NOVA® ELECTRONICS, INC.
36 Doctor Foote Road, Colchester CT
TEL: (860) 537-3471 • FAX: (860) 537-0656
www.strobe.com

MICRODASH PRE-EMPT

TRAFFIC SIGNAL PRE-EMPTION STROBE

Made in the United States of America

ELECTRICAL SPECIFICATIONS:

Input Power: 17.3 Watts.
Output Power: 15 Watts (High Priority)
10 Watts (Low Priority)
Input Voltage: 10 to 16 Vdc.
Current Drain: 1.35 Amps.

INSTALL MOUNTING BRACKETS:

The mounting location will determine the type of bracket used. A WINDOW BRACKET is provided for mounting directly to the windshield. A Standard bracket is included for mounting on dash or rear deck. The MICRODASH may also be mounted without a bracket by using the supplied velcro discs.

Install the bracket using the supplied hardware shown in photo.
NOTE: If you are using velcro to mount the MICRODASH you must install the screws and washers to hold the flashback shield in place.

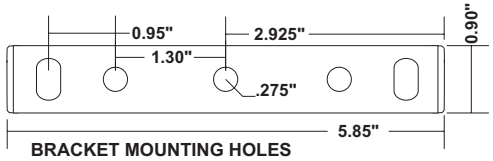
WINDOW MOUNTING:

Choose the mounting location on windshield. The WINDOW BRACKET can be bent to allow for various windshield angles.

Clean the surface of the windshield with alcohol to ensure a proper bond. Peel the red backing strip off of the adhesive tape which is pre-mounted to the bracket. Press firmly against windshield and hold for 5 seconds. The adhesive is 3M® VHB tape and provides an extremely strong bond to the windshield.

BRACKET MOUNTING:

The standard bracket can be used to mount the MICRODASH in a variety of locations.



VELCRO MOUNT:

Clean the surface of the MICRODASH and the mounting surface with alcohol before applying velcro discs.
Apply the velcro discs to the MICRODASH and the mounting surface.

TIP: For correct alignment, press the hook and loop velcro discs together and adhere to the MICRODASH first. Then put the MICRODASH into the mounting position and press down against surface.

ELECTRIAL CONNECTION:

RED WIRE: Connect the **RED** wire to an On/Off switch that is connected to +12 Volts.

This unit is internally fused with a self-resetting fuse. If the fuse is tripped it will reset within 2 minutes or less. You do not need to open the unit to change or reset the fuse.
The fuse will trip if the unit is reverse connected to the battery, and may also trip if the vehicle is jump-started when the light is running.

The use of a 5 Amp fuse located close to the +12V source is recommended to protect the wiring and the switch from short circuits.

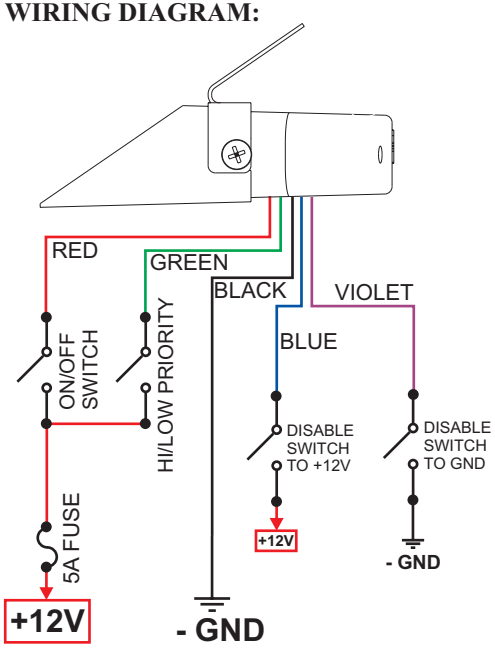
BLACK WIRE: Connect the BLACK wire to - GROUND.

BLUE WIRE: SHUTDOWN MODE when connected to +12V. Typically connected to brake or transmission switch to disable the unit when vehicle is not in motion.

VIOLET WIRE: This wire puts the unit into SHUTDOWN MODE when connected to GROUND. Typically connected to door switches, brake, etc.

GREEN WIRE: Connect to +12V for LOW PRIORITY PRE-EMPT, leave unconnected or connect to GROUND for HIGH PRIORITY PRE-EMPT.

WIRING DIAGRAM:



FLASHTUBE REPLACEMENT:

REPLACEMENT TUBE PART #: LMTUBE
Remove the two screws which hold the lens to the body of the strobe head. Remove the lens and pull out the flashtube/reflector assembly. Disconnect the flashtube/reflector from the two connectors on the cable and plug in the new one. Re-assembly is the reverse of the above.

DIMENSIONS: