

24V LED Motion Alarm System w/ Horn - Class 1 LED Strobe, Motion Sensor - 110dBA Horn - Back Plate

Part #: SLEDB-CL1B-MS-PA-24V



The SLEDB-CL1B-MS-PA-24V from Larson Electronics is an LED Motion Alarm System w/ Horn for industrial use. This 24V DC unit features a Class 1 LED strobe light and audible horn that can produce eight different tones to sound levels up to 110 dBA @ 10 feet. A pre-drilled aluminum base facilitates wall, ceiling or surface mounting applications.

The SLEDB-CL1B-MS-PA-24V provides operators with an effective and powerful motion-activated alert/signal system. Equipped with a Class 1 LED strobe light and industrial horn, this warning system operates on 24V DC. The 14.4-watt LED strobe produces a brilliant flashing pattern that is visible even in poor conditions. Color choices include: white, green, blue, amber or red colors.

When the sensor detects movement, the strobe light is turned on. Once the motion has stopped, the strobe will stop strobing. There is a time delay between the motion stopping and the strobe light stopping which can be adjusted by the operator.

A polycarbonate lens protects the LED assembly and the housing is waterproof, shock resistant and built for reliable and durable operation. This compact, high powered LED beacon contains an LED lamp assembly that produces 360° of brilliant light without the dark spots or unevenness of traditional incandescent beacon lights. This beacon is equipped with auxiliary LEDs on top, helping to make this a Class 1 rated beacon and capable of producing a brilliant flashing pattern that is visible at extended distances.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Horn Features: The audible warning horn on the SLEDB-CL1B-MS-PA-24V includes 8 different tones which can reach peak output of 110dBA @ 10 feet 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. This work area horn/siren is NEMA 4X rated, weatherproof/dustproof and marine rated for wet environments.

Horn 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
- 10) Remote - Enables Remote Selection of:
 - 7 - Horn
 - 4 - Two-Tone - Alternating
 - 3 - Yelp - Rapid Siren
 - 1 - Wail - Manual Siren

Mounting: Mounting is provided by a heavy gauge aluminum back plate fabricated from copper free aluminum with six pre-drilled holes designed to be bolted to walls, ceilings and flat surfaces for permanent and secure attachment.

Applications: Signaling, safety systems, warehouses, industrial buildings, warning systems, motion detection 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 for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

SLEDB-CL1B-MS-PA-24V Industrial Motion Alarm System

Ratings

Listing: -	SAEJ1318, Class 1- Brightest Rating
Unit Type: Motion-activated LED Alarm System	Waterproof/Impact Resistant Strobe
Backplate Dimensions: 35" x 5.25" x 16.5"	Motion Sensor
Weight: -	NEMA 4X Horn
Voltage: 24V DC	
Total Watts (LED Strobe): 14.4W	
Lumens: 1440 lms	
Luminous Efficiency: 100 Lm/W	
LED Expected Lifespan: 50,000+ Hours	
Light Color Options: White, Green, Blue, Amber or Red	
Color Rendering Index: -	
Lamp Type: -	
Lamp Base: -	
Replacement Lamp: -	
Beam Angle: Full, 360°	
Lighting Configuration: Strobing Flash	
Joules: 16	
Horn Volume: S7-110 dbA @ 10 Feet	
Horn Operating Modes: 8 User Selectable Field Tones	
Amps: -	
Materials: Aluminum, Fiberglass, Polycarbonate	
Mounting: Pre-drilled Aluminum Back Plate	
Wiring: Direct Wiring to Power Source	

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180**Toll Free:** 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com**-Scroll Down to Purchase-**

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[Part #: SLEDB-CL1B-MS-PA-24V \(224602\)](#)

Options:

SLEDB-CL1B-MS-PA-24V- LIGHT COLOR

Example: SLEDB-CL1B-MS-PA-24V-AMB

LIGHT COLOR	
Amber	-AMB
Red	-RED
Blue	-BLU
Green	-GRN
White	-WHT

Links (Click on the below items to view):

- [Hi-Res Image 1 - LED Motion Alarm System w/ Horn](#)