

## Pulse Width Modulator Controller – LED Light Dimmer Instruction Manual

Familiarize yourself with all procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

### WARNING:

**READ CAREFULLY BEFORE OPERATING. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

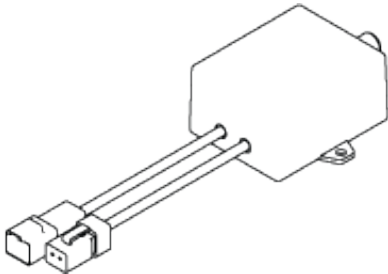
#### CRITICAL SAFETY INSTRUCTIONS:

- NEVER CARRY APPLIANCE BY CORD OR YANK IT TO DISCONNECT FROM RECEPTACLE. KEEP CORD FROM HEAT, OIL, AND SHARP EDGES.
- DO NOT EXCEED INPUT VOLTAGE, AMPERAGE OR WATTAGE LISTED IN SPECIFICATIONS BELOW.

### INSTALLATION

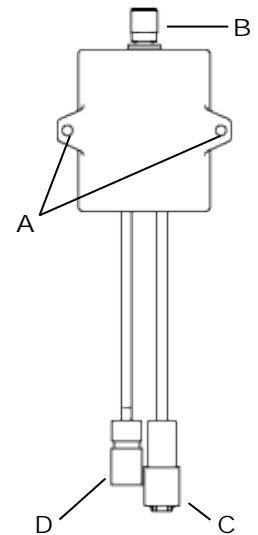
This PWM can be used handheld or it can be surface mounted. Mounting ears extend from the unit to enable operators to surface mount the unit. When using mounting ears, DO NOT over tighten! Damage may occur.

### OPERATION



This PWM is designed to work in-line with any of the Larson Electronics LED lights up to 72 watts that draw 12 amps or less. It also works on any input voltage ranging from 9-42 Volts. It produces 135Hz. It is equipped with male and female 2 pin Deutsch connectors so that it can be used in-line with any Larson Electronics harness and/or cord solution.

A dial extending from the side of the PWM enables operators to control the brightness of the attached LED light. Rotate until desired light output is achieved. Do not force the dimmer passed its stopping point as this could damage the dimmer.



A	Mounting Tabs
B	Dimmer Switch
C	2-Pin Deutsch Connector (Male)
D	2-Pin Deutsch Connector (Female)

**NOTE:** This dimmer switch will work with 12 volt lights ONLY and will not be effective on any of our 24 volt lights.

### DETACHABLE CORDS

- Cords attached via a weatherproof 2-pin Deutsch connector.
- The cords are detachable by depressing the tab on the top of the connectors. This enables the operator to leave the cord connected to the power source and remove to store the light.

Specifications	
<b>Voltage</b>	9-42V DC Max.
<b>Amperage</b>	12 Amps Max.
<b>Wattage</b>	72 Watts Max.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.