SoundOff Signal

ECONOMY LED DIRECTIONAL BAR
ETTMLEC08

INTRODUCTION

The enclosed light bar is a high intensity traffic Directing Warning Bar that is compact enough to be mounted almost anywhere. The light bar offers 8 high intensity sealed LED warning modules while consuming less than 3 amps.

      The light bar comes complete with two directional patterns: "Solid Arrow-Right" and "Solid Arrow-Left" plus a "Center Out" warning pattern.

SPECIFICATIONS

Input Voltage	11-16 Vdc
Polarity	Negative ground only
Operating Temperatures	-30°C to +65°C
(+) Battery Fuse	5 Ampere ATO type
Output Drive Capability (total)	8 LED Modules
Dimensions:	Height: 2.625"
	Length: 42"
	Depth: 3.3"
Cable Length:	15 ft.

WARNING

These lights are intended to be operated by authorized personnel and used as "SECONDARY" warning only. It is the user's responsibility to understand and obey all laws reguarding emergency warning devices.

Installation and Mounting
WARNING

• **Do Not** use insulation displacement connectors (e.g. 3M ScotchLock type connectors).
• Use ATO blade type fuses **ONLY**!
• Place fuse as **CLOSE** to power take off point as possible.

      NOTE: Before mounting bar, consideration should be given to cable length, routing, and control switch placement.

INSTALLATION AND MOUNTING

1.   Select and assemble the adjustable "L" Bracket that fits your specific need. (See figure 1)
      Standard Bracket - recommended for rear deck and light bar mounting.
      Heavy Duty Bracket - for use when light bar will be subjected to high winds, vibration and/or severe stress.
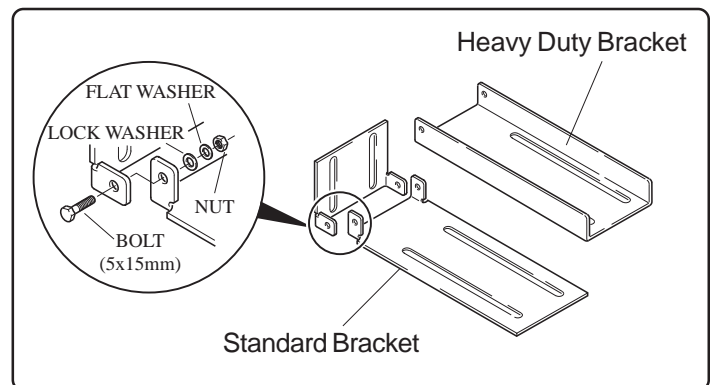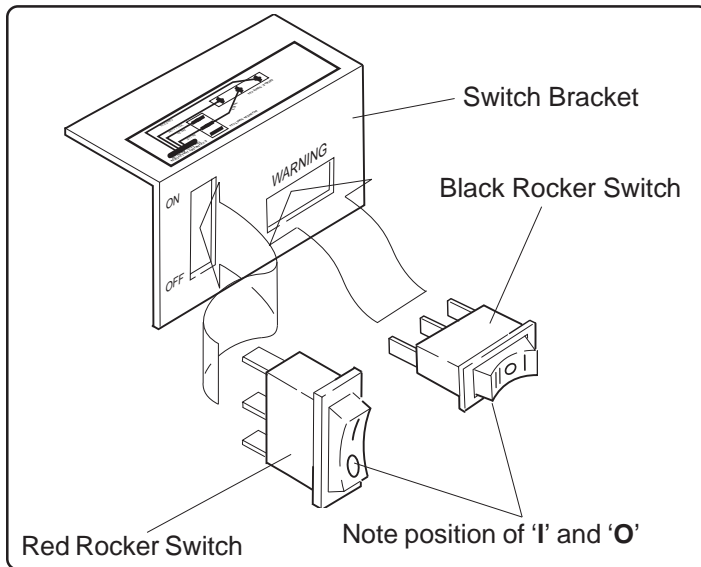

Figure 1. "L" Bracket Assembly

2.   Connect "L" Bracket to back of light bar using the 5mm nuts and bolts provided. Adjust "L" Bracket for proper height, position, and angle and secure by tightening all nuts and bolts.

3.   Mount the light bar to desired location, with user supplied nuts and bolts.

CAUTION: Drilling holes can damage unseen parts. Make sure all areas around drill hole are clear.

4. Route power / control cables to area you want to mount control switches. Looms, grommets and/or cable ties should be used to anchor and protect all wiring.

5. Assemble the control switches (Black and Red Rocker Switches) in the switch bracket as shown in figure 2, below, noting exact positions of switch markings ('**I**' and '**O**').

Figure 2. Switch Assembly

6. Connect control cable to switches in switch bracket. (See figure 3)
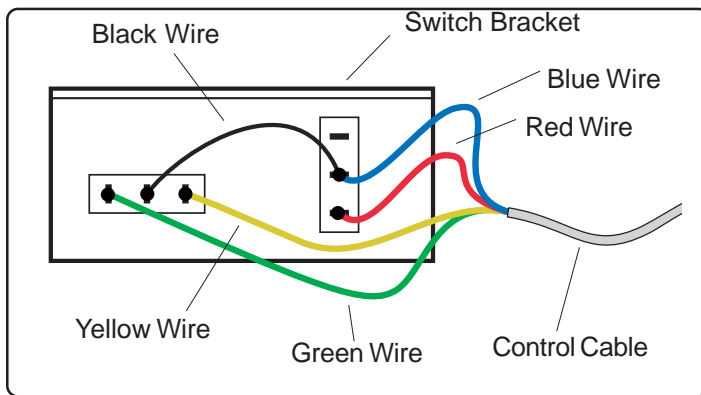
Figure 3. Wire Connections

7. Mount control switch using user supplied screws.
8. Route **Black** wire to a good ground. Cut to length and secure, using user supplied hardware.
9. Route the **Red** wire to a +11-16Vdc power source. Install a user supplied 5 amp ATO type fuse to one end of **Red** wire. Connect the other end of the fuse to power source.
   NOTE: Locate fuse as close to power source as possible.

OPERATION

1. Turn power swith "**ON**"
   a) The directional / hazard pattern will operate as selected by hazard switch.
2. Hazard Switch
   a) Right position - The light bar will display a Sequence Right" pattern.
   b) Left position - The light bar will display a "Sequence Left" pattern.

c) Center position - The light bar will display a "Center Out" warning pattern (four middle lights alternate against the two outside lights on both ends).

MAINTENANCE

Clean plastic lens using a mild soap and soft cloth only. The use of strong detergents, solvents, or petroleum products may damage the lens.
Fine scratches can be removed with a non-abrasive, high quality, automotive paste cleaner / wax and a soft cloth.

LED MODULE REPLACEMENT

1. Remove the two mounting screws and carefully pull the module straight out (See figure 4).

2. Remove wires from back of module noting wire location.

3. Install new module and tighten screws. Do not over-tighten.
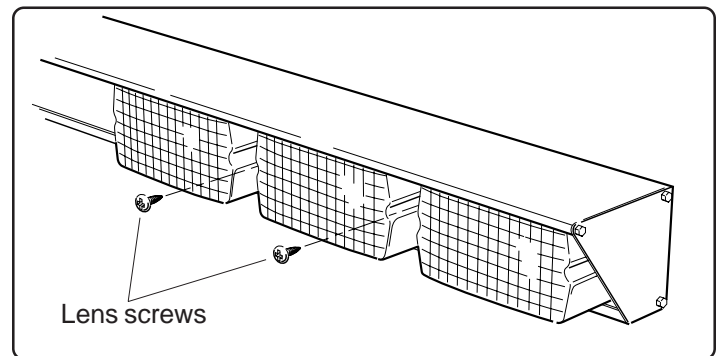
Figure 4. Module Replacement

⚠ WARNING

This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into light beam at close range.