

Marv Full Size LED Light Bars



Operation Manual

1. Summary

The Stealth Slim-line Light Bar is the brightest, highest-performing we offer. The Stealth design simplifies the overly complicated light bar market and features super bright LEDs Available in TIR or Linear LED Clear-coated polycarbonate anti-cracking, anti-yellowing lens moisture-proof with high-grade aluminum chassis .

2. Wiring Diagram

Wire color	Function
■ Red (Thick)*	Positive
■ Black	Negative
■ Purple	Full 360° Warning Lights
■ Light Green	All Flashing
■ Light Blue	Rear Facing Lights
■ Blue	Forward Facing Lights
■ Yellow	Flash Patterns
■ Orange/green	Cruise Lights (4 corners)

* Indicates a main power cable.

Wire color	Function
■ Amber	Right Arrow
■ Brown	Centre out Arrow
■ Purple	Full 360° Warning Lights
■ Grey	Left Arrow
■ Grey/White	Alley
□ White	Take Down
■ Red (Thin)*	Control Box in Positive
■ Black(Thin)	Control Box in Negative

NOTE: All cables except Negative contact +12 VDC.

AUX Wiring Diagram

Wire Color	Function
■ Red (Thick)*	AUX positive
■ Black	AUX negative

3. Products Description

- 3.1.18 inches-55 inches length
- 3.2. Voltage: 12V or 10-30V
- 3.3.10ft cable from light bar to controller box and 10”of power cable from connector and 10” of auxiliary cable from connector
- 3.4.Colored LED Modules with BLACK aluminum top (DOME)for choose Red/Blue/Amber/White/Green
- 3.5.New 20% brighter LED modules with 4 TIR or 6 TIR or Linear 3W LED
- 3.6..Ultra slim profile with clear lens for a stealth look
- 3.7. 31 flash patterns and non-volatile memory recalls the last pattern
- 3.8. Independently controlled alley lights, Taken down lights and traffic advisor .
- 3.9. Fully encapsulated, Fully weatherproof and easy installation
- 3.10.Includes universal Gutter Brackets and LED flash pattern indicator of Handheld Switchbox
- 3.11 Measurement(inches): 48"X11.4"X3.4" (with feet)

4. Installation of the warning light bar

- a) Put light bar on the vehicle’s roof, base on the vehicle’s size, adjusting the frame to fit it, And Then let the catches button the rainwater line on both side of the vehicle and screwing the nut by wrench. (see. Figure 1 below)

- b) After installed, firstly, the red and black wires should be connected with auto's storage battery (red to +, black to -), secondly firm plug the controller to the light.
- c) After checking, then turn on the power of controller to work the light bar.

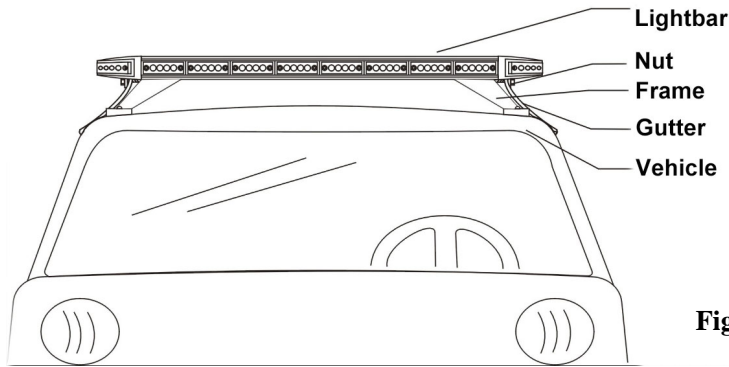


Figure 1. INSTALLATION OF THE LIGHT BAR

5. Handheld Switch Box



Figure 2. HANDHELD SWITCH BOX

- 5.1. The Handheld Switch Box is just applicable for all of our full LED light bar which can realize many complicated functions and is very convenient for users .
- 5.2. **360° Button** : Toggle to power warning functions of the entire Light Bar ON and OFF .
- 5.3. **FRONT Button** : Toggle to power warning functions of the forward facing Light Bar ON and OFF .
- 5.4. **BACK Button** : Toggle to power warning functions of the rear facing Light Bar ON and OFF .
- 5.5. **PATTERN Button**: Cycles to the next flash pattern with each press and non-volatile memory recalls the last pattern selected .
- 5.6. **TAKEDOWN Button**: Make the front middle 2 LED modules be steady burn .
- 5.7. **ALLEY Button**: Make the both alley be steady burn .
- 5.8. **← Button**: Control the arrow stick lights flash towards left.
- 5.9. **→ Button**: Control the arrow stick lights flash towards right.
- 5.10. **↔ Button**: Control the arrow stick lights flash middle to both sides .
- 5.11. **ALL STEADY Button**: Operate All of LED modules be steady button .
- 5.12. **CRUISE button(45° 4 corners modules)** : Push the button to make 4 Corner lights be steady burn by 100% brightness .

◆ Tips Installation of the Switch Box

Push the Back Plate mount to the switch box then lock it and drill 4 holes to fix it with screws .

◆ Cable Harness

- Plug the cable harness into the port of the switch box .
- DO NOT cross connect wires or leave connectors ,cables, solder points exposed to heat , moisture, or debris .