Manuals+ — User Manuals Simplified.

SECO-LARM®
SL-1301-SAQ-A
LED-Strobe-Lights

Seco Larm SL-1301-SAQ-A LED Strobe Lights Instruction Manual

Contents

SECO-LARM®

Seco Larm SL-1301-SAQ-A LED Strobe Lights

Specifications:

- Model Vertical LED strips Total number of LEDs
- SL-1301-EAQ 0 6
- SL-1301-BAQ 5 32
- SL-1301-SAQ 10 54
- **Operating voltage:** 9~15 VDC, 9~24 VAC/VDC
- **Operating life**: Over 50,000 hours (over 5.7 years)
- **IP rating (when installed properly):** IP64, IP66, IP55
- **Dimensions:** Top View – 315/16 (100mm), Front View – 31/8 (79mm), Bottom View – 21/8 (54mm), Side View – 213/16 (71mm)

Product Usage Instructions

Overview:

Ground wire (black), Power wire (red), Circuit board LEDs, LED strips, BAT., ON OFF ON / OFF, 9-Volt battery clip (under circuit board), SP ON / OFF, Backup battery jumper (default off), Siren jumper (default off), Strobe speed control.

Installation:

1. Before starting, please read this manual carefully and keep it for future reference.

2. Remove the lens and mount the LED strobe light.

FAQ

- **Q: What is the operating voltage of the LED strobe lights?**
  - **A:** The operating voltage is 9~15 VDC and 9~24 VAC/VDC.
- **Q: What is the IP rating of the LED strobe lights?**
  - **A:** The IP rating varies based on the model: IP64, IP66, or IP55 when installed properly.
- **Q: Can the LED strobe lights be used continuously with a backup battery?**
  - **A:** Yes, the BAQ and SAQ series have a backup battery function available for continuous lighting applications.

Color / LEDs	6 LED	32 LED	54 LED
Red	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R*
Blue	SL-1301-EAQ/B	SL-1301-BAQ/B	SL-1301-SAQ/B*
Amber	SL-1301-EAQ/A	SL-1301-BAQ/A	SL-1301-SAQ/A*
Clear	SL-1301-EAQ/C	SL-1301-BAQ/C	SL-1301-SAQ/C*
Green	SL-1301-EAQ/G	SL-1301-BAQ/G	SL-1301-SAQ/G*

All Models:

- Utilizes high-intensity LEDs
- Operating life of over 50,000 hours (over 5.7 years)
- Same size as the SL-126Q strobe light
- Simple 2-wire installation
- 5 lens colors available for each model
- Weather resistant
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Visible in all directions

BAQ series includes all features of the EAQ plus:

- 5 Vertical LED strips (32 LEDs total) increase visibility from various directions
- 8 Different flashing patterns and adjustable duty cycle
- Adjustable flashing speed
- Backup battery available for continuous lighting applications

SAQ series includes all features of the BAQ plus:

- 10 Vertical LED strips (54 LEDs total)
- Built-in 100dB siren (programmable)

ENFORCER LED Strobe Lights

Introduction:

ENFORCER LED Strobe Lights provide all the functions of a regular strobe light and much more. Each has an operating life of 50,000 hours—over 160 times that of a regular strobe light. No more bulbs to replace! There are three models—with 6~54 LEDs. The BAQ series and SAQ series include a unique placement of LEDs making the light more visible from various directions, a 9V backup battery option making them ideal for continuous lighting applications, and 8 selectable strobe patterns, adjustable duty cycle, and adjustable strobe speed. The SAQ series also includes a built-in 100db siren.

Parts List

- 1x LED Strobe Light
- 1x Adhesive gasket*
- 2x Mounting Screw with "O" rings
- 1x Manual

SL-1301-EAQ only

Specifications

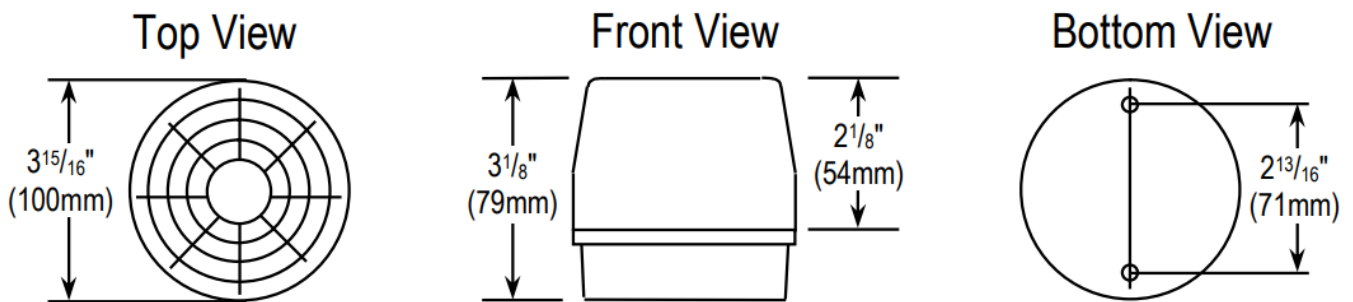| Model	SL-1301-EAQ	SL-1301-BAQ	SL-1301-SAQ
Vertical LED strips	0	5	10
Total number of LEDs	6	32	54
Operating voltage	9~15 VDC	9~24 VAC/VDC	
Current drain @1 2VDC (max) — Rotate clockwise	N/A*	70mA	90mA†
Current drain @1 2VDC (max) — Strobe	150mA	350mA	550mA†
Current drain @1 2VDC (max) — Steady ON	N/A*	350mA	550mA†
Current drain @1 2VDC (max) — Flash with progressive ON	N/A*	350mA	550mA†
Current drain @1 2VDC (max) — Rotate back and forth	N/A*	70mA	90mA†
Current drain @1 2VDC (max) — Flash with progressive ON/OFF	N/A*	350mA	550mA†
Adjustable flash pattern	No*	Yes	
# of flash patterns	1*	8	
Adjustable flashing speed — Maximum setting	Fixed 120 times/min	260 times/min	
Adjustable flashing speed — Minimum setting	Fixed 120 times/min	80 times/min	
Operating life	Over 50,000 hours (over 5.7 years)		
Backup battery function‡	No	Yes	
Backup battery life† — Steady ON	N/A	Up to 1 hours§	Up to 45min§
Backup battery life† — Strobe/Flashing	N/A	Up to 3 hours§	Up to 1.5 hours§
Operating temperature	-4°~144° F (-20°~65° C)		
Electrical protection	Reverse polarity protected		
Built-in siren	No		Yes (100dB)
IP rating (when installed properly)	IP64	IP66	IP55
Base	High-impact resistant black ABS		
Lens	High-impact heat-resistant acrylic		
Dimensions	ø315/16″x31/8″ (ø100x79mm)		

SL-1301-EAQ series has strobe only
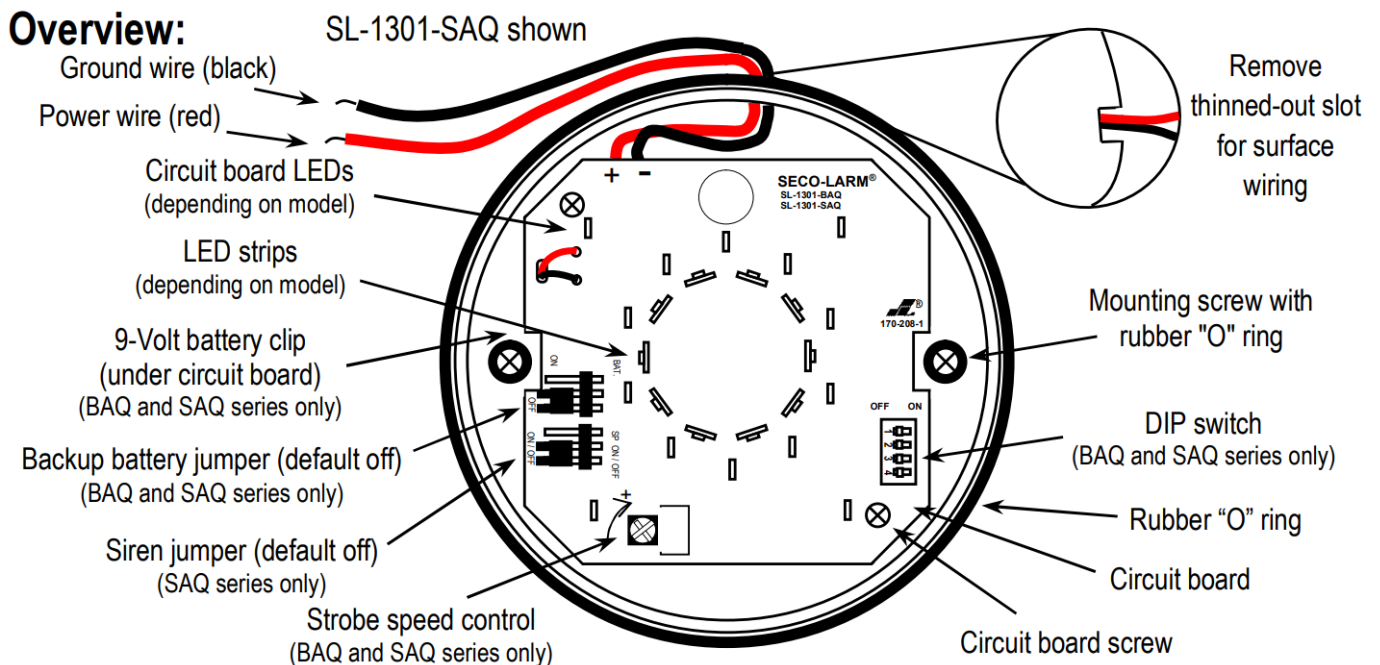
With siren enabled

9VDC battery not included

estimated, depending on mode

Dimensions

Top View
$3^{15}/_{16}$"
(100mm)

Front View
$3^{1}/_{8}$"
(79mm)

$2^{1}/_{8}$"
(54mm)

Bottom View
$2^{13}/_{16}$"
(71mm)

Overview

Overview: SL-1301-SAQ shown

Ground wire (black)
Power wire (red)
Circuit board LEDs
(depending on model)
LED strips
(depending on model)
9-Volt battery clip
(under circuit board)
(BAQ and SAQ series only)
Backup battery jumper (default off)
(BAQ and SAQ series only)
Siren jumper (default off)
(SAQ series only)
Strobe speed control
(BAQ and SAQ series only)

+   −

SECO-LARM®
SL-1301-BAQ
SL-1301-SAQ

170-208-1

OFF   ON

Remove
thinned-out slot
for surface
wiring

Mounting screw with
rubber "O" ring

DIP switch
(BAQ and SAQ series only)

Rubber "O" ring

Circuit board

Circuit board screw

Installation

1. Before starting, please read this manual carefully and keep it for future reference.
2. Be sure to use the LED strobe light within the given electrical limits.
3. Decide where the LED strobe light is to be mounted. Use a pencil to mark the location of the two mounting screws.
4. Drill a hole through the wall or surface where the LED strobe light is to be mounted. Run the ground (black) and power (red) wires through the wall.
   Note: For surface wiring applications, remove the thinned-out slot with a pair of pliers.
5. Connect the wires to their respective locations on an alarm control panel or other security panel.
6. Remove the lens and mount the LED strobe light (with adhesive gasket for SL-1301-EAQ) to the surface using the two included mounting screws with rubber "O" rings. If screws are fastened too tightly, the "O" rings will be damaged. (SL-1301-EAQ series skip to step 10)
7. Select the flash pattern and flash duty cycle using the DIP Switch (see back page for details) and adjust the

speed using the strobe speed control (clockwise to increase, counterclockwise to decrease).

8. Set the siren (SL-1301-SAQ only) to on or off using the siren jumper.

9. If needed, install a backup battery. (See below.)

10. Replace lens. If lens is fastened too tightly, the "O" ring will be damaged.

Backup Battery (SL-1301 BAQ/SL-1301-SAQ series only)

For continuous lighting applications, the backup battery will power the LED strobe light in the event of a power loss.

1. Use a screwdriver to loosen the circuit board screws.

2. Carefully remove and flip the circuit board. The battery holder is attached at the back side of the circuit board.

3. Connect a 9-Volt battery to the battery connector.

4. Replace circuit board and circuit board screws.

5. Turn the backup battery on via the backup battery jumper.
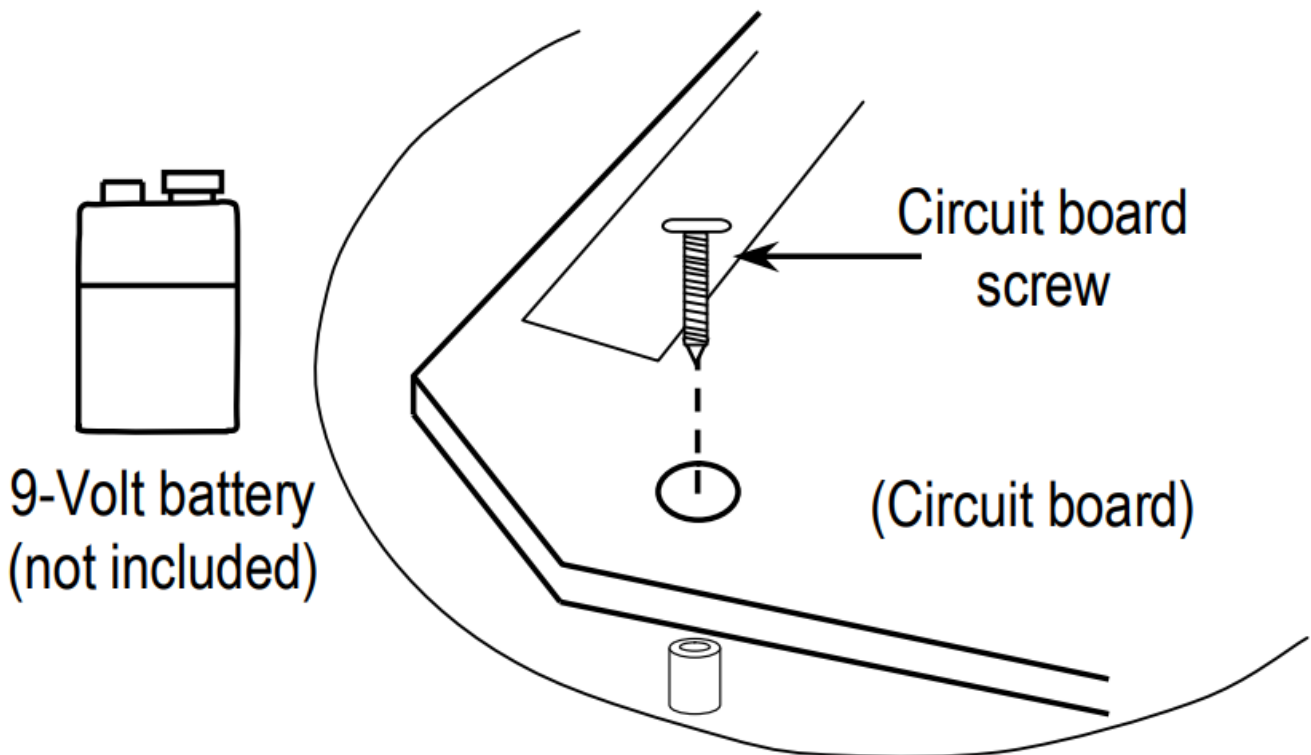
Troubleshooting

The LED strobe light does not turn on

- Check the LED strobe light's power source

The LED strobe light does not flash correctly

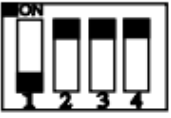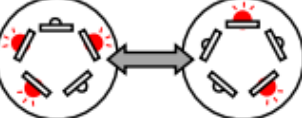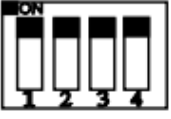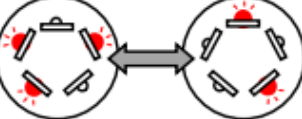- Disconnect power, configure the correct flash pattern, and reconnect power
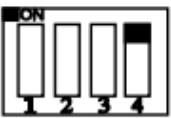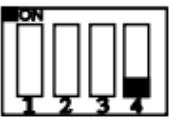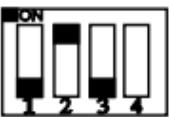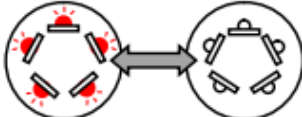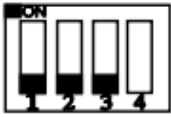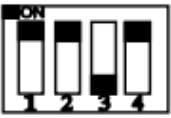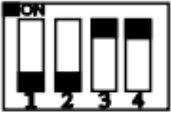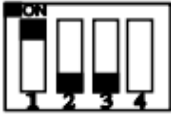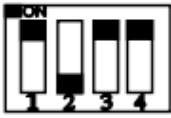
WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to

the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if the damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

Configuring Flash Pattern and Duty Cycle (SL-1301-BAQ/SL-1301-SAQ series only):

IMPORTANT: Before changing the DIP switch, disconnect the power. Reconnect power after switches are set.
Users may customize both flash patterns and duty cycle (flash patterns 1, 2, and 5 only). The "One-Eighth Duty Cycle" produces a sharper "strobe" effect more like traditional strobe lights. DIP Switch #4 controls the duty cycle for supported flash patterns. Visit **www.seco-larm.com** for a demonstration of flash patterns/duty cycle.

	DIP Switch Position	Description	Flash Pattern Top View (SL-1301-BAQ Shown)
A		**Regular Duty Cycle** LED on one-half / off one-half of each cycle (default) (DIP Switch #4 ON, only effective for flash patterns 1, 2, and 5)	
B		**One-Eighth Duty Cycle** LED on one-eighth / off seven-eighths of each cycle (DIP Switch #4 OFF, only effective for flash patterns 1, 2, and 5)	
1		**Strobe** LEDs flash on and off continuously. (default) (DIP Switch #4 controls the duty cycle)	
2		**Rotate Clockwise** Light rotates clockwise in a circular fashion continuously. (Beacon) (DIP Switch #4 controls the duty cycle)	
3		**Steady ON** All LEDs stay on. Ideal for continuous lighting applications.	
4		**Flash with Progressive ON** LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
5		**Rotate Back and Forth** LED groups light up one at a time clockwise then counterclockwise. (DIP Switch #4 controls the duty cycle)	
6		**Flash with Progressive ON/OFF** LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	
7		**Opposite Quarters Flashing Continuously** LEDs in opposite quarters flash alternately, repeating continuously.	
8		**Opposite Quarters Flashing with Pause** LEDs in opposite quarters flash alternately for 8 cycles, pause for 2 cycles, and then repeat the pattern.	

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SECO-LARM U.S.A., Inc

Documents / Resources

	[Seco Larm SL-1301-SAQ-A LED Strobe Lights](#) [pdf] Instruction Manual SL-1301-SAQ-A, SL-1301-BAQ-A, SL-1301-EAQ-A, SL-1301-SAQ-A LED Strobe Lights, SL-1301-SAQ-A, LED Strobe Lights, Strobe Lights, Lights

References

- 🌐 [La Armería de Madrid - fabricantes de armas y rifles](#)
- 🗺 [P65Warnings.ca.gov](#)
- [User Manual](#)