Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

SLEDB-CL1B-MS-MT-AT-PA-12V

12V LED Motion Alarm System w/ Horn - Class I LED Strobe, Motion Sensor - 110dBA Horn - Back Plate - Adjustable Control Timer

Product ID: 272254

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



Image: SLEDB-CL1B-MS-MT-AT-PA-12V

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SLEDB-CL1B-MS-MT-AT-PA-12V Industrial Motion Alarm System

Listing: -
Unit Type: Motion-activated LED Alarm System
Backplate Dimensions: 35" x 5.25" x 16.5"
Weight: -
Voltage: 12 V DC
Total Watts (LED Strobe): 14.4
Lumens: 1440
Luminous Efficiency: 100 Lm/W
LED Expected Lifespan: 50,000+ Hours
Light Color Options: White, Green, Blue, Amber, or Red
CRI: -
Lamp Type: LED
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

Ratings

SAEJ1318, Class II- Brightest Rating
Waterproof/Impact Resistant Strobe
Motion Sensor
NEMA 4X Horn
User Settable Control Timer

Special Orders - Special Requirements

Contact us for special requirements
Toll Free:

Mounting: Pre-drilled Aluminum Back Plate
Wiring: Direct Wiring to Power Source

1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The SLEDB-CL1B-MS-MT-AT-PA-12V from Larson Electronics is an LED Motion Alarm System w/ Horn for industrial use. This unit features a Class I LED strobe light, a user settable control timer, and an 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-MT-AT-PA-12V provides operators with an effective and powerful motion-activated alert/signal system. Equipped with a Class II LED strobe light and industrial horn, this warning system operates on 12 V 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. 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.

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.

Control Timer: The control timer on the SLEDB-CL1B-MS-MT-AT-PA-12V allows users to choose when the motion sensor is active. This is useful to prevent the light and horn from being triggered during business hours. Users can set the timer to make the motion sensor active once business hours have ended.

When the motion sensor is active during the user specified hours, the light will flash and the horn will sound as long as motion is detected and for 5 minutes after the last motion was detected. This is designed to act as a theft and loitering deterrent to potential thieves, criminals, and other people who should not be in the area.

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-MT-AT-PA-12V 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: SLEDB-CL1B-MS-MT-AT-PA-12V

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: SLEDB-CL1B-MS-MT-AT-PA-12V

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: SLEDB-CL1B-MS-MT-AT-PA-12V

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

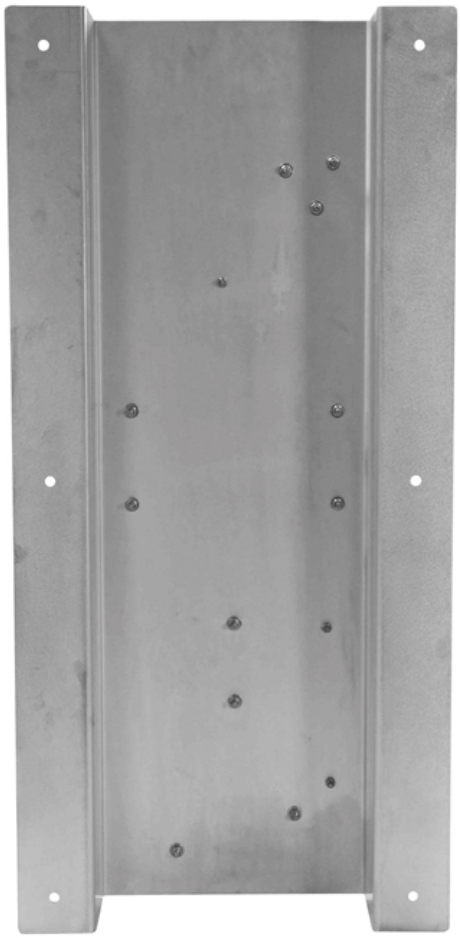


Image: SLEDB-CL1B-MS-MT-AT-PA-12V

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

SLEDB-CL1B-MS-MT-AT-PA-12V

Product ID: 272254

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

SLEDB-CL1B-MS-MT-AT-PA-12V-LED Color
Example: SLEDB-CL1B-MS-MT-AT-PA-12V-AMB

LED Color	
AMBER	-AMB
RED	-RED
BLUE	-BLU
GREEN	-GRN
WHITE	-WHT

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/272254.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/272254.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/272254.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/272254.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/272254.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/272254.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/272254.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)