



GENESIS INTERNATIONAL, INC.

WALL MOUNT HORN/STROBE INDOOR / OUTDOOR EXTENDED TEMPERATURE



12V DC / 24V DC HORN/STROBE

Features

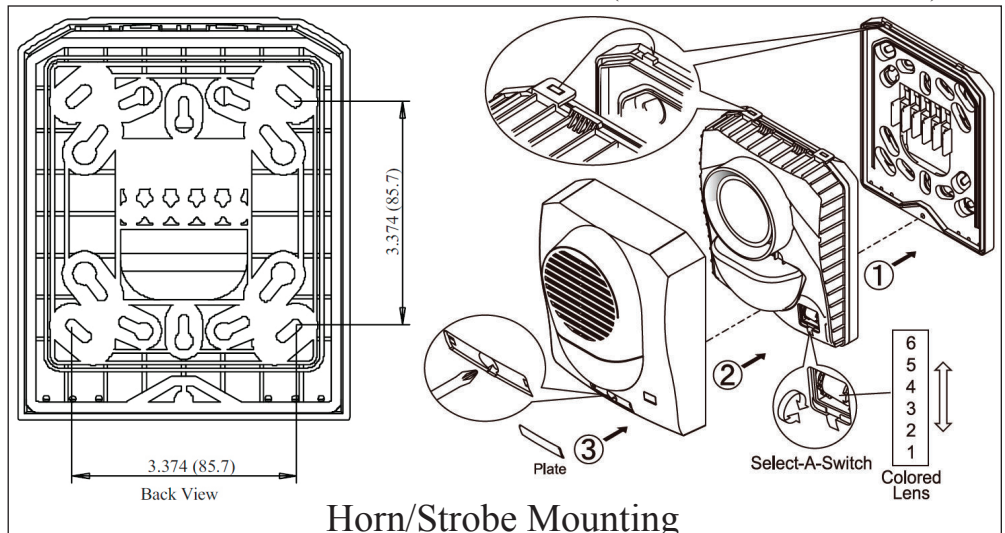
- 3 settings at 12 VDC, 6 settings at 24 VDC
 - Strobe output selection view window
 - Pre-wire back plate
 - Universal back plate mounting
 - Single screw mounting
 - 33 Sound Output Settings
 - Indoor or outdoor*
 - Anodized reflection for true light output
 - UL and cUL listed
- * Outdoor installation requires a NEMA 4 back box

The Genesis Horn/Strobe provides a wide range of strobe light output options in a single device. The strobe output setting is displayed through the front window and is selectable using a drum wheel. The voltage input can be either regulated DC or full wave rectified (FWR) 12V DC or 24V DC with an operating range from 8 to 33V DC.

The horn settings include Temporal, Non-Temporal, March Time and Chime and has Low, Mid and High volume settings for each pattern and tone. The



SELECT-A-SWITCH



tones are 2400 Hz, Electro-Mechanical, Broadband and Chime.

The Horn/Strobe has a universal mounting plate that will mount on a most electrical boxes. The back plate allows the installer to mount the plate and terminate the wire connections and attach the horn in hinge fashion from the top and secure it by a single mounting screw that is concealed by a cover for a clean appearance. The Horn/Strobe completely covers the mounting back plate, so it can be mounted before painting and not affect the final look.

The Horn/Strobe is listed for indoor and outdoor installations. For outdoor installations, the device must be mounted on an optional outdoor bell back box.

SPECIFICATIONS

Standard Operating Temperature

- Indoor Model** 32°F to 120°F (0°C to 49°C)
- Outdoor Model** -40°F to 151°F (-40°C to 66°C)

Strobe Flash Rate 60 times/min.

Horn Sound Output 55 to 100 db

Nominal DC Voltage

Regulated 12DC/FWR or regulated 24DC/FWR1

Operating Voltage Range

8 to 17.5V (12V nominal) or 16 to 33 V (24 nominal)

Input Terminal Wire Gauge 12 to 18 AWG

Dimensions (Inches (mm))

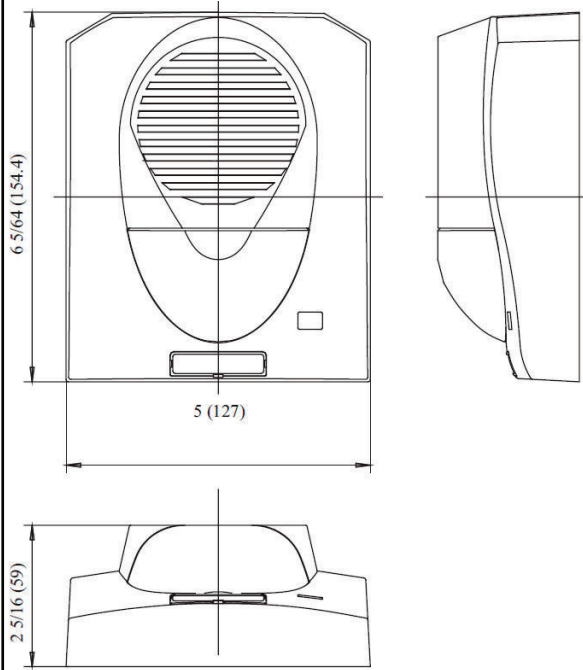
Horn/Strobe (Including Lens)

6.08L × 5.0W × 2.31D (154.4L × 127W × 59D)

Weatherproof Back Box (Optional)

6.51L × 6.21W × 2.0D (165.5L × 157.7W × 50.8D)

Horn/Strobe Dimensions



Non-Temporal Horn Current

Pattern	Volume	Max. RMS Current (mA RMS Current)		dBA Reverberant Ratings per UL464 (dBA @ 10 ft.)		dBA Anechoic Ratings per CAN/ULC S525 (dBA @ 10 ft.)	
		Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC
2400 Hz	High	119	189	87	87	99	100
	Mid	44	110	82	82	94	96
	Low	30	72	79	80	92	92
Electro-Mechanical	High	118	174	86	87	100	100
	Mid	43	98	82	84	96	97
	Low	27	66	79	80	93	93
Broadband	High	146	205	86	86	101	102
	Mid	41	104	81	82	96	98
	Low	28	66	77	79	94	95
Chime	High	37	37	70	70	86	86
	Mid	11	16	62	62	79	80
	Low	9	12	58	57	75	75

Temporal Horn Current

Pattern	Volume	Max. RMS Current (mA RMS Current)		dBA Reverberant Ratings per UL464 (dBA @ 10 ft.)		dBA Anechoic Ratings per CAN/ULC S525 (dBA @ 10 ft.)	
		Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC
2400 Hz	High	124	203	82	82	100	100
	Mid	46	110	77	79	95	96
	Low	30	82	74	75	92	92
Electro-Mechanical	High	114	193	83	82	100	101
	Mid	42	113	78	80	95	96
	Low	28	75	75	76	93	93
Broadband	High	151	219	82	82	101	102
	Mid	45	110	77	78	97	98
	Low	30	79	75	76	94	95
Chime	High	29	35	68	70	86	86
	Mid	10	17	61	61	79	79
	Low	9	12	55	55	75	76

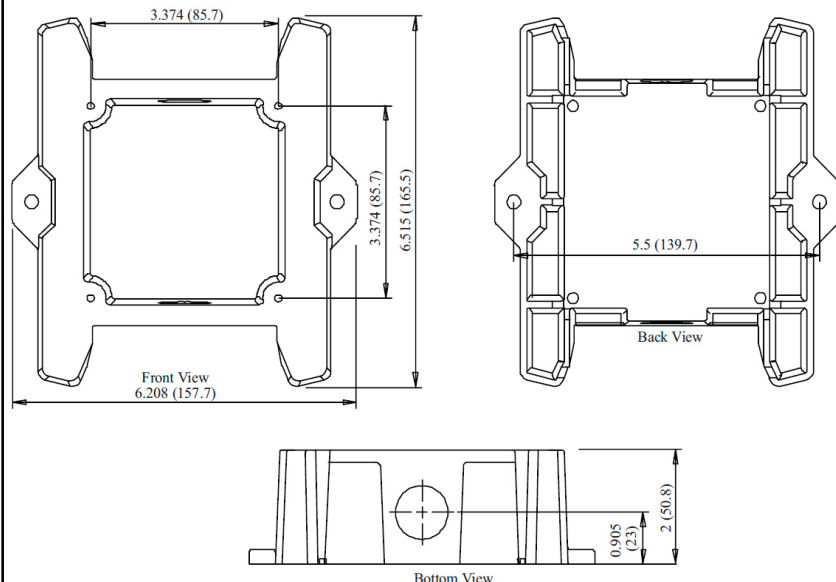
Strobe Current

Setting	Light Output	Max. RMS Operating Current (mA RMS)			
		Reg. 12 VDC	Reg. 12 FWR	Reg. 24 VDC	Reg. 24 FWR
1	15cd	129	185	100	102
2	35cd	160	214	135	161
3	60/75cd	193	239	171	202
4	75cd	NA	NA	190	228
5	95cd	NA	NA	211	255
6	110cd	NA	NA	225	284

March Time Horn Current

Pattern	Volume	Max. RMS Current (mA RMS Current)		dBA Reverberant Ratings per UL464 (dBA @ 10 ft.)		dBA Anechoic Ratings per CAN/ULC S525 (dBA @ 10 ft.)	
		Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC	Reg 12 VDC	Reg 24 VDC
2400 Hz	High	121	210	83	84	99	100
	Mid	47	116	79	81	95	96
	Low	36	75	76	77	92	92
Electro-Mechanical	High	114	192	83	83	100	100
	Mid	42	103	80	81	95	96
	Low	30	71	77	77	92	93
Broadband	High	153	230	83	84	101	102
	Mid	42	105	79	80	97	98
	Low	29	79	76	77	94	95

Weather Proof Back Box Dimensions



Horn / Strobe Part Numbers

Indoor (Back Box not included)

- 87-0075 (White With Clear Lens)
- 87-0128 (White With Blue Lens)
- 87-0129 (White With Red Lens)
- 87-0130 (White With Amber Lens)

Indoor/Outdoor With NEMA 4X Back Box

- 87-0619 (White With Clear Lens)
- 88-0569 (White With Blue Lens)
- 88-0570 (White With Red Lens)
- 88-0571 (White With Amber Lens)

Please check with Genesis for the red housing option part numbers.



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