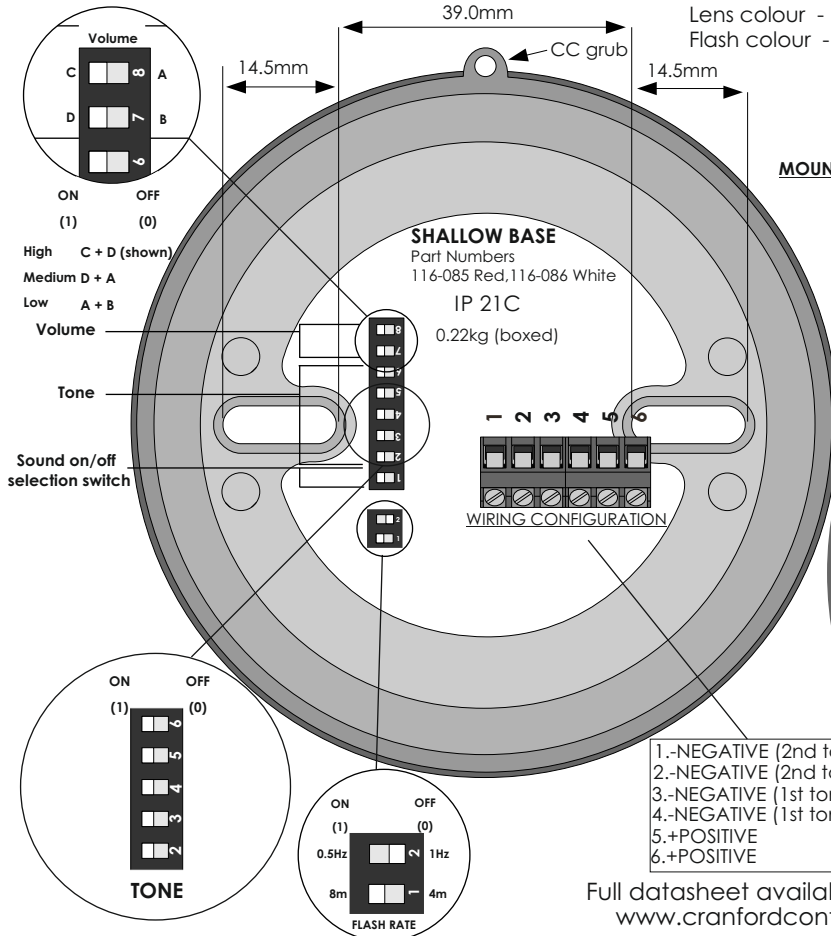
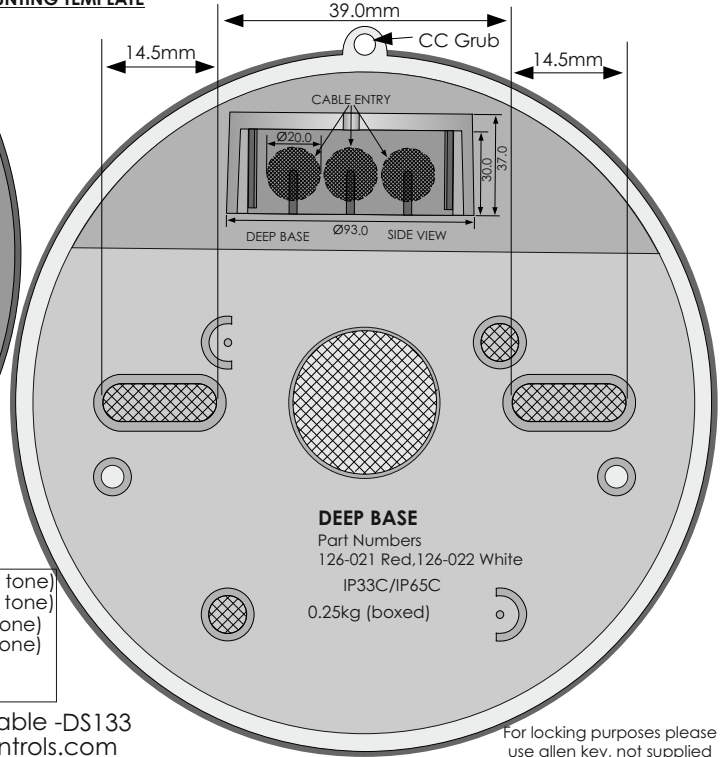


All VTB sounder/beacons are delivered with the volume
 Set to high and tone set to 11111 (Cranford sweep)
 Flash rate set to c.1Hz & 8 meters coverage

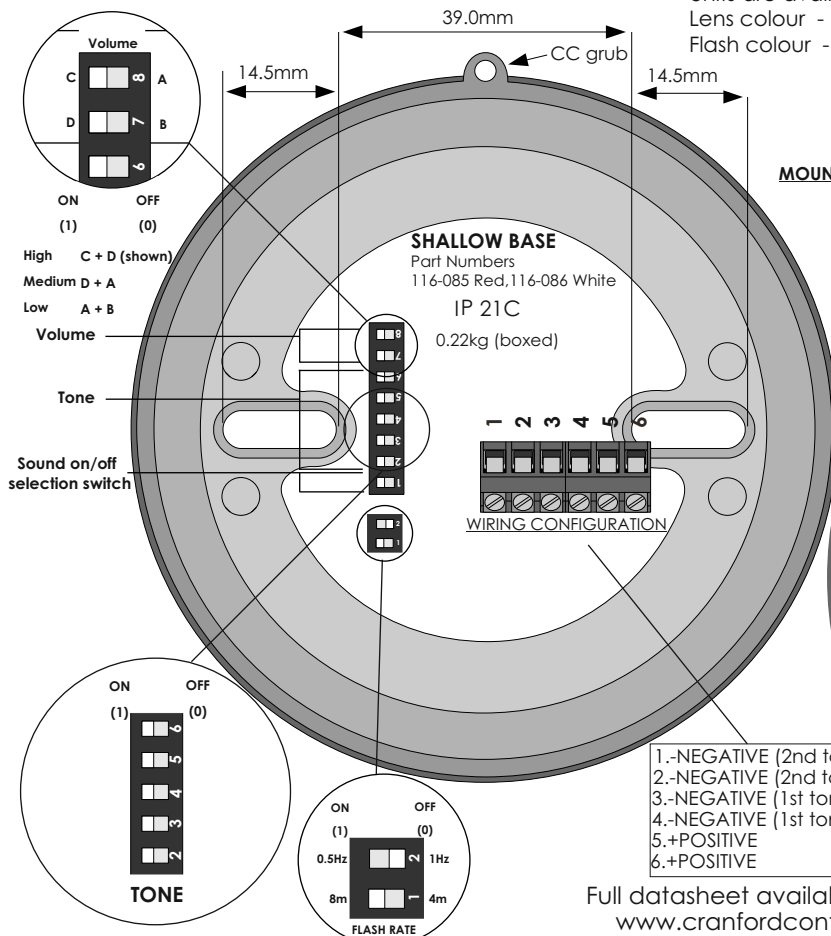
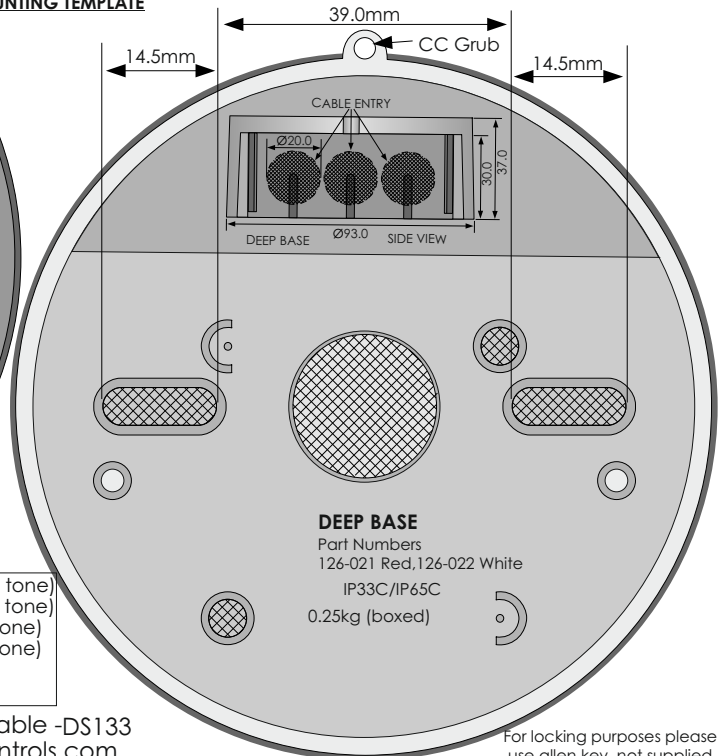
For tone wire neg to term 3 and/or4
 For 2nd tone wire neg to 1 and/or2
 Note that the 2nd tone will over-ride tone


MOUNTING TEMPLATE


Full datasheet available -DS133
www.cranfordcontrols.com

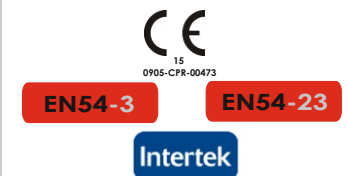
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TONE LIST - PERFORMANCE			Switch			TECHNICAL INFORMATION
No.	Name	1st Stage Tone (2nd stage tone is continuous as standard)	(23456)	1st Stage Graphical	2nd Stage Graphical	Voltage Range (VDC): 18 - 30
1	LF Sweep (Cranford Sweep)	800-1000Hz swept every 500ms (2Hz)	11111			Number of Tones: 32
2	Alternative warble BS	800Hz for 250ms, then 960Hz for 250ms	11110			Tone 1 sound output: High vol 98 dBA
3	Warble Tone BS	800Hz for 500ms, then 1000Hz for 500ms	11101			Operating Frequency (Hz): 440 - 2900
4	Alternative warble BS	500Hz for 250ms, then 600Hz for 250ms	11100			Temperature Range (°C): -20 to +70
5	HF Back up Interrupted	2800Hz for 1000ms, then off for 1000ms	11011			Flash Rate: c.1Hz (Approved)
6	LF Back up Alarm	800Hz for 150ms, then off for 150ms	11010			(Option for 0.5Hz does not comply with EN54-23)
7	HF Back up Interrupted (fast)	2800Hz for 150ms, then off for 150ms	11001			Beacon coverage: W-2.4-8(Approved)
8	LF Continuous tone BS5839	800Hz continuous	11000			(Option for W-2.4-4 does not comply with EN54-23)
9	Sweep - 1Hz	800-900Hz swept every 1000ms (1Hz)	10111			Coverage Volume: 154m³
10	Australian slow whoop	970Hz for 625ms, then off for 150m	10110			Max current consumption at 24V:40mA
11	Dutch sweep	500 - 1200Hz 3500ms on, 500ms off	10101			Max power consumption at 24V:960mW
12	Analogue sweep	500-600Hz swept every 500ms (2Hz)	10100			Monitoring: Reverse Polarity
13	Sweep - 3Hz	800-970Hz swept every 333ms (3Hz)	10011			Protection Rating: IP33C Deep Base
14	Alternate HF slow sweep	2350-2900Hz swept every 333ms (3Hz)	10010			Protection Rating: IP21C Shallow Base
15	Fast HF sweep	2400-2800Hz swept every 143ms (7Hz)	10001			Boxed Weight (kg): 0.25
16	US Temporal Pattern LF	950Hz for 500ms on, 500ms off (x3), then 1500ms off	10000			Base Diameter (mm): Ø93.0
17	Interrupted BS	800Hz for 500ms, then off for 500ms	01111			Material: ABS fire retardant plastic
18	ISO 8201 LF BS5839 Pt 1	970Hz for 500ms, then off for 500ms	01110			For the installation requirements use
19	Interrupted medium	1000Hz for 250ms, then off for 250ms	01101			Fire rated cable, 2 - core plus screen
20	ISO8201 HF	2850Hz for 500ms, then off for 500ms	01100			Maintenance: Refer to local test and maintenance guidance
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				Made in UK		For any technical queries contact
Approved tones on bold						Tel: +44 (0) 1420 592 444
						E-mail: technical@cranfordcontrols.com
						Doc Ref: 125-111 Issue: 004 Date 09.2020



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