

## Class I, Div. I Explosion Proof Horn - Industrial Siren EPSN-HRN-PA

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



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### EPSN-HRN-PA Explosion Proof Industrial Horn/Siren

**Dimensions:** 14" W x 8" H x 18.5" L

**Weight:** 19.5 lbs

**Materials:** Cast Aluminum/Fiberglass

**Voltage:** 120-240VAC or 24VDC

**Amps:** 0.8A 50/60 Hz @ 24VDC, 0.2A 50/60 Hz @ 120VAC, 0.1A 50/60 Hz @ 240VAC

**Volume:** S7-110dba @ 10 feet

**Mounting:** Omni directional mounting bracket, 1/2" conduit access

**Operating Modes:** 8 User Selectable Field Tones

**Ambient Temperature Range:** -55° C to +85° C - -67° F to +185° F

### Approvals

UL Listed

Class I, Division 1, Groups C & D

Class I, Division 2, Groups A, B, C, & D

Class II, Division 2, Groups F & G

NEMA 4X

Marine Rated

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### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

### **Made in the USA**

The Larson Electronics EPSN-HRN-PA explosion proof horn is constructed with an aluminum housing and fiberglass horn for durability and long life. This explosion proof horn/siren is weather and dust proof and Class 1 Division 1 groups C and D rated. This is a powerful alert and signal horn that offers multiple tones, remote operation capability, and multiple voltage options.

The Larson Electronics EPSN-HRN-PA explosion proof horn provides operators in hazardous locations with an effective and powerful alert/signal system that can

withstand demanding conditions and be heard over the operation of industrial machinery. This unit includes 8 different tones which can reach peak output of 110dBA and can be remotely operated for priority alerts. The housing on this horn is constructed of heavy duty aluminum and the horn is formed fiberglass. The entire unit is finished in durable grey powder coat for resistance to corrosion, is weatherproof/dustproof, and NEMA4x and marine rated for wet environments. Wiring is through a 1/2" conduit access hub, and the unit can be ordered in 120-240VAC configuration for use with standard voltages or 24 VDC for low voltage use. Mounting is via an omni directional bracket which allows mounting to flat surfaces and vertical adjustment of the horn for secure placement and optimum sound direction.

[Click Photos to Enlarge](#)

**Tones: Selectable by switch on sound module**

- 1) Continuously running train of eight sounds in sequence
  - 2) Wail - conventional siren
  - 3) Yelp - rapid siren
  - 4) Two- tone
  - 5) Whoop - ascending low to high
  - 6) Yeow - descending high to low
  - 7) Horn - Steady
  - 8) Beep - slow intermittent horn
  - 9) Stutter - rapid intermittent horn
  - 0) Remote-Enables remote selection of:
    - 7 - Horn
    - 4 - Two tone - alternating
    - 3 - Yelp - rapid siren
    - 1 - Wail - manual siren
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## Frequently Asked Questions (FAQ)











**Options:**

**EPSN-HRN-PA-Voltage**

**Example: EPSN-HRN-PA-120V**

Voltage	
120V AC	-120V
240V AC	-240V
24VDC	-24VDC

Links (Click on the below items to view):

- [Certificate 1, Misc](#)
- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)