

Electronic Sounder and Beacon

32 signal tones

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.

Features

- **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



AH-03127-BS



Electronic Sounder AH-03127-S

Electronic Sounder and Beacon
Model : AH-03127-S, AH-03127-BS
Manufactured : HORING LIH INDUSTRIAL CO.,LTD
Approvals : EN54  

Specification

Model	AH-03127-S	AH-03127-BS
Voltage	24V DC	
Current Consumption 24V DC (tone 3)	14.5mA	
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	ABS plastic	
Dimensions	92.5mm(Dia.) x 94mm(H)	92.5mm(Dia.) x 110mm(H)
Weight	254g	278g

Order information

AH-03127-S	Electronic Sounder
AH-03127-BS	Electronic Sounder and Beacon

No.	Tones	Code	Output (dB) ¹	Current (mA) ²	Current (mA) ³	No.	Tones	Code	Output (dB) ¹	Current (mA) ²	Current (mA) ³
1	Alternating Tones 800/970 Hz at 2Hz	11111	80	15.1	23.0	17	Intermittent 600Hz 1.8 sec. on /1.8 sec. off	01111	96	12.5	23.9
2	Sweeping 800/970 Hz at 7Hz	11110	79	16.1	25.7	18	Intermittent 600Hz 6.5 sec. on /13 sec. off	01110	96	12.9	23.9
3	Sweeping 800/970 Hz at 1Hz	11101	101	14.5	25.8	19	Continuous 660Hz	01101	95	15	23.9
4	Continuous at 2850Hz	11100	110	37.4	35.6	20	Alternating 554/440 Hz at 1Hz	01100	100	14.7	20.1
5	Sweeping 2400 - 2850 Hz at 7Hz	11011	109	25.4	35.0	21	Intermittent 660Hz at 1Hz	01011	95	13.1	23.9
6	Sweeping 2400 - 2850 Hz at 1Hz	11010	112	24.2	39.8	22	Intermittent 2850Hz 150ms on /100ms off	01010	111	16.1	29.6
7	Slow Whoop	11001	101	14.7	25.8	23	Sweep 800 - 970 Hz at 50Hz	01001	98	17.7	25.8
8	Sweep 1200 - 500 Hz at 1Hz	11000	100	15.7	25.2	24	Sweep 2400 - 2850 Hz at 50Hz	01000	109	33.7	38.8
9	Alternating Tones 2400/2850 Hz at 2Hz	10111	112	26.4	35.7	25	Intermittent 970Hz 500ms on /500ms off	00111	102	13.0	24.7
10	Intermittent Tones of 970Hz at 1Hz	10110	102	13.0	24.8	26	Intermittent 2850Hz 500ms on /500ms off	00110	114	13.5	30.7
11	Alternating Tones 800/970 Hz at 1Hz	10101	103	16.2	24.8	27	Continuous at 4kHz	00101	108	26.5	33.8
12	Intermittent Tones of 2850Hz at 1Hz	10100	114	13.7	30.6	28	Intermittent 400Hz 500ms on /500ms off	00100	98	14.2	22.9
13	970Hz at 1/4 sec. on, 1 sec. off	10011	98	13	23.5	29	Intermittent 400Hz 500ms on /250ms off	00011	95	13.5	26.6
14	Continuous at 970Hz	10010	106	19.9	25.0	30	Sweeping 320/480 Hz at 40Hz	00010	95	14.0	22.9
15	554Hz for 100ms and 440Hz for 400ms	10001	97	14.5	23.1	31	Intermittent 2kHz 200ms on /500ms off	00001	108	14.0	27.6
16	Intermittent 660Hz 150ms on / 150ms off	10000	93	14.7	23.4	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

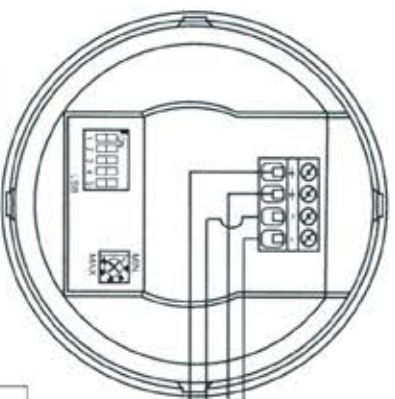
Operational Performance Max. 24V DC		
Angle	dB(A)	BS-dB(A)
15°	80.5	79.3
45°	85.6	84.3
75°	91	86.2
105°	92	86.3
135°	86	84.3
165°	82	79.1

* Only Tone1 and Tone2 are LPCB approved.

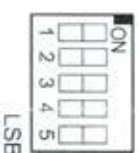
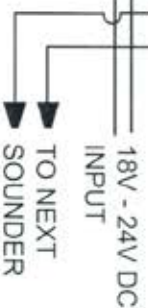
*1: Typical Sound Output 24V at 1m. Min. Sound pressure level for all tones exceeds 79dB(A)

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

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



Ingress Protection: IP44



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

Sound Output Level



CE	
0832	
Horng Lift Ind. Co., Ltd Taipei, Taiwan	
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