

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



#### **EPSN-HRN-PA-AT-MOD1 Explosion Proof Industrial Horn**

**Unit Type:** Explosion Proof Industrial Horn w/ Timer

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

**Weight:** 19.5 lbs

**Voltage:** 120-240V AC or 24V DC

**Amps:** 0.8A 50/60 Hz @ 24V DC, 0.2A 50/60 Hz @ 120V AC, 0.1A 50/60 Hz @ 240V AC

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

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

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

**Materials:** Cast Aluminum/Fiberglass

**Mount:** Omni-directional Mounting Bracket

**Hub:** 1/2" NPT

**Timer Configuration:** 1 Horn per Hour Between 6:30AM to 5:30PM

#### **Features/Ratings**

Class I, Div 1 Groups C,D

Class I, Div 2 Groups A,B,C,D

Class II, Div 2, Groups F,G

NEMA 4X

UL Listed

Marine Rated

#### **Special Orders- Requirements**

Contact us for special requirements

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#### **Made in the USA**

**The Larson Electronics EPSN-HRN-PA-AT-MOD1 Explosion Proof Horn provides a powerful, audible alarm system for Class I, Division 1 & 2 and Class II, Division 2 facilities. The unit offers multiple tones, a programmable timer and multiple voltage options. This explosion proof device is constructed of aluminum and fiberglass for durability in rugged environments.**

The EPSN-HRN-PA-AT-MOD1 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 a peak output of 110dBA and can be remotely operated for priority alerts. A programmable timer ensures accurate and automated operation of once per hour from 6:30AM to 5:30PM. Voltage options include 120-240V AC or 24V DC.

The housing on this horn is constructed of heavy duty aluminum and the horn is formed from fiberglass. The entire unit is finished in a durable grey powder coat for resistance to corrosion. This weatherproof/dustproof system is NEMA 4X and marine rated for wet environments.

[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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**Wiring/Mounting:** Mounting for the industrial horn is facilitated by a sturdy omni-directional mounting bracket. The bracket ensures secure mounting on flat surfaces and allows vertical adjustment of the horn for secure placement and optimum sound direction. Operators are provided access to one, 1/2" NPT hub for completing wiring connections.

**Applications:** Hazardous locations, alarm systems, automated alarms, paint spray booths, chemical processing, warehouses, packaging plants, petrol refineries and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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## Frequently Asked Questions (FAQ)

**Options:**

**-Voltage**

**Example: -120V**

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

Links (Click on the below items to view):

- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)