



AH-03127

Electronic Sounder and Beacon



AH-03127-BS

AH-03127-S

General

This electronic sounder is designed for use with fire alarm systems, security systems and industrial signaling systems. Combined sounder and beacon provides an audio-visual warning which is suitable for places where high sound output and visual indication is required.

Characteristics

- 32 signal tones selectable by Dip switch.
- High sound output with low current consumption.
- High efficiency lens for maximum light output.
- Volume Control as standard.
- Two sets of IN and OUT terminals, easy for installation.



Specifications

Model	AH-03127-S	AH-03127-BS
Voltage	24V DC	
Current Consumption 24V DC (MAX)	35mA	40mA
Sound Output 24V DC dB (A) at 1 meter	Max. 114	
Volume Control	0 to -20dB adjustment	
Ingress Protection	IP44	
Ambient Temperature	-25°C ~ +80°C	
Material	Fire-proof plastic	
Dimensions	92.5mm(Dia.) x 94mm(H)	92.5mm(Dia.) x 110mm(H)
Weight	254g	278g

No.	Tones	Code 12345	Output (dB)*1	Current (mA)*2	Current (mA)*3
1	Alternating Tones 800/970 Hz at 2Hz	11111	80	15.1	23.0
2	Sweeping 800/970 Hz at 7Hz	11110	79	16.1	25.7
3	Sweeping 800/970 Hz at 1Hz	11101	101	14.5	25.8
4	Continuous at 2850Hz	11100	110	37.4	35.6
5	Sweeping 2400 - 2850 Hz at 7Hz	11011	109	25.4	35.0
6	Sweeping 2400 - 2850 Hz at 1Hz	11010	112	24.2	39.8
7	Slow Whoop	11001	101	14.7	25.8
8	Sweep 1200 - 500 Hz at 1Hz	11000	100	15.7	25.2
9	Alternating Tones 2400/2850 Hz at 2Hz	10111	112	26.4	35.7
10	Intermittent Tones of 970Hz at 1Hz	10110	102	13.0	24.8
11	Alternating Tones 800/970 Hz at 1Hz	10101	103	16.2	24.8
12	Intermittent Tones of 2850Hz at 1Hz	10100	114	13.7	30.6
13	970Hz at 1/4 sec. on, 1 sec. off	10011	98	13	23.5
14	Continuous at 970Hz	10010	106	19.9	25.0
15	554Hz for 100ms and 440Hz for 400ms	10001	97	14.5	23.1
16	Intermittent 660Hz 150ms on / 150ms off	10000	93	14.7	23.4

No.	Tones	Code 12345	Output (dB)*1	Current (mA)*2	Current (mA)*3
17	Intermittent 600Hz 1.8 sec. on /1.8 sec. off	01111	96	12.5	23.9
18	Intermittent 600Hz 6.5 sec. on /13 sec. off	01110	96	12.9	23.9
19	Continuous 660Hz	01101	95	15	23.9
20	Alternating 554/440 Hz at 1Hz	01100	100	14.7	20.1
21	Intermittent 660Hz at 1Hz	01011	95	13.1	23.9
22	Intermittent 2850Hz 150ms on /100ms off	01010	111	16.1	29.6
23	Sweep 800 - 970 Hz at 50Hz	01001	98	17.7	25.8
24	Sweep 2400 - 2850 Hz at 50Hz	01000	109	33.7	38.8
25	Intermittent 970Hz 500ms on /500ms off	00111	102	13.0	24.7
26	Intermittent 2850Hz 500ms on /500ms off	00110	114	13.5	30.7
27	Continuous at 4kHz	00101	108	26.5	33.8
28	Intermittent 400Hz 500ms on /500ms off	00100	98	14.2	22.9
29	Intermittent 400Hz 500ms on /250ms off	00011	95	13.5	26.6
30	Sweeping 320/480 Hz at 40Hz	00010	95	14.0	22.9
31	Intermittent 2kHz 200ms on /500ms off	00001	108	14.0	27.6
32	Off	00000			

Tone 1) Alternating Tones, 800/970Hz @ 2Hz

Operational Performance Max. 24V DC		
Angle	S-dB(A)	BS-dB(A)
15°	80.5	80.5
45°	86	90
75°	90	88.5
105°	94.5	88
135°	87	90
165°	84.5	82

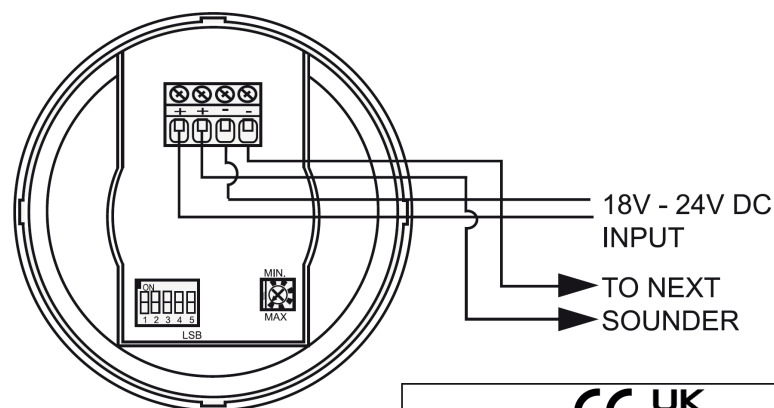
Tone 2) Sweeping Tones, 800/970Hz @ 7Hz

Operational Performance Max. 24V DC		
Angle	dB(A)	BS-dB(A)
15°	80.5	79.3
45°	85.6	84.3
75°	91	86.2
105°	92	86.3
135°	86	84.3
165°	82	79.1

*: Only Tone1 and Tone2 are LPCB approved.

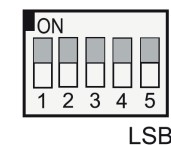
*1: Typical Sound Output 24V at 1m.
Min. Sound pressure level for all tones exceeds 79dB(A)

*2: Typical Current for AH-03127-S.
*3: Typical Current for AH-03127-BS.



Ingress Protection: IP44

0832	
AH-03127-S	
AH-03127-BS	
0832-CPD-1080	0832-CPD-1010
EN 54-3	EN 54-3
Fire Alarm Device - Sounder Type B	Fire Alarm Device - Sounder Type B



Sound Output Tone: Switch to " ON " is " 0 ", to numeric is " 1 ".



Sound Output Level

