



LIGHTING PRODUCTS τ PANEL MANUFACTURING τ COCKPIT ACCESSORIES

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PN: LD115W-2H

Wiring Two Circuit Dimmer with Pre-wired Harness

Wiring the dimmer with the pre-wired harness will be simple and very quick. Also, the dimmer has been tested numerous times prior to being shipped.

POWER INPUT WIRES

There are two black/white wires. One wire is for the power input for circuit #1 and the second wire is the power input for circuit #2. This allows you to have one lighting circuit wired off a hot buss so you can turn on some lights prior to turning on the master switch. The dimmer can be installed in either a 14V or 28V system.

GROUND WIRE

One black wire is labeled GROUND. Connect this to a solid grounding buss. We discourage using the airframe as a ground, as a ground loop is possible causing noise and static in the intercom system.

VARIBLE POWER OUTPUT WIRES

The red wires are labeled for the various circuits. Connect these to the corresponding lighting circuits. The wire labeling also corresponds to labeling on the potentiometers.

WARNING: The power transistors on the heat sink are +voltage and could short if they come in contact with a ground! Use caution to insure heat sinks are mounted properly and that the transistors are shielded during installation!

Use a 2 amp circuit breaker for the power input for circuit #1. Also use a 2 amp breaker for the other power input that controls circuit #2. No single circuit should have more than a 2 amp current draw. Mount the heat sink in an open area to allow for air circulation.

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