GEOSERIES
ARROW BOARD

G-2018

INSTRUCTION MANUAL

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SAFETY REGULATIONS & WARRANTY

Feniex™ V3.0

Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of Feniex Industries, Inc. Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- Please clean the mounting surface before installation of the unit when using tape, brackets, magnet, Velcro or suction cups.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit. Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

Warranty

Feniex Industries, Inc. warrants to the original purchaser that the product shall be free from defects in material & workmanship for 5 years from the date of purchase for all LED products. Feniex Industries warranties speakers, sirens, flashers, & controllers for 2 years.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the web site at www.Feniex.com. If the product needs to be returned for repair or replacement, call our customer support line to receive a return merchandise authorization number.

Operational times are from 10 a.m. to 5 p.m. central time, Monday through Friday. Please do not send in product without contacting support first for a RMA number.

Service After Expiration

Feniex Industries will still provide service for all products after expiration of the warranty. For any issues, call the customer support line. In some instances it may be necessary for the product to be shipped, freight prepaid and insured for loss or damage to Feniex headquarters.
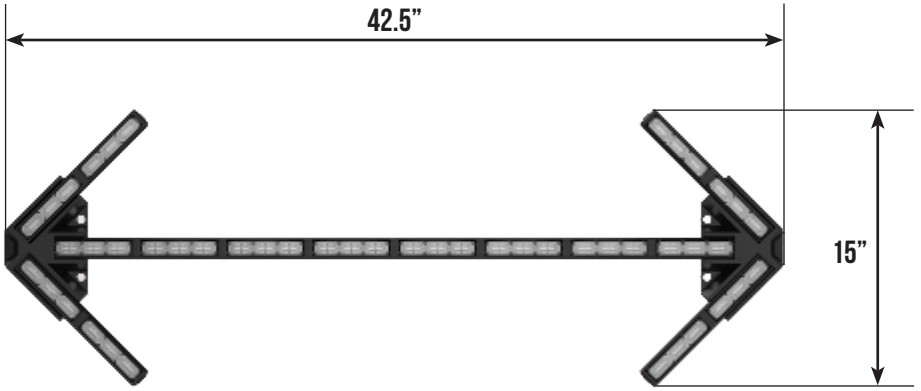
Warning! *Utilizing non-factory screws and mounting brackets may result in loss of warranty coverage.*

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EQUIPMENT DIMENSIONS

42.5"

15"

2.7"

WIRING DIAGRAM

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V3.0

Wire Color:	Single Color:	Dual Color:
■ Black	12V (-)	12V (-)
■ Red	12V (+)	12V (+)
☐ White	Takedown*	Takedown*/Flood
■ Yellow	Pattern Change 12V (+)	Pattern Change
■ Green	Takedown Flashing*	Mode Two
■ Blue	Left Arrow	Left Arrow
■ Brown	Mode One	Mode One
☐ Gray	Right Arrow	Right Arrow
■ Blue+Gray	Center Out	Center Out

Geo Series Lightstick Wiring Diragram

Wire Color:	
■ Black	12V (-)
■ Red	12V (+)

***Please Note!** These modes only function when the unit has takedowns in the assembly.*

WIRING INSTRUCTIONS

Feniex™ V3.0

Step 1: In order to power the unit, extend the red, 12V(+) wire to the 12V(+) post of the vehicle's battery. Extend the black 12V(-) wire to the ground post of the vehicle's battery.

Step 2: To turn the lightstick on, connect the brown wire to a 12V(+) source.

Step 3: Momentarily connect the yellow wire on a 12V(+) source to change flash patterns.

Step 4: For left arrow function, connect the blue wire to a 12V(+) post (switch). There are 8 different left arrow flash patterns. To select a pattern, engage the blue wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 5: For right arrow function, connect the gray wire to a 12V(+) post (switch). There are 8 different right arrow flash patterns. To select a pattern, engage the gray wire a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 6: In order to achieve a center out directional pattern, connect both the gray and blue wires to a 12V(+) post (switch). There are 8 different center out flash patterns. To select a pattern, engage the blue and gray wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

Step 7: For takedown steady functionality, connect the white wire to a 12V(+) post (switch).

Step 8: For takedown flashing, connect the green wire to a 12V+ (post). Please note that for dual color bars, the green wire will activate mode 2, unless otherwise programmed.

Important Note! Takedown steady overrides takedown flashing

Activate Takedown Flashing for Dual Color:

Step 1: Connect the black wire to the battery's 12V(-) ground.

Step 2: Select the wire that will be set as the takedown flashing mode wire, either the green or brown wire.

Step 3: Twist the selected mode (green or brown), red, white, and yellow wires together.

Step 4: Power the lightbar on by connecting the twisted wires to the battery's positive (+). Once activated, the takedown steady function will engage. To verify takedowns are flashing, disconnect Takedown Steady (white) wire from power.

Step 5: Repeat steps 1 through 3 to deactivate Takedown Flashing.

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FLASH PATTERNS

The flash patterns are listed in consecutive order of appearance. To select a certain flash

1.	Cluster
2.	Attack
3.	Night Ride
4.	Combo Slow-Fast
5.	Combo Slow
6.	Combo Fast
7.	Half Half Slow
8.	Half Half Fast
9.	One One Slow
10.	One One Fast
11.	Two Two Slow
12.	Two Two Fast
13.	All On Slow
14.	All On Fast
15.	In Out Slow
16.	In Out Fast
	+ Directional Patterns