

# FUSION-S

## FUSION-S DOUBLE SURFACE MOUNT FDSM-40-\*



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# SAFETY REGULATIONS & WARRANTY

## 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. warranties to the original purchaser that all our products shall be free from defects in material and workmanship. Feniex Industries' speakers, sirens, rocker panels, AM600 Beacons, Torch Lights, AI lightbars, AI Cubes, AM900 Work Lights, 8.5" Dome Lights, flashlights, Remote Spot Lights and controllers are warranted for 2 years from the manufacturing date. In addition, all other products are warranted for 5 years from the manufacturing date.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the web site at [www.Feniex.com](http://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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## ▲ SPECIFICATIONS

Dimensions	2.25" x 0.88" x 5.22"
Warranty	5 years
Voltage	10-18 Volts DC
Current Draw	2 Amps

## EQUIPMENT DIMENSIONS



## Fenix University

Watch our instructional videos at Fenix University to see an in-depth look at our product's features and functions.



Use the link below:

[fenixuniversity.com](http://fenixuniversity.com)

## ▲ WIRING DIAGRAM

Wire:	Function:
Red	12V+, Mode 1
Black	12V-, Ground
Yellow	12V+, Mode 2
White	12V+, Mode 3
Green	N/A
Blue	12V-, Sync/Pattern

### Syncing Flash Patterns

1. Connect the blue sync wire(s) of the Fusion-S product(s) you would like to sync.
2. Hold the blue sync wire to 12V-ground for 3 seconds. The flash pattern will reset to "single-slow".
3. Momentarily tap the blue wire to 12V- ground to cycle the flash patterns.

### Alternating Flash Patterns

1. Connect the blue sync wire(s) of the Fusion-S product(s) you would like to set as leader or follower.
2. Hold the blue sync wire to 12V-ground for 3 seconds. The light(s) will turn a steady blue for leader and red for follower.

### Setting Colors

1. Hold the green sync wire to 12V+ positive for 3 seconds. The light(s) will turn steady blue.
2. Momentarily tap the green wire to 12V+ positive to cycle the colors.

## ▲ PATTERNS

Order: Flash Pattern:

1	Single Slow
2	Single Fast
3	Single Combo
4	Dual Slow
5	Dual Fast
6	Dual Combo
7	Triple Slow
8	Triple Fast
9	Triple Combo
10	Attack 1
11	Attack 2
12	Break Pop
13	Tail 10%
14	Steady On 100%