

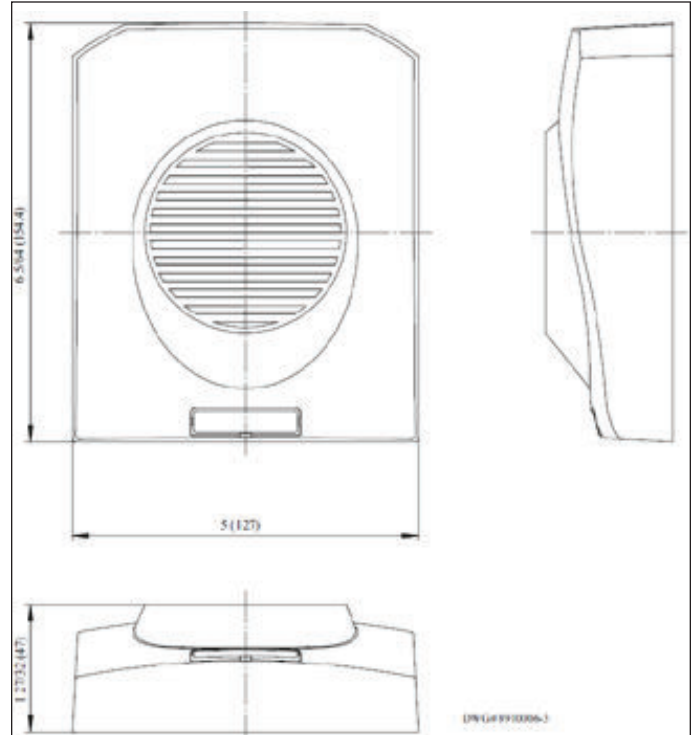


# GENESIS INTERNATIONAL, INC.

## SELECT-A-HORN



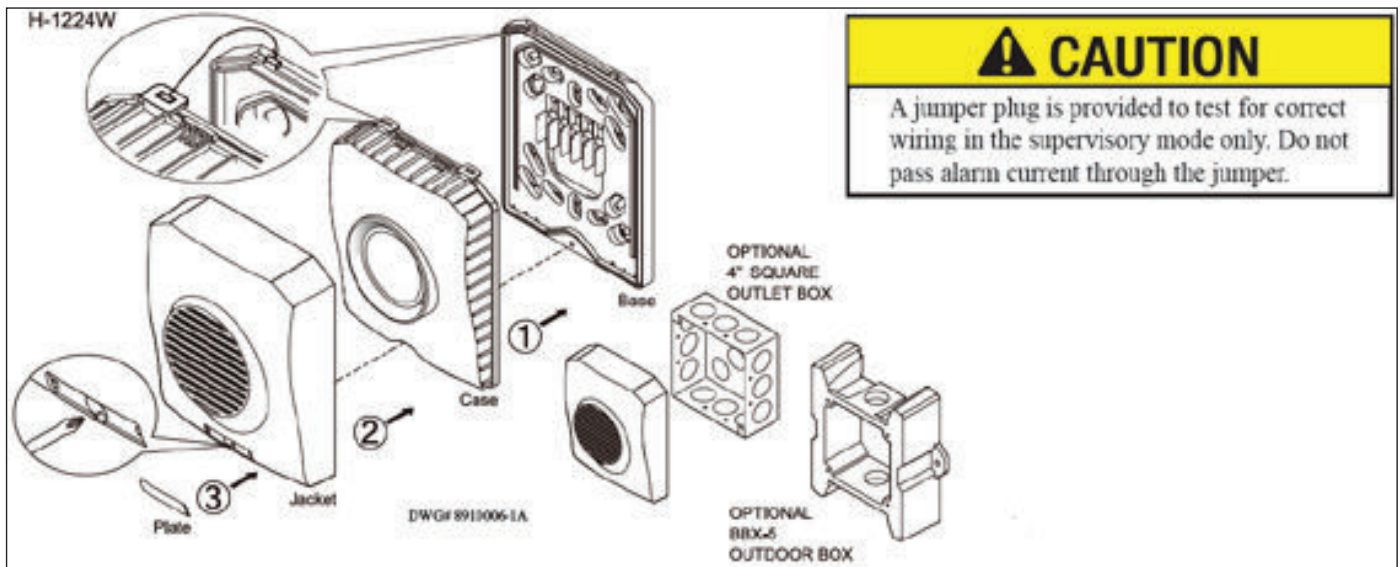
Dimensions: inches(mm)



The Sherlock electronic Horn Part number 87-0111 allows a number of applications on a single device. The horn settings include Temporal, Non-Temporal, March Time and a Chime sound. The horn also has Low, Mid and High volume settings for each pattern and tone. The tones include 2400 Hz, Electro-Mechanical, Broadband and Chime.

The voltage input can be either regulated DC or full wave rectified (FWR) 12V or 24V DC operation. The horn utilizes a universal mounting plate that will mount on a single gang, double gang, octagon and 4" square electrical boxes. Outdoor installations

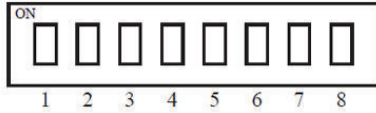
must use a square (weatherproof backbox). The back plate allows the installer to mount the plate and terminate the wire connections. The horn attaches in a hinge fashion from the top and is secured by a single mounting screw. The horn completely covers the mounting back plate, therefore it can be mounted before other trades work is completed and not affect the final look.



**Dipswitch Settings**

*Pattern*

- 1 ON - Non-temporal
- 1 OFF - Temporal
- Both 2 = OFF
- 1 and 2 ON = March Time



*Tone*

- 3 and 4 ON = 2400Hz
- 3 ON and 4 OFF = Electromechanical
- 3 and 4 OFF = Chime
- 3 OFF and 4 ON = Broadband

*Volume*

- 5 and 6 ON = High
- 5 ON and 6 OFF = Mid
- 5 and 6 OFF = Low
- 7 and 8 ON = Horn/strobe on 2 wires
- 7 and 8 OFF = Horn and strobe on 4 wires

**Features**

- 33 sound output settings
- Horn or chime sound output
- Indoor/outdoor\* listed
- Pre-wire back plate
- Universal back plate mounting (single gang, double gang, octagon, or 4" square)
- Single screw mounting
- Low current draw
- UL and cUL listed

\* Outdoor requires NEMA 4X Backbox

**Horn Part Numbers**

**Indoor (Back Box not included)**  
87-0111 (White)

**Indoor/Outdoor With NEMA 4X Back Box**  
88-0617 (White)

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

Voltage	12/24V	
UL Designation	Regulated 12 DC/ FWR	Regulated 24 DC/FWR
Operating Voltage Range	8 - 17.5V	16 - 33V
Sync Modules	NA	Available
Operating Temperature Range	Indoor: 32°F to 120°F (0°C to 49°C) Outdoor: -40°F to 151°F (-40°C to 66°C)	

**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	87	87	87	99	100
	Mid	44	28	82	82	94	96
	Low	30	18	79	80	92	92
Electro-Mechanical	High	118	81	86	87	100	100
	Mid	43	26	82	84	96	97
	Low	27	16	79	80	93	93
Broadband	High	146	78	86	86	101	102
	Mid	41	26	81	82	96	98
	Low	28	16	77	79	94	95
Chime	High	27	21	70	70	86	86
	Mid	11	8	62	62	79	80
	Low	9	7	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	87	82	82	100	100
	Mid	46	30	77	79	95	96
	Low	30	18	74	75	92	92
Electro-Mechanical	High	114	80	83	82	100	101
	Mid	42	27	78	80	95	96
	Low	28	16	75	76	93	93
Broadband	High	151	80	82	82	101	102
	Mid	45	26	77	78	97	98
	Low	30	16	75	76	94	95
Chime	High	29	21	68	70	86	86
	Mid	10	9	61	61	79	79
	Low	9	8	55	55	75	76

**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	92	83	84	99	100
	Mid	47	31	79	81	95	96
	Low	36	19	76	77	92	92
Electro-Mechanical	High	114	86	83	83	100	100
	Mid	42	27	80	81	95	96
	Low	30	19	77	77	92	93
Broadband	High	153	77	83	84	101	102
	Mid	42	28	79	80	97	98
	Low	29	16	76	77	94	95



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