

## LIMITED WARRANTY – EFFECTIVE NOVEMBER 11, 2002

Congratulations on your purchase of a quality 911EP product.

911EP, Inc. (the “Warrantor”) will replace parts, in case of defects in materials or workmanship, for five years subject to the following conditions and limitations:

- This warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear or cosmetic damage. This warranty does not cover damage that occurs in shipment, failures caused by products not supplied by the Warrantor, or failures that result from abuse, accidents, maladjustment of consumer controls, neglect, improper or inadequate maintenance, improper use of the product, corruption of the cigarette plug, amputation of the cigarette plug, unauthorized modification of the product, commercial use (such as rental use) of the product or damage that is attributable to acts of God or other events beyond the control of the Warrantor.
- The Warrantor will, for five years from the date product is shipped from the 911EP manufacturing facility, cover the cost of replacement for defective parts under this Warranty. This warranty does not cover chipping, scratching, fading or discoloration of lenses or paint. **Halogen lamps are not covered under this warranty.** The warranty does not cover labor charges for removal and re-installation of the product. This warranty will be voided by any unauthorized alteration made to your 911EP product, or by the installation or attachment of any accessory not designed by 911EP specifically for the product.
- The Warrantor shall not be liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. If a problem with this product develops within the warranty period, contact a Customer Service Representative at (800) 863-6911.

**Exclusion of Warranties:** This limited warranty is expressly in lieu of all other agreements and warranties, general or special, express or implied. The warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, and all other warranties, express or implied, are EXCLUDED from this transaction and shall not apply to the goods sold. The Warrantor reserves the right, in its sole and absolute discretion, to refund all or a portion of the purchase price rather than repair or replace any defective materials for workmanship.

The Warrantor shall not be liable for incidental or consequential damages. Some states and countries do not allow the exclusion or limitation of implied warranties, incidental or consequential damages, so the above limitations and exclusions may not apply to you.

This limited warranty does not cover any representation or warranty made by any person beyond the provisions of this warranty. No representative or person is authorized to assume liability on behalf of the Warrantor in connection with the sale or use of any product.



First in LEDs...The solid state warning light leader.™

## OPERATING INSTALLATION GUIDE LED STAR CONTROLLER



**NEVER INSTALL ANY ELECTRICAL  
DEVICE WITHOUT PROPER  
FUSE PROTECTION!**



**ALWAYS REMOVE POWER  
PRIOR TO ANY SERVICE  
OR REPAIR OPERATION**



**DO NOT BENCH TEST THIS  
PRODUCT USING AN AUTOMOBILE  
BATTERY CHARGER!**

### PRODUCT SPECIFICATIONS

Optimum Operating voltage: +13.8 VDC (working range 12 –15 volts D.C.)  
Operating Current: .4A  
Recommended fuse: 5 Amp

**ALWAYS FUSE  
THE POSITIVE  
(RED) WIRE!**

### REQUIREMENTS

Standard LED Star C.I.D. (Controller Interface Device) is designed to maintain synchronization between flash patterns of all LED Stars being utilized. The minimum operating requirements are a weather-protective mounting area away from heat sources, a properly fused +12VDC and ground.

### PATTERNS

The C.I.D. controls up to ten (10) LED Stars. Through two (2) input pins, three different flashing patterns are available. Applying continuous +12VDC to these two input pins in combination will activate.

Pattern “A” = (Pin #1) Alternating double pop “Wig Wag” pattern  
Pattern “B” = (Pin #2) Alternating “64” flash (for 5 seconds), then Rotator (for 5 seconds)  
Pattern “C” = (Pin #1 & #2) Continuous Alternating “64” flash

### MOUNTING

Mount controller in a dry area away from heat or possible impact. Fuse (+12VDC) and ground unit. Mount and test all LED Stars, routing wires to controller.

### WIRING

Connect black wire (-) and drain to desired output terminal.  
Connect red wire (+) to the 5A/+12VDC fuse buss source.

See Illustration A for wiring diagram of C.I.D. controller unit and LED Stars.

#### **NOTE:**

The LED Star cable will need to be trimmed to desired length (removing the 90° plug).  
And **both the black and drain** need to be attached to controller output screw terminal!

DISCLAIMER: 911EP reserves the right to make changes to this document and to the products it describes without notice. 911EP assumes no responsibility for editorial errors or omissions herein, nor does it make any commitment to update the information contained within.

(ILLUSTRATION A) \* WIRING DIAGRAM OF C.I.D. CONTROLLER UNIT AND LED STARS \*

