

## 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

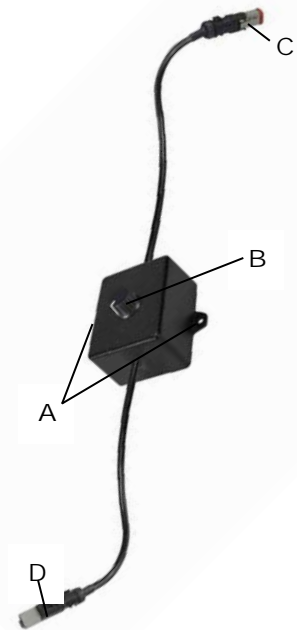
This PWM can be used handheld or it can be surface mounted. Mounting ears extend from the unit to enable operators to surface mount the unit. When using mounting ears, DO NOT over tighten! Damage may occur.

### OPERATION

This PWM is designed to dim any flexible LED strips with 0-100% dimming control. PWM controllers are CPU controlled, digital alternatives to resistance based rheostats. This 30A max PWM controller has a rotating knob that enables the operator to control the brightness of the LED light, making this PWM ideal for operators who have use for a "dimmer" switch. The PWM-30 dims light up to 360W on 12v or 720W on 24v..

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.

**NOTE:** This dimmer switch will work with 12 volt and 24 volt lights up to 30 amps.



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

### 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>	12/24V DC Max.
<b>Amperage</b>	30 Amps Max.
<b>Wattage</b>	Up to 360W 12V or 720W 24V

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT [SALES@LARSONELECTRONICS.COM](mailto:SALES@LARSONELECTRONICS.COM) OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

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