
Technical Bulletin

Converting the Lamp Power Supply Voltage

This bulletin provides information on converting the voltage for the D4K, Roadie 4K, CP2230, and CP4230 lamp power supply (LPS).



Warning! Failure to comply with the following could result in death or serious injury.

SHOCK HAZARD! Disconnect the product from AC before servicing, cleaning, removing components, or opening any enclosure.

Affected products

- D4K2560
- D4K3560
- Roadie 4K35
- Roadie 4K45
- CP2230
- CP4230

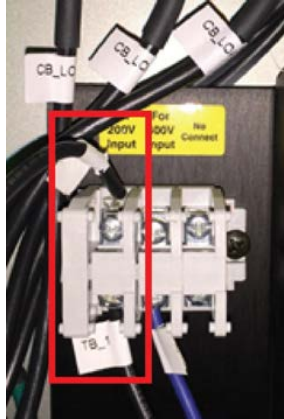
Required tools

- Phillips screwdriver

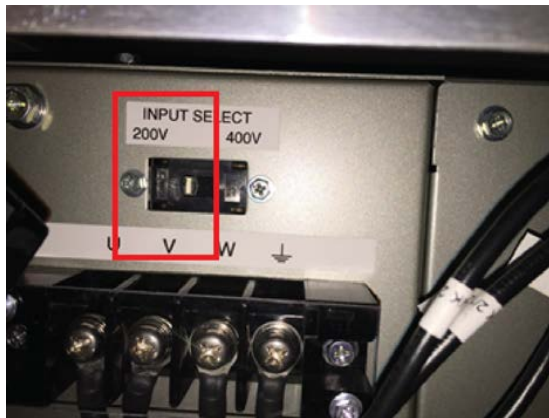
Configuring ballast settings for 200 VAC operation

1. Unplug the LPS from power.
2. Remove the front panel using a Phillips screwdriver.

3. Insert the convenience outlet harness (black) wire into the first position on the terminal block.



4. Tighten the screw to secure the harness in place.
Ensure the wire insulation is not crimped under the screw.
5. Slide the selector switch to the **200V** location.

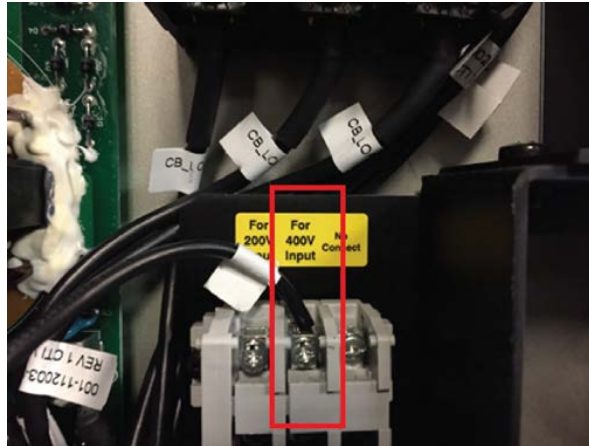


6. Re-attach the front panel.

Configuring ballast settings for 400 VAC operation

1. Unplug the LPS from power.
2. Remove the front panel using a Philips screwdriver.

3. Insert the convenience outlet harness (black) wire into the second position on the terminal block.



4. Tighten the screw to secure the harness in place.
Ensure the wire insulation is not crimped under the screw.
5. Slide the selector switch to the **400V** location.



6. Re-attach the front panel.

Technical support

North and South America: +1-800-221-8025 or tech-support@christiedigital.com

Europe, Middle East, and Africa: +44 (0) 1189 778111 or techsupport-emea@christiedigital.com

Asia Pacific: tech-asia@christiedigital.com

Technical Bulletin

Open female quick disconnect can cause coolant spillage

When disconnecting the liquid cooling system hoses, the inner locking ring of the female-side of the quick disconnect may become stuck in an open position (as illustrated below). Coolant may spill and enter the fold mirror or integrator assemblies, which can result in difficult cleanup operations.



Affected products

The following products are affected:

- Boxer 4K30
- D4K2560
- D4K3560
- Mirage 4K25
- Mirage 4K35
- Roadie 4K35
- Roadie 4K45
- D4K60LH
- Mirage 4KLH
- CP42LH

Safety precautions

To prevent personal injury and to protect the device from damage, read and follow these safety precautions.



Warning! Failure to comply with the following could result in death or serious injury.

- Use protective eye wear and gloves when cleaning and servicing the product. Follow workplace guidelines for using personal protective equipment when cleaning and servicing products.

Recommendations when performing a disconnect

When performing a disconnect, ensure you do the following:

1. Position yourself for appropriate visibility of the female disconnect end face.
2. Capture coolant that may spill from the female disconnect (side that the release ring slides toward).

To prevent coolant from entering the fold mirror and integrator assemblies, place additional absorptive cloths on top of these areas. Once the female-side is disconnected, point it upright to reduce the amount of coolant loss if the inner locking ring becomes stuck.

Moving the female disconnect to the closed position

If the female disconnect becomes stuck in the open position, complete these steps to close it.

1. Immediately re-insert the male disconnect to stop the coolant spill.
2. Wiggle the connection and attempt to disconnect again.
3. If the female disconnect still does not close properly, ensure the coolant has been fully captured and has stopped flowing.
4. Use a soft tipped tool, which can fit inside the connection to press down gently on the stuck ring until it releases and properly closes.



As the female ring releases and moves to its closed position under spring load, it can cause some coolant to be ejected.

Technical Support

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Technical Bulletin

LAD filter issue

This bulletin provides information about the replacement LAD filters provided in a three-pack (P/N: 03-001982-52P with individual filters marked as P/N: 011-103505-03).

Issue

Due to a sizing issue, the LAD filters do not have a proper seal, which could result in the filter catching unfiltered air or dust. Christie is aware of this issue and is working to release new filters.

Workaround

Until the new filters are released, follow these steps to ensure the filters properly fit the housing.

1. Add a strip of one of these gaskets to the filter as shown below.
 - Gasket foam EMI 1 mm x 5 mm x 24.70" (P/N: 39-001840-01P)
 - Gasket foam 1 mm x 5 mm x 9.5" (P/N: 39-001840-04P)



Affected products

This bulletin applies to the following projectors.

- CP2220
- CP2230
- CP4220
- CP4230
- CP42LH
- CP2000
- CP2000-X
- CP2000-XB

- CP2000-SB
- CP2000-ZX
- E3LH
- All Roadie projectors
- All D4K projectors

Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com
- Christie Managed Services: +1-800-550-3061 or NOC@christiedigital.com