



How to protect your equipment during this temporary shut down

Product-specific recommendations



Here's how to protect your equipment during this temporary shut down

Here are our product-specific recommendations that will help ensure your equipment is fully operational when it's time to reopen your theater.

| Christie projector | Here's what we recommend |
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| Christie Series 1 projectors - CP2000 i/-H/-S/-SB/-X/-XB | Power up every 7 days for 'ON' duration of 3 hours |
| Christie Series 1 projectors - CP2000-ZX, CP2000-M | Power up every 3 days for 'ON' duration of 3 hours |
| Christie Series 2 projectors without IMB-S2 - CP2215, CP2220, CP2230, CP4220, CP4230, CP42LH | <p>Power up every 7 days for 'ON' duration of 3 hours</p> <ul style="list-style-type: none"> • This ensures LD (Link Decryptor) and third-party IMB stays fully charged • Please follow the manufacturer's recommended guidelines for third-party IMBs if available • See tech bulletins for ICP, PIB, and TPC battery replacement procedures |
| Christie Series 2 projectors with IMB-S2 - SolariaOne, SolariaOne+, any projector with IMB-S2 | <p>Power up every 3 days for 'ON' duration of 3 hours</p> <ul style="list-style-type: none"> • See tech bulletin for IMB-S2 Security FIPS Tamper Management • See tech bulletins for ICP, PIB, and TPC battery replacement procedures • When powering down a projector, please ensure that the security ring and the service door are both closed: leaving these open drains the IMB battery <p>Note: We recommend keeping Solaria Series 2 projectors in stand-by mode if leaving unattended for long periods of time, to prolong the battery life of the PIB and ICP</p> |
| Christie Series 3 projectors with or without IMB-S3 - CineLife Series CP2308, CP2315-RGB, CP2320-RGB, CP4315-RGB, CP4320-RGB, CP4330-RGB | <p>Power up every 7 days for 3 hours</p> <ul style="list-style-type: none"> • If using a third-party IMB, please follow the manufacturer's recommended guidelines if available |
| Christie Series 4 projectors - CineLife+ Series CP4440-RGB, CP4450-RGB | <p>Power up every 7 days for 3 hours</p> <ul style="list-style-type: none"> • If using a third-party IMB, please follow the manufacturer's recommended guidelines if available |



General maintenance tips - Christie equipment

Here are some tips to ensure your equipment is ready to go when it's time to reopen.

Weekly walk-around inspection

Once a week, take an equipment 'walk-around' to ensure everything's okay and that there are no environmental or facility problems. Check for coolant leaks in the projection and laser systems, and for leaks caused by rain or internal plumbing. These types of leaks tend to occur when equipment is left to its own devices, due to pressure changes or other external factors.

Power up to protect batteries and circuit boards

Some projector and player devices have small rechargeable batteries that keep security services and tamper devices intact on the circuit boards. If these batteries go flat, your equipment won't play content and you'll need to replace circuit boards, which are expensive and likely to be in short supply over the coming months.

Power on routers, modems, and switches

We recommend leaving your network routers, modems, and main network switches connected and powered on. Why? If you need remote assistance quickly—for example, while doing your weekly walk-arounds—the Christie NOC can help you out. If your routers, etc. are turned off for some time, they may take a long time to come back online, or not at all. Leaving them on also allows you to quickly restart your theater when it's time to do so.

Inspect and replace fans and filters

We recommend that you inspect and replace fans and filters as needed to ensure your equipment continues to run optimally.

Update the projector and IMBs with the latest software / firmware release

Here are the latest releases:

Series 1 CP2000-S, CP2000-SB, CP2000-X, CP2000-XB

- Touch panel software: [TPC Suite V2.9d](#)
- TI Main software: [V15.1.52](#)

Series 1 CP2000-ZX, CP2000-M

- Main software: [V3.1.0](#)
- TI Main software: [V15.1.52](#)

IMB-S2: [1.8.7 \(19\)](#)

Solaria Series: [4.8.1 \(3\)](#)

CineLife Series: [2.4.1-12](#)

CineLife+ Series: [1.1.1-27](#)

Note: Christie NOC-connected customers may contact the NOC and we'll remotely perform these updates while their equipment is powered up

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General maintenance tips - Non-Christie equipment

Doremi and Dolby servers

Keep powered on if possible. There's a risk of Dolphin Board / Secure Board failure, which results in time drift that could result in needing to replace the circuit boards. We don't recommend powering down.

GDC servers

The shelf-life of the SA-2100 and SX-2000A is 5 years, so if they've never been swapped, an extended power down could cause low batteries to fail. For the SX-3000 and SX-2000AR, the shelf-life is 5 years.

Audio racks

Keep powered on if possible. Older amplifiers have high failure rates when powered down after years of continuous operation. We don't recommend powering down.

Uninterrupted power supply (UPS)

Keep powered on if possible. However, if the power supply is being cut at the breaker, make sure the unit is completely shut down to prevent the batteries from dying.

LMS server racks

Keep powered on if possible. There is a risk of NTP time loss that will affect players and playback, and if you have an issue with your projection equipment, will prevent us from being able to support you remotely.

Please note

In addition to the above, please note that there's a risk of general failure during the power down / power up process. We recommend keeping equipment powered up wherever possible.

