



ASL 1000 & PRO 1000 Troubleshooting Guide

Phone: +1-252-353-4354 Press Option 2

Fax: +1 252-353-4353

Email: techsupport@lunasee.com

Please take the following troubleshooting steps to help isolate any problems with your system:

1. **Check Controller Power Light**. Check to make sure the Controller power light is coming on. If not, check your power connections to make sure power is getting to the Controller.
2. **Check Polarity**. Check to make sure all LEDpod wires are plugged into the Controller correctly – (white wire to positive and black wire to negative).
3. **Check Connections**. Check all wire connections at the Controller to make sure they are solid. Make sure the wire insulation is not interfering with wire connection. Check any wiring connections with the switch, fuse, etc. to make sure connections are solid.
4. **Check Wires for Damage**. Check your LEDpod wires from the LEDpod all the way to the Controller to make sure the wire has not been damaged anywhere. If your wire has been located next to any metal objects with an edge or any hot surfaces (exhaust/engine), it could wear down or melt the wire.

If your system is wired correctly, and you do not discover any problems in Steps 1-4 that resolve your problem, proceed to Steps 5 and 6 to check your LEDpods and Controller.

5. Troubleshooting LEDpods – Background

The Controller is designed to power each pair (Ports 1&2 and 3&4) in a series. This means LEDpods **MUST** be plugged into Ports 1 AND 2 (or similarly 3 AND 4) for **EITHER** of the LEDpods to work. This means:

- A single LEDpod plugged into either pair without plugging in the second in the pair **will NOT function**. Do not assume there is a problem with your LEDpod or Controller with only ONE LEDpod plugged in. **THEY MUST BE CONNECTED IN PAIRS.**
- ONE damaged/defective LED IN A PAIR will likely cause **BOTH** in the pair not to function. Do not assume that because 2 LEDpods are not working in a pair that **BOTH** are defective. It could be that only one of the LEDpods is damaged or defective.

6. Troubleshooting LEDpods - isolating a defective LEDpod in a pair

[Note: It is not necessary to remove your LEDpods or your Controller to perform these troubleshooting steps]

- a. First, find a pair of LEDs that are working by plugging one LED into Port 1 and one LED into Port 2. Turn on the system. If either or neither of these LEDs work, then replace ONE of the LEDs with another LED until you find a pair that work.
- b. Once you have a pair that work, then please note or mark those accordingly.
- c. Then replace the LED in Port 2 with one of the unmarked LEDs. If the pair works, then mark the LED in Port 2 accordingly. If the pair does not work, or LED in Port 2 does not work, then mark the LED in Port 2 as defective.
- d. Continue until you have identified which specific LEDs may be defective/damaged and which ones are OK.



7. Troubleshooting Controller

To test you Controller, please follow these steps:

- a. Identify a pair of LEDpods that work properly together (in either Ports 1&2 or in Ports 3&4).
- b. Move this pair to the other set of Ports (i.e. from 1/2 to 3/4 or from 3/4 to 1/2). If this pair of LEDs works fine in both Ports 1/2 and 3/4, then your Controller is working fine. If it does not work in the other set of Ports, then there could be a problem with your Controller.

If you are unable to complete Steps 6 and 7, or you are unable to isolate the problem through these Steps, please contact Lunasee Tech Support for further assistance.

If you do determine the defective or damaged component, please contact Tech Support.

PLEASE DO NOT RETURN ANY COMPONENTS WITHOUT A RETURN AUTHORIZATION NUMBER. WE WILL NOT ACCEPT UNAUTHORIZED RETURNS. A PROOF OF PURCHASE RECEIPT WILL BE NECESSARY FOR WARRANTY COVERAGE.

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Email: techsupport@lunasee.com

THE TECH SUPPORT TEAM