DC Audio Alarm

Part No. Sounder31: AH03127-S



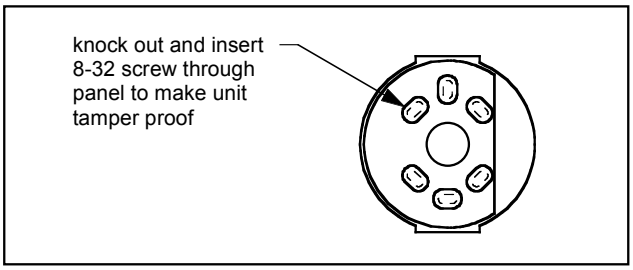
The Sounder31 siren was designed for use in industrial control systems as well as for use in fire alarm and security systems.

Features

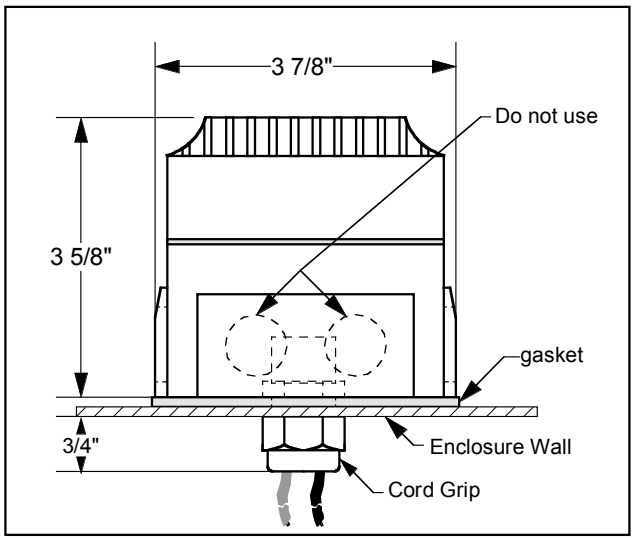
- 31 tones selectable by dip switch
- Weather proof
- High sound output
- Variable output
- Low current consumption
- 12/24 VDC operation auto select no adjustment required
- Two sets of In and out terminals for parallel operation
- Multiple mounting methods
- Easy one hole mounting - 1/2" KO or 7/8" hole
- Add 8-32 screw to make unit tamper proof
- Supplied with UL Listed cord grip that accepts wire from 1/8" - 3/16" OD

Technical Specifications

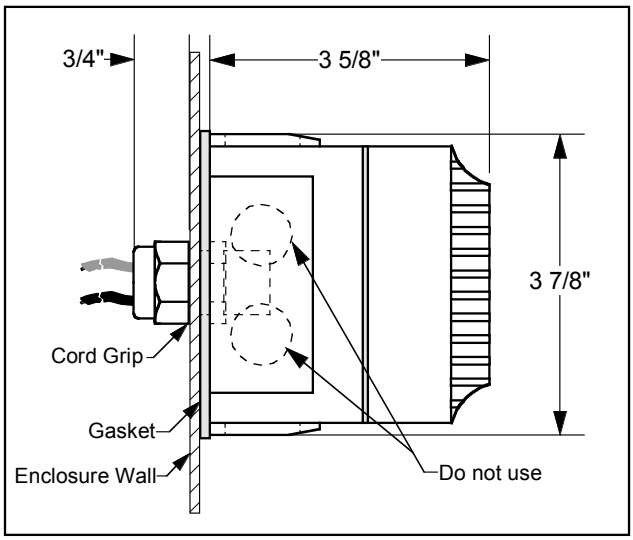
- Voltage: 12~24 VDC
- Current Draw: 34mA max
- Vertical mounting not recommended for outdoor use
- Do not use two knock outs in front of unit



Bottom View



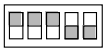
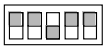
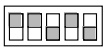
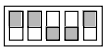
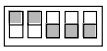
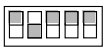
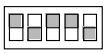
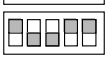
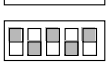
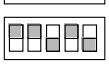
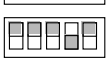
Mounting for Indoor Use



Mounting for Outdoor Use

8725 Youngerman Ct. Ste 206 Jacksonville, FL 32244 ■ 888-875-2221 ph (904)778-2444 fax ■ Website:www.ingramproducts.com ■ e-mail: info@ingramproducts.com

Technical Data for AHM Series Alarms

Switch Positon	Tones	Output (dB)	Current (mA)
	Alternating Tones 800/970 Hz at 2Hz	101	15.1
	Sweeping 800/970Hz at 7Hz	100	16.1
	Sweeping 800/970Hz at 1Hz	110	14.5
	Continuous at 2850Hz	110	37.4
	Sweeping 2400-2850Hz at 7Hz	109	25.4
	Sweeping 2400-2850Hz at 1Hz	112	24.2
	Slow Whoop	101	14.7
	Sweep 1200 - 500Hz at 1Hz	100	15.7
	Alternating Tones 2400/2850Hz at 2Hz	112	26.4
	Intermittent Tones of 970 Hz at 1Hz	102	13.0
	Alternating Tones 800/970Hz at 1Hz	103	16.2
	Intermittent Tones of 2850Hz for 400ms	114	13.7
	970Hz at 1/4 sec. On, 1 sec. Off	98	13.0
	Continuous at 970Hz	106	19.9
	554 Hz for 100ms and 440Hz for 400ms	97	14.5
	Intermittent 660Hz 150ms on / 150ms off	93	14.7
	Intermittent 600Hz 1.8 sec. on / 1.8 sec. off	96	12.5
	Intermittent 600Hz 6.5 sec. on / 13 sec. off	96	12.9
	Continuous 660Hz	95	15.0
	Alternating 554 / 440Hz at 1Hz	100	14.7
	Intermittent 660Hz at 1Hz	95	13.1
	Intermittent 2850Hz 500ms on / 500ms off	111	16.1
	Sweep 800- 970Hz at 50Hz	98	17.7
	Sweep 2400 - 2850Hz 500ms on / 500ms off	109	33.7
	Intermittent 970Hz 500ms on 500ms off	102	13.0
	Intermittent 2850Gz 500ms on 250ms off	114	13.5
	Continuous at 4kHz	108	26.5
	Intermittent 400Hz 500ms on / 250ms off	98	14.2
	Intermittent 400Hz 500ms on / 250ms off	95	13.5
	Sweeping 320 / 480Hz at 40Hz	95	14.0
	Intermittent 2kHz 200ms on / 500ms off	108	14.0

No.	Tones	Code 12345	Output (dB)*1	Current (mA)*2
1	Alternating Tones 800/970 Hz at 2Hz	11111	94	15.1
2	Sweeping 800/970 Hz at 7Hz	11110	92	16.1
3	Sweeping 800/970 Hz at 1Hz	11101	101	14.5
4	Continuous at 2850Hz	11100	110	37.4
5	Sweeping 2400 - 2850 Hz at 7Hz	11011	109	25.4
6	Sweeping 2400 - 2850 Hz at 1Hz	11010	112	24.2
7	Slow Whoop	11001	101	14.7
8	Sweep 1200 - 500 Hz at 1Hz	11000	100	15.7
9	Alternating Tones 2400/2850 Hz at 2Hz	10111	112	26.4
10	Intermittent Tones of 970Hz at 1Hz	10110	102	13.0
11	Alternating Tones 800/970 Hz at 1Hz	10101	103	16.2
12	Intermittent Tones of 2850Hz at 1Hz	10100	114	13.7
13	970Hz at 1/4 sec. on, 1 sec. off	10011	98	13
14	Continuous at 970Hz	10010	106	19.9
15	554Hz for 100ms and 440Hz for 400ms	10001	97	14.5
16	Intermittent 660Hz 150ms on / 150ms off	10000	93	14.7

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

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

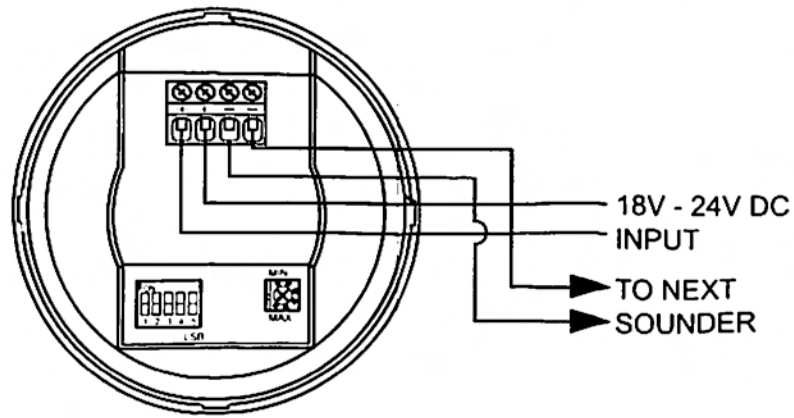
Operational Performance Max. 24V DC	
Angle	dB(A)
15°	81.3
45°	87
75°	93
105°	94.5
135°	87.3
165°	84.5

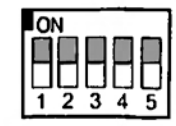
Tone 2) Sweeping Tones, 800/970Hz @ 7Hz

Operational Performance Max. 24V DC	
Ange	dB(A)
15°	81.0
45°	85.6
75°	91.7
105°	92.7
135°	86.4
165°	83.3

*1: Max. Sound Output 24V at 1m. Min. Sound pressure level for all tones exceeds 65dB(A)

*2: Typical Current (average mA).

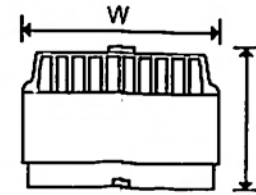




Sound Output Tone:Switch to " ON " is " 0 ", to numeric is " 1 ".



Sound Output Level



53mm(H)* ∅ 92mm(W)