

Description

Approved VTB-32EVAD 24V 32-Tone Spatial Sounder/VADBeacon

Units are available with Deep or Shallow base,
Lens colour - Red
Flash colour - White

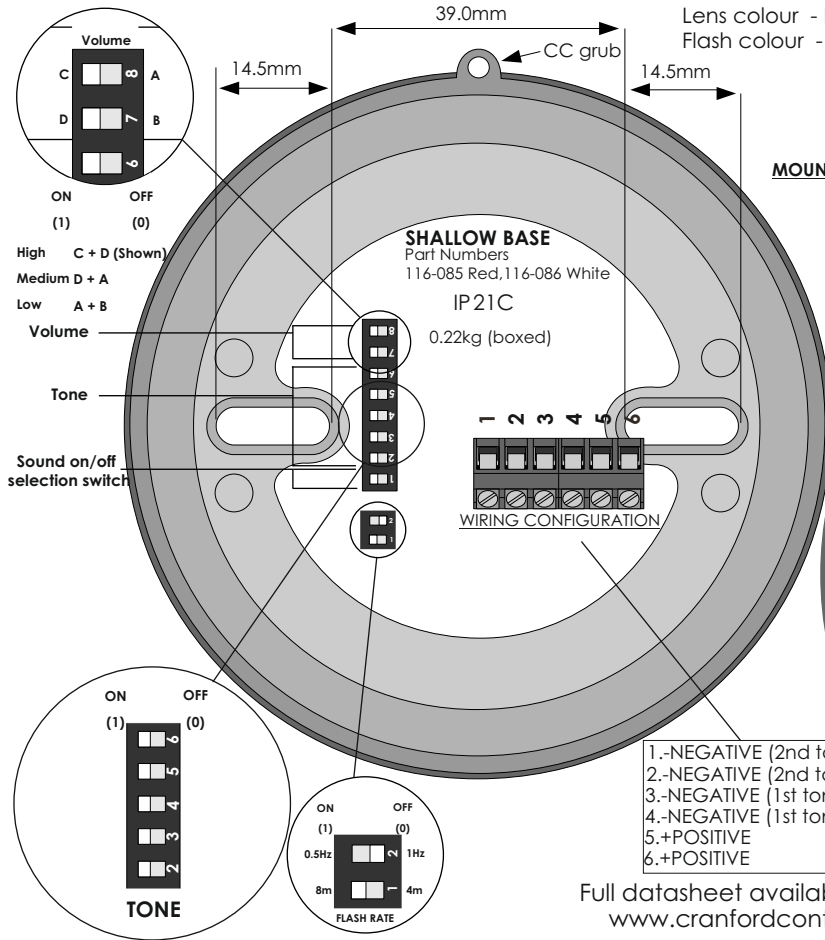
Instruction Insert

Voltage Range

18 - 30VDC

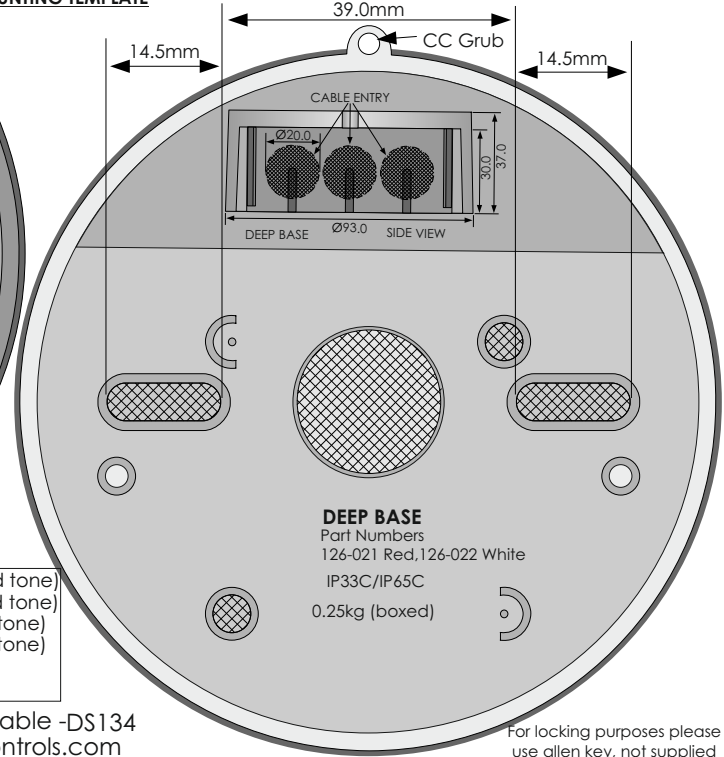
All VTB sounder/beacons are delivered with the volume
Set to high and tone set to 11111 (Cranford sweep)
Flash rate set to c.1Hz & 8 meters coverage

For tone wire neg to term 3 and/or 4
For 2nd tone wire neg to 1 and/or 2
Note that the 2nd tone will over-ride tone



Full datasheet available -DS134
www.cranfordcontrols.com

MOUNTING TEMPLATE



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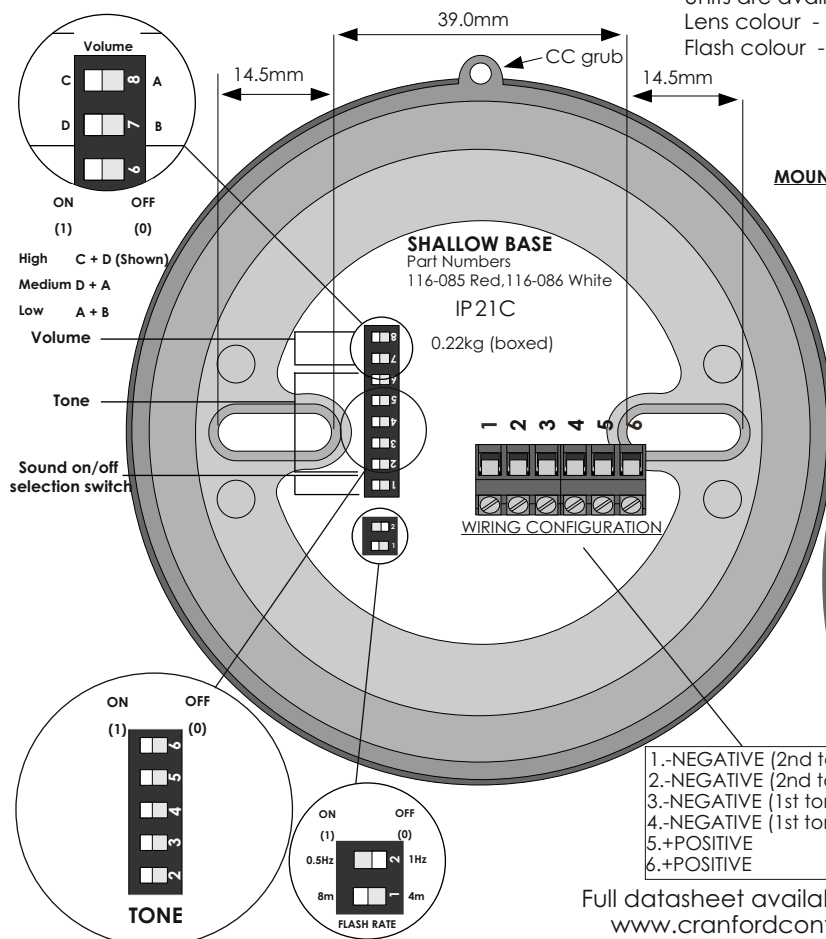
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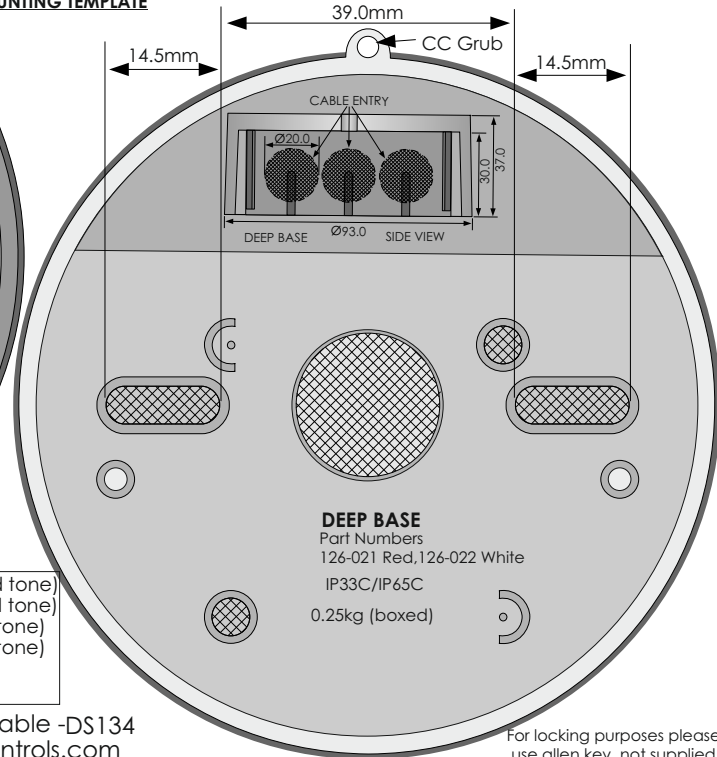
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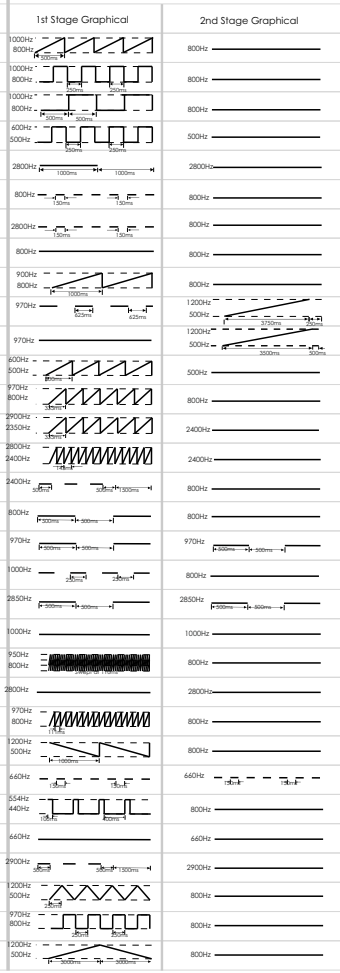
TONE LIST - PERFORMANCE

No.	Name	1st Stage Tone (2nd Stage Tone is continuous as standard)	Switch (23456)
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

Switch



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: C-3-8(Approved)

(Option for C-3-4 does not comply with EN54-23)

Coverage volume: 151m³

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

Maintenance: Refer to local test and

maintenance guidance



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: 125-110 Issue: 004 Date 09.2020

Made in UK

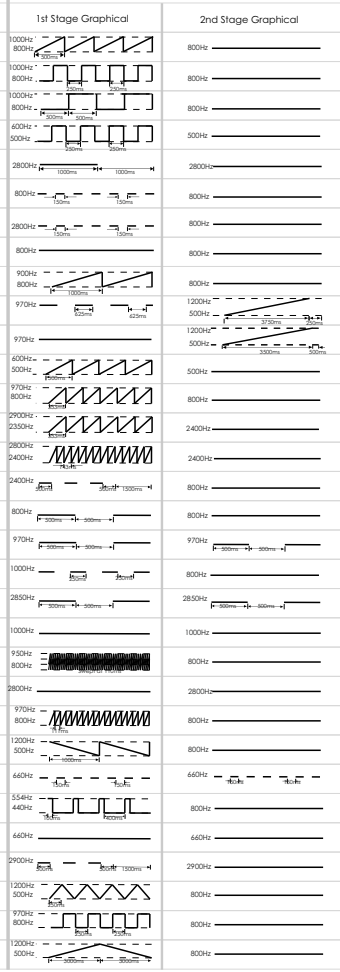
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