

Lamp Power Supply Cable Installation Instruction Sheet

This document provides information and procedures for connecting lamp power supply (LPS) extension cables to Christie CP2230, Christie CP4230, Christie D4K35 and Christie D4K3560 projectors.

Safety Precautions

DANGER

- Electrical shock hazard. Disconnect the projector and lamp power supply from AC power before performing any service.
- Electrical fire hazard. To avoid a fire hazard make sure that the high current DC leads between the lamp power supply and the projector are connected correctly.
- To prevent a fire hazard make sure that the DC leads are connected with the correct polarity and tightened to the specified torque setting.
- Failure to comply could result in death or serious injury.

CAUTION

- Only qualified service technicians are permitted to perform the installation.
- Only qualified service technicians are permitted to open any enclosure on the product.
- A qualified electrician must install cables longer than 3.05m. The installation must adhere to all applicable local building codes. All installations must be inspected to ensure compliance with the codes.
- To avoid bending the mounting brackets, do not over tighten the positive and negative leads.
- Failure to comply could result in minor or moderate injury.

Required Kits

One of:

- Cable kit 7.5m (127-103105-xx)
- Cable kit 15m (127-103116-xx)
- Cable kit 30m (127-103127-xx)

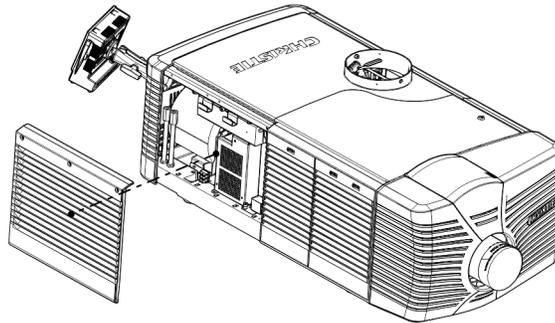
Kit Contents

- Positive ballast harness
- Negative ballast harness
- Serial communication cables

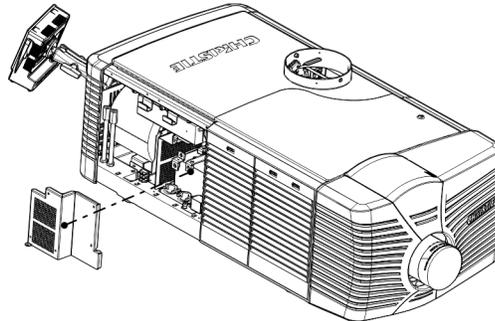
Connect the Cables

If you are installing a cable kit on lamp power supplies with part numbers 127-101103-01, 129-103105-01, or 129-003104-01, you must install the upgrade kit (003-003896-xx) first.

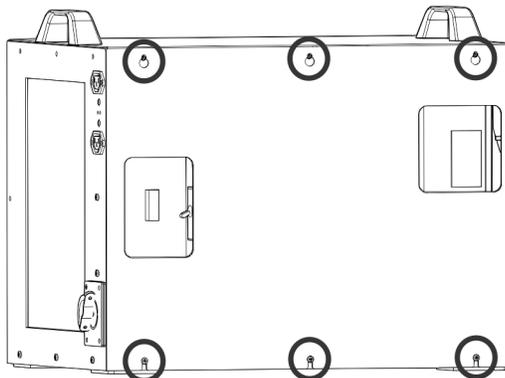
1. Turn the lamp off and cool the projector for a minimum of 15 minutes.
2. Turn the projector off and then disconnect it from AC power.
3. Disconnect the lamp power supply from AC power.
4. Loosen the three captive screws securing the low voltage power supply (LVPS) access cover. Lift the cover up and out and then set it aside.



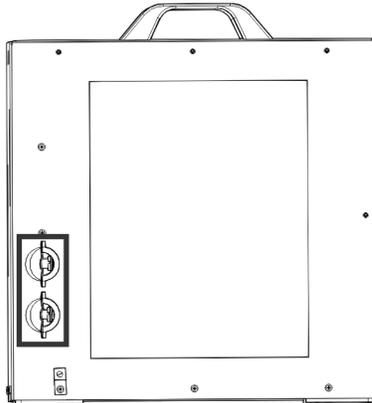
5. Remove the 4 safety cover screws and then remove and set aside the safety cover.



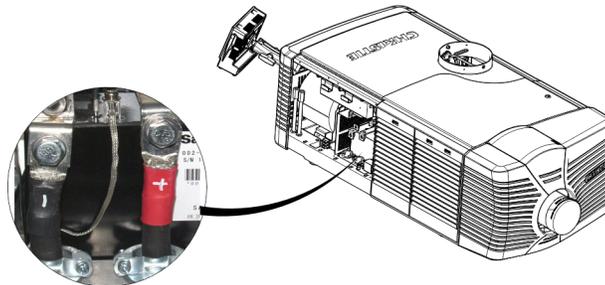
6. Loosen the 6 screws on the side panel of the LPS and then slide the panel to the left to remove it.



7. Route the cables through the strain reliefs in the LPS cover.



8. Connect the two lamp leads to the positive (+) and negative (-) terminals in the LPS using a torque setting of 14ft/lbs (20N/m).
9. Tighten the strain reliefs on the LPS.
10. Connect the serial communication cables to the LPS and then to serial ports on the bottom of the projector.
11. Route the positive and negative leads from the LPS through the two strain reliefs in the projector baseplate.
12. Connect the negative (-) black lamp lead to the negative (-) igniter terminal (left terminal). Connect the positive (+) red lamp lead to the positive (+) igniter terminal (right terminal).



13. Tighten the strain reliefs.
14. Replace the safety cover, LVPS access door, and LPS side panel.
15. Connect the projector and lamp power supply to AC power and turn them on.