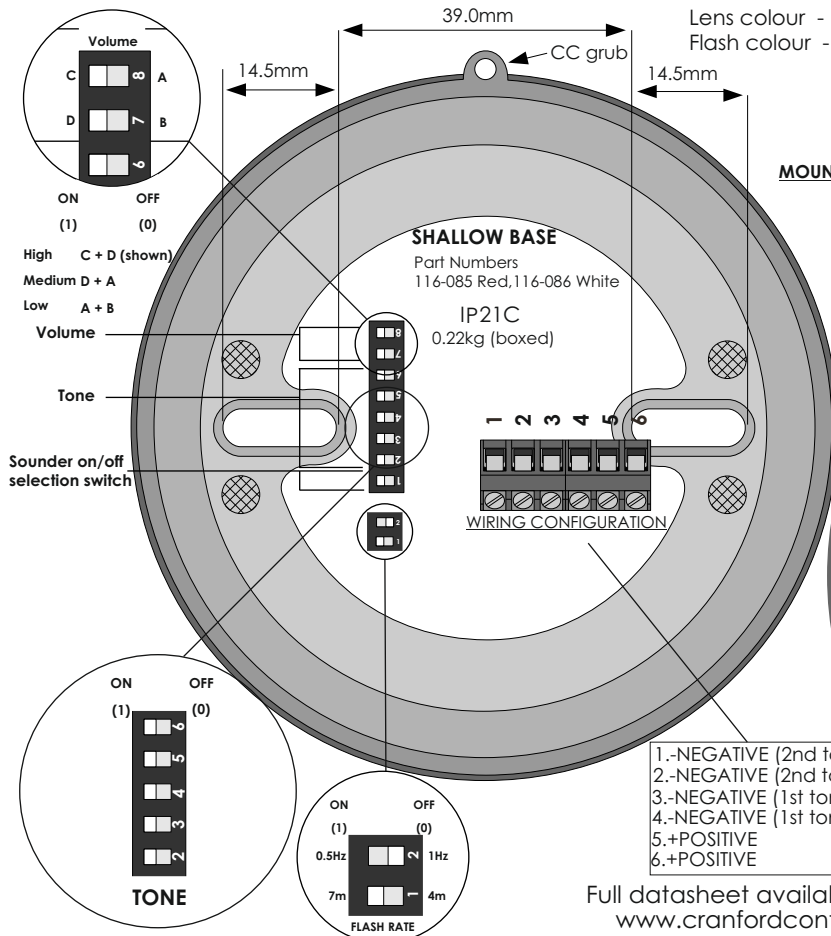


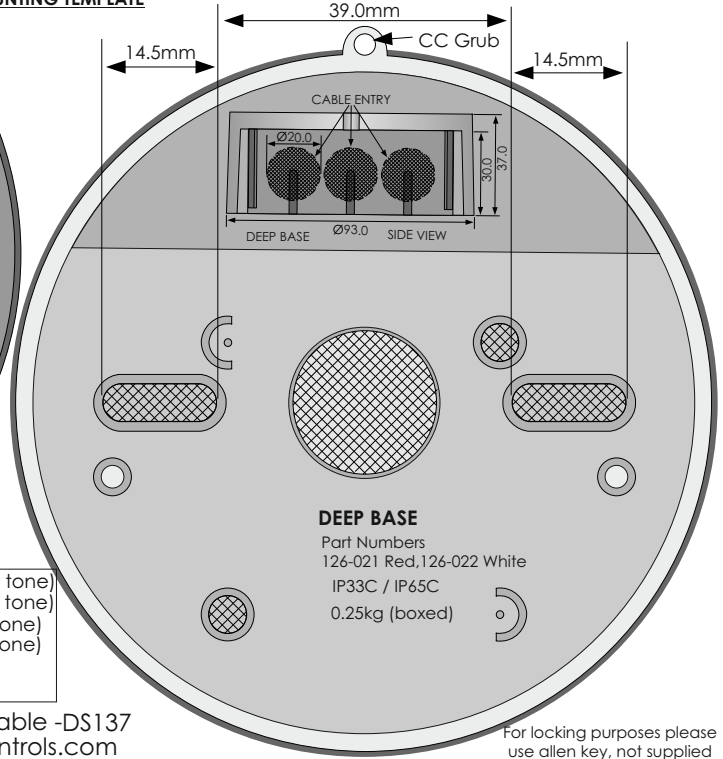
Approved VTB-32EVAD 24V 32-Tone Spatial Sounder/VAD Beacon
Units are available with Deep or Shallow base,
Lens colour - Red
Flash colour - Red

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

For tone wire neg to term 3 and/or4
For 2nd tone wire neg to 1 and/or2
Note that the 2nd tone will over-ride tone



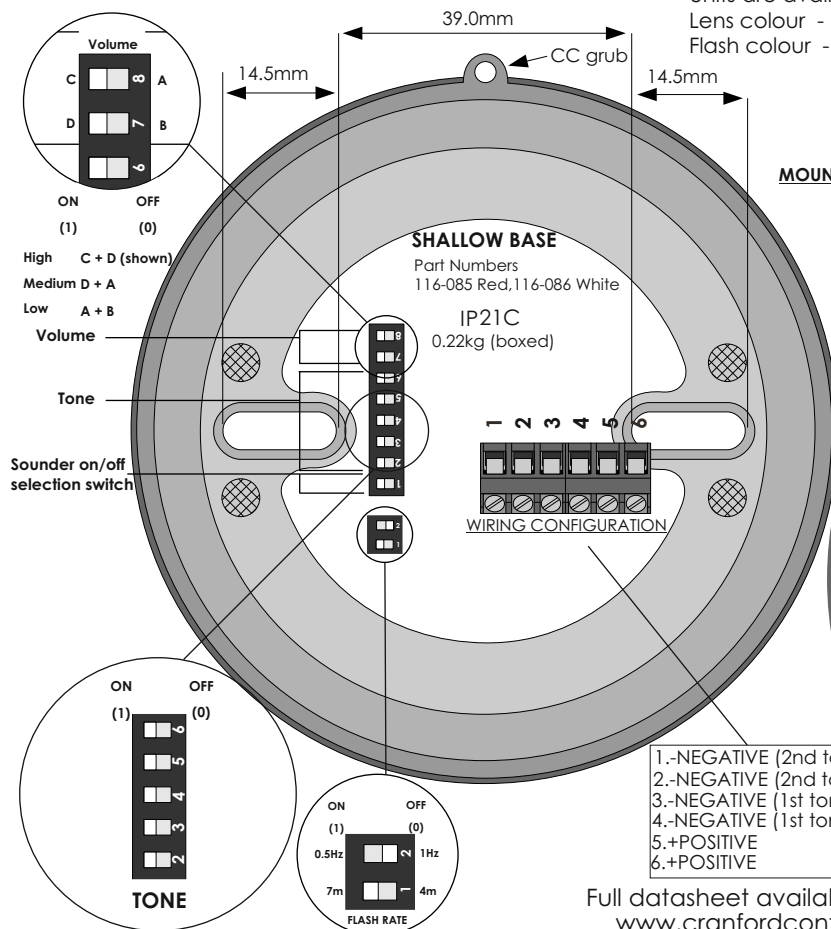
MOUNTING TEMPLATE



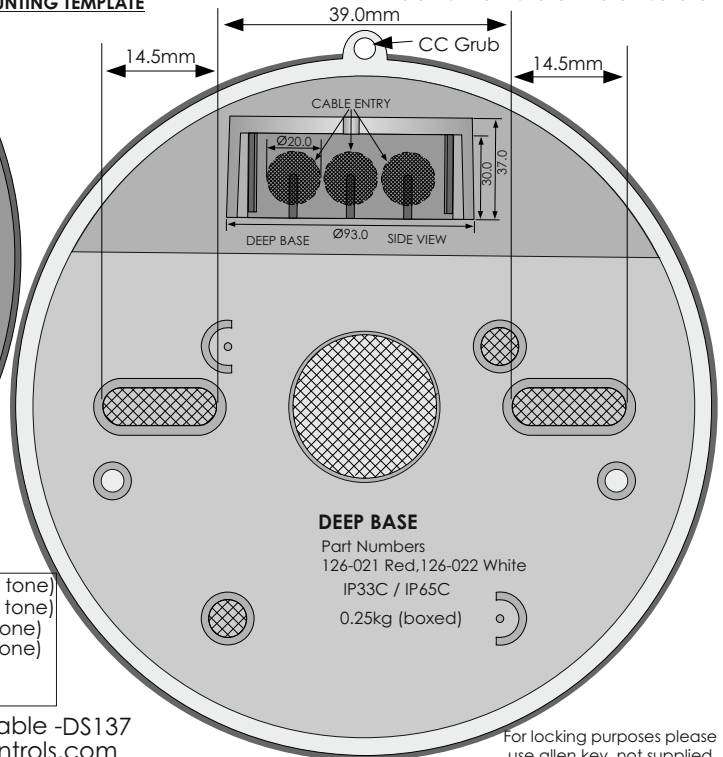
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MOUNTING TEMPLATE



TONE LIST - PERFORMANCE

No.	Name	1st Stage Tone (2nd Stage Tone is continuous as standard)	(23456)	Switch	1st Stage Graphical	2nd Stage Graphical
1	LF Sweep (Cranford sweep)	800-1000Hz swept every 500ms (2Hz)	11111			
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	LF Continuous tone BS5839	800Hz continuous	11000			
9	Sweep - 1Hz	800-900Hz swept every 1000ms (1Hz)	10111			
10	Australian slow whoop	970Hz for 625ms, then off for 150m	10110			
11	Dutch sweep	500 - 1200Hz 3500ms on, 500ms off	10101			
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	German DIN tone	1200-500Hz swept every 1000ms (1Hz)	00111			
26	Swedish Fire signal	660Hz for 150ms, then off for 150ms	00110			
27	French tone AFNOR	554Hz for 100ms, then 440Hz for 400ms	00101			
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

Made in UK

TECHNICAL INFORMATION

Voltage Range (VDC): 18 - 30
Number of Tones: 32
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-2.4-7(Approved)
(Option for W-2.4-4 does not comply with EN54-23)
Coverage volume: 118m³
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
Maintenance: refer to local test and maintenance guidance



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0905-CPR-00473

EN54-3

EN54-23



For any technical queries contact

Tel: +44 (0) 1420 592 444

E-mail: technical@cranfordcontrols.com

Doc Ref: 125-117 Issue: 003 Date 09.2020

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