

D4K-60/Mirage 4K MCPU Board Upgrade Instruction Sheet

This document provides instructions for upgrading the D4K-60/Mirage 4K MCPU board. The MCPU board can be upgraded on the following projectors:

D4K3560	Mirage 4K25
D4K2560	Mirage 4K35

Prerequisites

- MCPU Board Upgrade Kit (P/N: 003-111831-XX or 004-111831-XX)

Replace the MCPU board

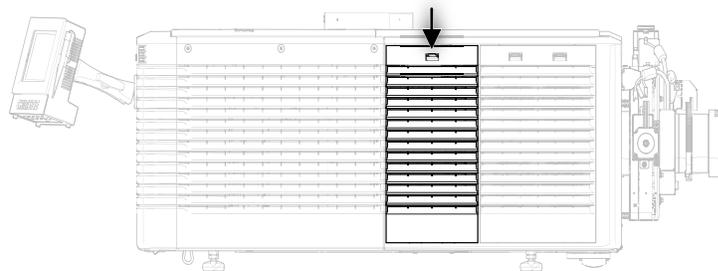


ELECTRICAL SHOCK HAZARD! Always turn off, disconnect, and disengage all power sources to the projector before servicing. Failure to comply results in death or serious injury.



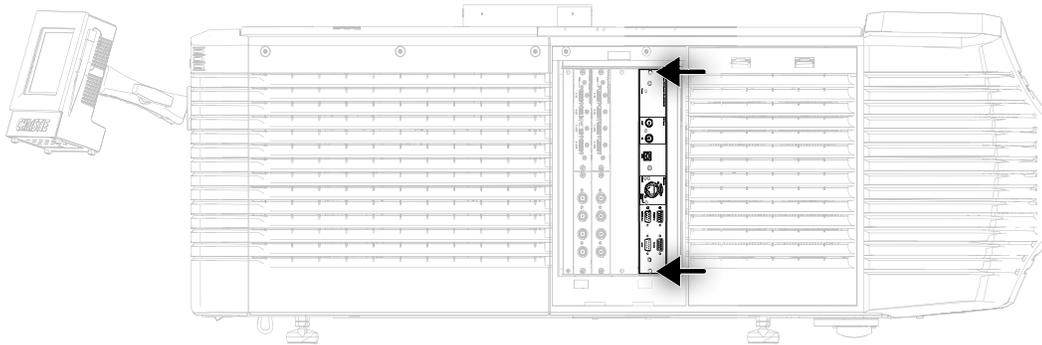
Only Christie accredited service technicians are permitted to open any enclosure on the projector and only if the AC power has been fully disconnected. Failure to comply could result in minor or moderate injury.

1. If the projector is operating, turn it off.
2. Disconnect the projector from AC power.
3. Remove the card cage cover:
 - a. Push down on the cover's center tab.



- b. Pull the cover out and lift it up to clear the frame and remove from the projector.

- Loosen the two thumbscrews securing the board to the card cage.



- To remove the board from the card cage, pull it straight out of the slot.
- Install the replacement board in the slot, using the rails to slide the board through, securing it to the motherboard.
- Keep the ESD bag and packaging material to ship the faulty MCPU board back to Christie Digital Systems.
- To secure the board to the card cage, tighten the two thumbscrews.
- Plug the projector into AC power.
- Turn the projector on.
- Verify the projector is booting into recovery mode.

Component	Recovery Mode Indicators
MCPU Board	Solid orange light > blinking orange light > alternating orange and green light
Tail lights	Solid red, yellow and green lights
Touch Panel Control display	Displays Boot Mode on the screen

- When the power LED on the MCPU Board is blinking orange and green and the TPC displays Boot Mode, proceed to [Install the latest D4K-60/Mirage 4K software](#) on page 2.

Install the latest D4K-60/Mirage 4K software

- From the www.christiedigital.com website upload and install the latest D4K-60/Mirage 4K software.
- Insert a USB flash drive with the upgrade package into the USB port on the side of the TPC.
- Tap **Admin > Upgrade**.
- Tap **Browse** and browse to the location of the file.
- Select the file.
- Tap **Install**.

7. When the upgrade completes, tap **Reboot the Projector**.
8. Verify the projector has rebooted into Main mode.

Component	Main Mode Indicators
MCPU Board	Solid orange light > blinking green light
Tail lights	Solid yellow = Standby mode
Touch Panel Control display	Displays a message indicating it is finishing the upgrade, reconnecting, and then is in Standby Mode .

Technical support

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