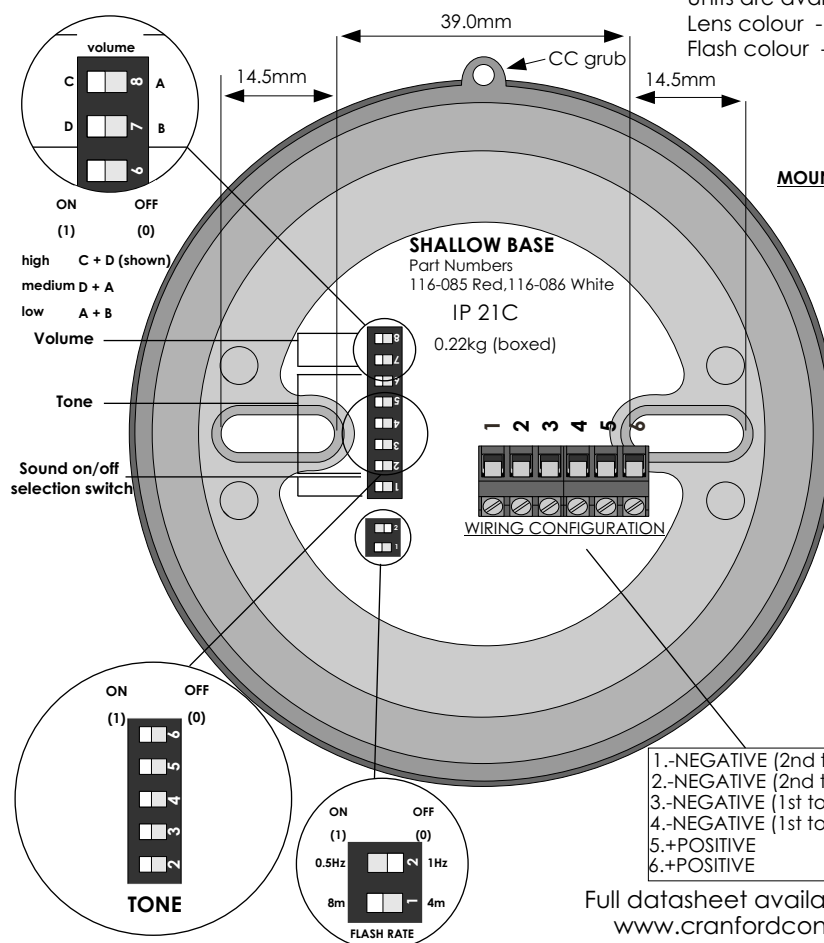


Full datasheet available -DS133  
[www.cranfordcontrols.com](http://www.cranfordcontrols.com)

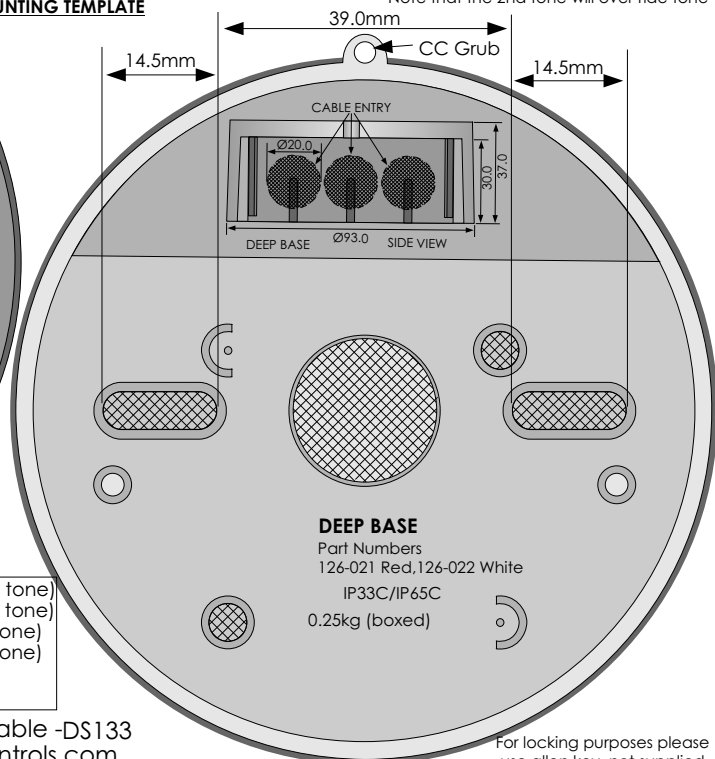
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**MOUNTING TEMPLATE**



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**TONE LIST - PERFORMANCE**

No.	name	1st stage tone (2nd stage tone is continuous as standard)	switch	1st stage graphical	2nd stage graphical
1	<b>LF Sweep (Cranford sweep)</b>	<b>800-1000Hz swept every 500ms (2Hz)</b>	<b>11111</b>		
2	Alternative warble BS	800Hz for 250ms, then 960Hz for 250ms	11110		
3	Warble Tone BS	800Hz for 500ms, then 1000Hz for 500ms	11101		
4	Alternative warble BS	500Hz for 250ms, then 600Hz for 250ms	11100		
5	HF Back up Interrupted	2800Hz for 1000ms, then off for 1000ms	11011		
6	LF Back up Alarm	800Hz for 150ms, then off for 150ms	11010		
7	HF Back up Interrupted (fast)	2800Hz for 150ms, then off for 150ms	11001		
8	<b>LF Continuous tone BS5839</b>	<b>800Hz continuous</b>	<b>11000</b>		
9	Sweep - 1Hz	800-900Hz swept every 1000ms (1Hz)	10111		
10	Australian slow whoop	970Hz for 625ms, then off for 150m	10110		
11	<b>Dutch sweep</b>	<b>500 - 1200Hz 3500ms on, 500ms off</b>	<b>10101</b>		
12	Analogue sweep	500-600Hz swept every 500ms (2Hz)	10100		
13	Sweep - 3Hz	800-970Hz swept every 333ms (3Hz)	10011		
14	Alternate HF slow sweep	2350-2900Hz swept every 333ms (3Hz)	10010		
15	Fast HF sweep	2400-2800Hz swept every 143ms (7Hz)	10001		
16	US Temporal Pattern LF	950Hz for 500ms on, 500ms off (x3), then 1500ms off	10000		
17	Interrupted BS	800Hz for 500ms, then off for 500ms	01111		
18	ISO 8201 LF BS5839 Pt 1	970Hz for 500ms, then off for 500ms	01110		
19	Interrupted medium	1000Hz for 250ms, then off for 250ms	01101		
20	ISO8201 HF	2850Hz for 500ms, then off for 500ms	01100		
21	Continuous	1000Hz continuous	01011		
22	LF Buzz	800-950Hz swept every 9ms (110Hz)	01010		
23	HF Continuous	2800Hz continuous	01001		
24	Sweep	800-970Hz swept every 111ms (9Hz)	01000		
25	<b>German DIN tone</b>	<b>1200-500Hz swept every 1000ms (1Hz)</b>	<b>00111</b>		
26	Swedish Fire signal	660Hz for 150ms, then off for 150ms	00110		
27	<b>French tone AFNOR</b>	<b>554Hz for 100ms, then 440Hz for 400ms</b>	<b>00101</b>		
28	Swedish all clear signal	660Hz continuous	00100		
29	US Temporal Pattern HF	2900Hz for 500ms on, 500ms off (x3), then 1500ms off	00011		
30	Siren 2 way ramp (short)	500-1200Hz rising for 250ms, then falling for 250ms	00010		
31	FP1063.1-Telecom	800Hz for 250ms, then 970Hz for 250ms	00001		
32	Siren 2 way ramp (long)	500-1200Hz rising for 3000ms, then falling for 3000ms	00000		

measurements are recorded in an anechoic chamber  
**Approved tones on bold**

**TECHNICAL INFORMATION**

Voltage Range (Vdc): 18 - 30  
 Number of Tones: 32  
 Tone 1 sound output: High vol 98 dBA  
 Operating Frequency (Hz): 440 - 2900  
 Temperature Range (°C): -20 to +70  
 Flash Rate: c.1Hz (approved)  
 (option for 0.5Hz does not comply with EN54-23)  
 Beacon coverage: W-2.4-8(approved)  
 (option for W-2.4-4 does not comply with EN54-23)  
 max.current consumption at 24V:40mA  
 max power consumption at 24V:960mW  
 Monitoring: Reverse Polarity  
 Protection Rating: IP33C Deep Base  
 Protection Rating: IP21C Shallow Base  
 Boxed Weight (kg): 0.25  
 Base Diameter (mm): Ø93.0  
 Material: ABS fire retardant plastic  
 For the installation requirements use  
 Fire rated cable, 2 - core plus screen



0359-CPR-00473



For any technical queries contact  
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 E-mail: technical@cranfordcontrols.com  
 Made in UK

Doc Ref: 125-111 Issue: 002 Date 05.2015

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