

DLQSMC-4 Quick Stick

MULTICOLORED WARNING STICK



 **WARNING!** This light utilizes high-intensity LED Lamps. **DO NOT** stare directly into the light while it is on, as momentary blindness and/or permanent eye damage may occur.

NOTICE
Due to continuous product improvements, we must reserve the right to change any specifications and information, contained in this manual at any time without notice. Star Headlight & Lantern Co., Inc. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Star Headlight & Lantern Co., Inc. shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this manual.

Before beginning the installation:

- Determine where you want to mount the warning stick (on your roof, in your rear window, on the back of the vehicle, etc.) and verify that there are no obstructions hindering the visibility of your light.
- Decide how you will be controlling the warning stick (using independent switches, a siren controller, etc.) and consider the path your wiring will take.



LED FIVE YEAR LIMITED WARRANTY

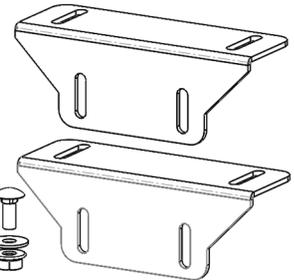
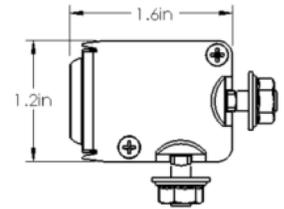
The manufacturer warrants this LED light against factory defects in material and workmanship for five years after the date of purchase. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, repair or replace *at its option*, products, or part(s), which its inspection determines to be defective. Repaired or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective item(s) in order to qualify for the warranty coverage. Exclusions from this warranty include, but are not limited to, domes, and/or the finish. This warranty shall not apply to any light, which has been altered, such that in the manufacturer's judgment, the performance or reliability has been affected, or if any damage has resulted from abnormal use or service.

There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. **The loss of use of the product, loss of time, inconvenience, commercial loss or consequential damages, including costs of any labor, are not covered.** The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured.

This warranty gives you specific legal rights. You might also have additional rights that may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

Mounting Instructions

1. There are two slots along the length of the lightstick that can be used to facilitate mounting. Depending upon your application, slide the two enclosed #10 carriage bolts into the appropriate slot (rear or bottom).
2. Slide them along the channel to the desired location and mark the locations for your mounting holes on the mounting surface.
3. Drill your holes and mount the light using the enclosed washers and nuts.



We also include two L-Brackets to facilitate mounting. These are optional and do not need to be used.

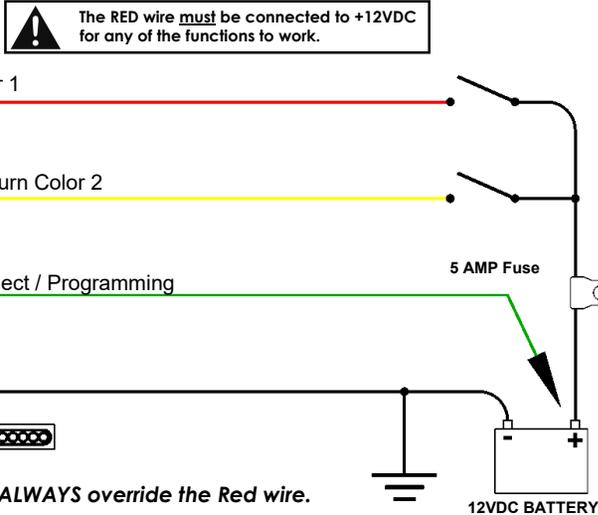
Please Note: These instructions are provided as a general guideline only. Specific mounting and/or wiring, may be necessary and are the sole responsibility of the installer. Star Headlight & Lantern Co., Inc. assumes no responsibility for the integrity of the installation for this or any of its products.

 **WARNING!** Because of the wide variety of mounting applications, Star Headlight & Lantern Co., Inc. assumes no responsibility for the secure mounting of this light. It is the responsibility of the installer and/or owner to ensure the lightbar is mounted securely. Check your light every time you use the vehicle to ensure that it is mounted securely.

Electrical Connections

This wiring diagram below applies to the default programming of this light. There are several additional features that, if used, will affect the wire functions shown below.

Use standard On/Off switches rated for 5 amps and make your connections according to the wiring diagram below.



Note: The Yellow wire will ALWAYS override the Red wire.

Programming

This light has been designed for maximum versatility and has several different options that can be programmed. The programming options are all accessed by activating one of the colors and holding the GREEN wire to POWER for the corresponding length of time.

# Flashes	Programming Option
0	Touch and release to scroll through Flash Patterns
1	Shortcut to Pattern 1
2	Color Options
3	Reset to Factory Default Settings
4	Simultaneous/Alternating
5	Cruise
6	Takedown

Flash Patterns	
1	Flicker
2	Fast Doubleflash
3	Tripleflash
4	Pseudo-Flicker
5	Pseudo Random
6	Quadflash
7	Quadflash w/Post-Pop
8	Singleflash
9	Doubleflash
10	Variable (Delta-Omega)
11	Post-Pop
12	Random

Flash Pattern Programming

Activate the Enable wire you want to program and touch and release the GREEN wire to POWER to scroll through the patterns listed to the right.

At any time you can hold the GREEN wire to POWER and release it after the light flashes once to shortcut to Pattern 1 (Flicker).

Note: Only patterns 3,6,7,8, and 9 are SAE Approved

(PROGRAMMING CONT'D)

Color Options

Each Enable wire has 4 different **Color Options**.

Activate the Enable wire you wish to reprogram and hold the GREEN wire to POWER, releasing it after the light flashes twice. The Color Option will advance to the next option in the chart to the right.

Color Options	
A	Flashing Color 1
B	Flashing Color 2
C	Flashing Color 1 and 2 on ALL Heads
D	Flashing Color 1 (heads 1 & 3), Flashing Color 2 (Heads 2 & 4)

Reset to Factor Defaults

To reset the light to its original factor default settings, activate either one of the Enable wires and hold the GREEN wire to POWER. Release it after the light flashes three times.

Simultaneous/Alternating

- In *Simultaneous Mode* the entire lightstick will flash on and off together.
- In *Alternating Mode* every other head flashes opposite one another.

To toggle this mode, activate the Enable wire you want to program and hold the GREEN wire to POWER and release it after the light flashes four times.

Cruise and Takedown Modes

- *Cruise Mode*: Low Power (Dim) Steady Burn Mode
- *Takedown Mode*: High Power (Bright) Steady Burn Mode

To activate either of these modes, activate the Enable wire you want to program and hold the GREEN wire to POWER and release it after the light flashes five times for *Cruise Mode* or six times for *Takedown Mode*.

To exit either Steady Burn Mode, activate the Enable wire and hold the GREEN wire to POWER until the light flashes once (it will be in Pattern 1).

Operation

Using your user supplied switches, supply +12VDC to the wires indicated in the wiring diagram on the previous page to activate the desired function.

- Please note that Enable 2 will always override Enable 1.

Service

If you have any questions concerning this or any other product, please contact our **Customer Service Department** at (585) 226-9787.

If a product must be returned for any reason, please contact our Customer Service Department to obtain a Returned Materials Authorization number (RMA #) before you ship the product back.

Please write the RMA # clearly on the package near the mailing label.



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