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

Thank you for purchasing the Larson Electronics SLEDB-CL1B-MS-MT-AT-PA-12V LED Motion Alarm System with Horn. Follow the steps below for installing and maintaining the unit.

WARNING: Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

INSTALLATION PRECAUTIONS

- Do not install fixture in any classified location where the marked operating temperature exceeds the ignition temperature of the atmospheres.
- Consult fixture nameplate for the suitability ambient temperature shown on the nameplate.
- Refer to fixture nameplate for minimum supply wire temperature rating.
- Verify that the supply voltage agrees with fixture rating as indicated on nameplate.
- All local and national electrical/building codes must be followed when installing this fixture. For code interpretation, consult your local authority.
- Product must be intact and all cap threads fully engaged. Do not use if cracked or damaged.

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.

Installation

We strongly recommend that only a licensed electrician install this product.

WARNING: Make sure that the power is disconnected before installing. This fixture is heavy and must be mounted to a surface that can structurally support the load. Secure the unit firmly to the surface. Failing to comply can result in breakage, allowing the fixture to fall, which can cause serious injury or death.

It is strongly suggested to use two licensed electricians to proceed with the final mounting of the fixture to avoid any possible personnel injury or damage to the fixture. Depending on mounting height and scaffolding, a hydraulic man–lift or two good quality ladders should be used.

WARNING: *Check the fixture label to ensure correct input voltage and frequency!*

There are mounting holes on either side of the unit for surface mounting to a wall, ceiling or any flat surface. Mount the unit in any location except horn skyward.

Run cable and wire the unit according to the labeled wiring. Adjust the motion sensor prior to energizing if required. Be sure to follow all safety protocols and codes for the location.

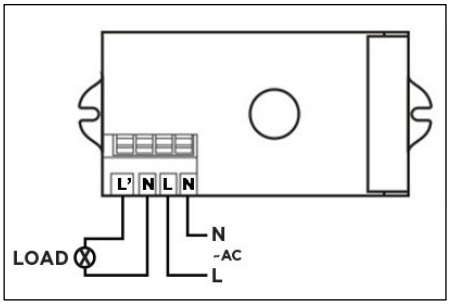
Use only voltage specified on product nameplate.

Motion Sensor Operation

Wiring the Unit

Connect **N, L** with power ***Voltage varies on unit purchased.**

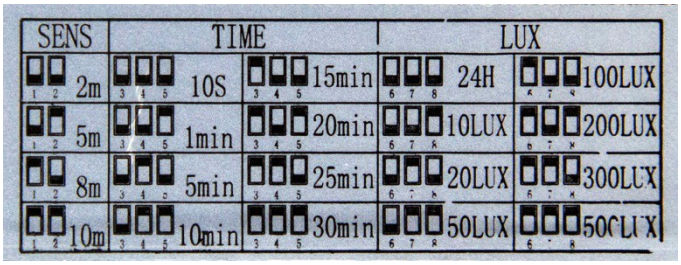
Connect **N, L'** with load





Dip Switches

The following settings can be adjusted with the dip switches on top of the unit. Be sure to power off the unit before making any changes in order for these settings to take effect.

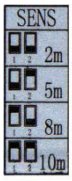


BLACK INDICATES DIP SWITCH

Sensitivity

Adjusts the sensitivity of the motion sensor.

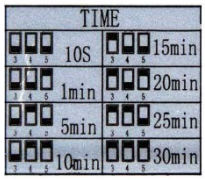
2 meters (6.5ft)
5 meters (16ft)
8 meters (26ft)
10 meters (33ft)



Time-Delay

Sets the on-time of the motion sensor.

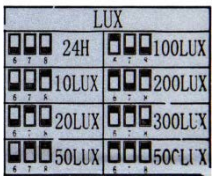
10 seconds	**15 minutes**
1 minute	**20 minutes**
5 minutes	**25 minutes**
10 minutes	**30 minutes**



Light Intensity Setting

Adjusts the output level.

24H	**100 LUX**
10 LUX	**200 LUX**
20 LUX	**300 LUX**
50 LUX	**500 LUX**



Primary Timer Operations

Reset:
Long press "R" until it reboots.

Unlock Timer:
Press the "CIR" four times, and the "a" will disappear in the screen. All of the keys are valid to press. If the keys aren't be pressed within 30 seconds, they will be automatically locked.

Set current time:
Press **"WEEK"** to select current day of week Press **"HOUR"** and **"MIN"** to select current Hour and Minute.

Program timer:
For an example, you want to tum on at 6:00(6AM) and tum off at 20:00(8PM)
1. Press **"P"** and **"I ON-:-"** will display
2. Then press **"WEEK"** to select day(s) of week
3. Press **"HOUR"** and **"MIN"** respectively to select Hour and Minute, **"I ON 6:00"** will display
4. Press **"P"** and **"I OFF--:--"** will display
5. Then press **"WEEK"** to select day(s) of week
6. Press **"HOUR"** and **"MIN"** respectively to select Hour and Minute, **"I OFF 20:00"** will display Note: **"MO TU WE TH FR SA SU"** for **"Monday Tuesday Wednesday Thursday Friday Saturday Sunday"**

***Repeat the steps above to set more programs.**
NOTE: ***Each "ON" requires "OFF". Be careful that programs do not overlap or conflict with each other, or timer will not perform as expected.***

Cancel/Recover functions:
Press **"CIR"** to cancel or recover the setting. Attention: When the time is **"- - : - - "**, it means that the setting is being cancelled. When it is **"00: 00"**, it means 12AM.

Manual override:
Select mode, **"Auto"** or **"ON"** or **"OFF"**.
"Auto" for timer functions.

Quick Setup:
Step 1: Reset timer
Step 2: Unlock timer
Step 3: Set current time
Step 4: Press**"®"** to select ON/OFF program setting
Step 5: Press **"WEEK","HOUR","MIN"** to set on-off time
Step 6: Press **"CLOCK"** to
exit programming mode
Step 7: Press **"MANUAL"** and select **"AUTO"**

Button	Function
Ⓟ	Program
WEEK	Days Of the week
HOUR	Hour
MIN	Minute
CLOCK	Clock
R	Reset
C/R	Cancel/Recover
	Unlock

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The SLEDB-CL1B-MS-MT-AT-PA-12V is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.