

# CINEMA TECHNICAL NEWS

[Firmware updates >](#)

[Projection news >](#)

[Resources >](#)

[Training Center >](#)

Welcome to Christie® Cinema Tech News, your source to keep up to date with the latest firmware, technical bulletins, manuals, tech news, tips, and tricks.

In this issue:

- Introducing the new CP4415m-RGBH and CP4420m-RGBH
- Phazer webinars with Jud Cross
- New instructional videos
- All about our new CAVE-LP card cage
- Resources & downloads
- Upcoming training dates
- Technical support

## FIRMWARE

[Solaria v4.8.1 | Notes](#)

[IMB-S4 v1.3.1 | Notes](#)

[IMB-S2 v1.8.12 | Notes](#)

[CineLife v2.7.7 | Notes](#)

[CineLife+ v2.6.0 | Notes](#)

Hawkeye Version 1.5.0  
([Contact technical support for download](#))

## Introducing the new CP4415m-RGBH and CP4420m-RGBH



We recently launched two new cinema projectors, CP4415m-RGBH and CP4420m-RGBH, featuring RGB laser-phosphor

## HELPFUL TECH BULLETINS

**\*NEW\***

[IMB-S4 Version 1.3.1 upgrade notice](#)

**\*NEW\***

[2.1kW and 3kW ballast lamp strike issue](#)

enhanced hybrid illumination technology.

The advantage of having a hybrid light source that combines both red, green, and blue lasers and laser phosphor in one machine is that speckle is reduced tremendously due to the laser phosphor portion of the light source, and a wider color gamut than standard laser phosphor projectors, thanks to the RGB portion of the light source.

### Want to learn more?

Check out the product pages on our website for details:

- [CP4415m-RGBH](#)
- [CP4420m-RGBH](#)

Or download the data sheets for additional technical specifications:

- [CP4415m-RGBH Data Sheet](#)
- [CP4420m-RGBH Data Sheet](#)

---

## Join us for the next phase of cinema illumination



Discover how Phazer RGB hybrid laser tech reduces speckle and elevates booth performance in this three-part webinar led by Jud Cross.

[Reserve your spot](#)

---

## More instructional videos now available on Christie University

[Inactive pixels in a projector setup \(Prevents DMD Issues\)](#)

[12 V power supply screw replacement](#)

[Filter washing instructions](#)

[Replacing a harness when performing LOS RMA due to TEC or red laser error](#)

### HELPFUL INSTRUCTIONS:

[Installing new rivets on CP23XX-RGBe projectors](#)

[IMB-S4 hard drive tray connectivity](#)

[Zoom lens motor kit installation](#)

[Accessing the projector user interface](#)

[Installing the card cage gasket strips](#)

### OTHER DOWNLOADS:

**\*NEW\***  
[Mystique™ Version 2.13](#)

**\*NEW\***  
[Mystique Version 2.13 software release notes](#)

### TRAINING CENTER



Ready to start your training? Check out the dates for our upcoming in-person sessions for 2026.

Visit [Christie University](#) to register for a session. Click “enroll” on any available class, and our training team will contact you to confirm your spot after you've registered.

### UPCOMING IN-PERSON TRAINING

Americas



While Service Manuals are always a helpful resource for instructions, we know videos are an important source when working on something new. That's why we're uploading new videos to Christie University on topics like part replacements, calibrations, and more. Here are a few of our most recent videos uploaded to Christie University:

- [Zoom and focus adjustment for the CP4415-RGB, CP4420-RGB, CP4425-RGB, CP4430-RGB, CP4435-RGB, CP4440-RGB, CP4450-RGB, and CP4455-RGB](#)
- [New lens zoom motor kit installation](#)
- [Replacing the light engine in a CP2415-RGB or CP2420-RGB](#)

### How to find videos

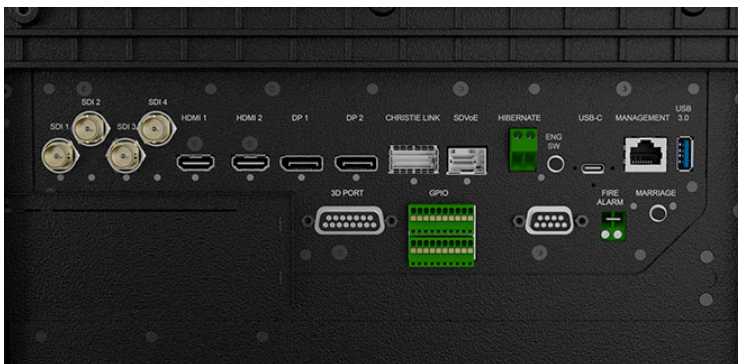
These videos are available to anyone with an active Christie University account. After you log in to Christie University, here's how to find our latest videos:

1. Go to the Catalog.
2. Click on the "Videos" section.
3. Click on the "Product Training Videos" section.
4. Click on the product series you're interested in (for example, "CineLife+")
5. Look for the video title and click "Enroll".

**Don't have a Christie University account?** [Click here](#) to register to access our videos and online training. Accounts are free, and registration takes less than three minutes.

---

## All about our new CAVE-LP card cage



We're releasing a third type of cinema card cage on our new RGBH CineLife+™ projectors that contains a CAVE-LP (Control and Video Electronics – Low Power) mated with a VOM-CI (Variable Option Module – Cinema Interface) featuring new benefits for exhibitors.

**CineLife+ (RGB and RBe)  
Levels 1 and 2**

**Cypress, CA**  
April 21–24

**Kitchener, ON**  
June 2–5

### Europe

**CineLife+ RBe Series  
(Phazer): Levels 1 and 2**

**Cologne, Germany**  
April 14–15

**CineLife+ RGBH (Phazer)  
Levels 1 and 2**

**Wokingham, UK**  
March 24–25

**Cologne, Germany**  
April 16–17

[Enroll today](#)

### TECHNICAL SUPPORT

Need support or a technical document not included in this newsletter? Contact us today:

[Americas](#)

[Asia Pacific](#)

[China](#)

[Europe, Middle East, Africa](#)

Before we dive into those benefits, here's a little background on our different card cages:

The first version of our card cage contained a CAVE that's mated with a VOM-CI and used in all RGB and Xe models of our CineLife+ projectors. To replace the CAVE or VOM-CI in that version, a complete card cage replacement is required.

Our second version of the card cage contained the CAVE-2K (Control and Video Electronics – 2K Resolution Processing) that featured elements of the previously released CAVE and VOM-CI in one, with processing power for only 2K resolution, and is used in our RBe product line. Unlike the first version, if the board needs to be replaced, the CAVE-2K module can be replaced rather than the entire card cage.

This new version contains a CAVE-LP (Control and Video Electronics – Low Power) mated with a VOM-CI. The CAVE-LP and VOM-CI come in one subassembly and can be removed from the card cage. This means that if a replacement is required, only the module needs to be replaced, not the complete card cage. The LP, or "lower power", in the name refers to a new Hibernate feature that allows the projector to go into an ultra-low power mode. This new card cage is able to process 4K resolution and is first being released in our CP 4430m-RGBH and CP 4420m-RGBH models.

**HAVE ANY QUESTIONS OR NEED MORE INFORMATION?**

Please contact Christie technical support via email at [support.cinema@christiedigital.com](mailto:support.cinema@christiedigital.com) or call 1-877-334-4267.



Innovation in every frame™

This email was sent from Christie to: {{Email}}

Need to update your information?  
[Change your preferences or unsubscribe.](#)

[Legal](#) | [Privacy policy](#)

© 2026 Christie Digital Systems USA, Inc. All rights reserved  
{{Companyaddress}}