
Technical Bulletin

Replacing the TPC Battery

This document provides instructions for replacing the Touch Panel Controller (TPC) battery. If the TPC battery fails, automated events will not run as expected.

The TPC battery replacement takes approximately 30 minutes. Christie recommends replacing the battery every five years.

Affected products

- Christie CP2210
- Christie CP2215
- Christie CP2220
- Christie CP2230
- Christie CP4220
- Christie CP4230
- Christie Solaria One
- Christie Solaria One⁺

Safety precautions



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.



To prevent damage by static electricity, wear an anti-static wrist strap and follow anti-static protocols when replacing the TPC battery.

Prerequisites

- Replacement TPC battery (type BR2032)
- A USB flash drive with a minimum capacity of 8GB

Replace the TPC battery

This procedure describes the replacement of a TPC battery in a Christie CP2215 projector. For removal instructions that are specific to your projector model, see the projector Service Manual.

To prevent damage to the projector or personal injury, complete the procedures in the order they are written.

Backup projector settings and information

This procedure is optional, but is recommended to make sure you can recover your data if an error occurs.

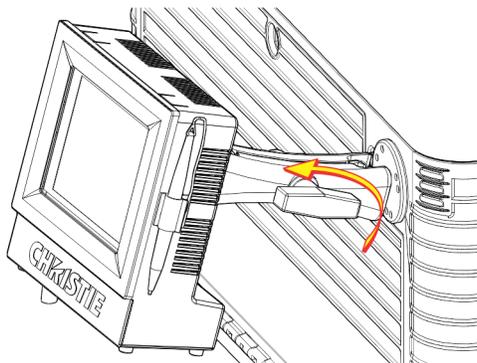
1. Insert a USB flash drive into the USB port on the side of the projector touch panel controller (TPC).
2. Log on to the projector with service permissions.
3. On the TPC, tap **Menu > Service Setup > File Management**.
4. Tap **Backup**.
5. When the backup is complete, remove the USB flash drive and store it in a secure location.

Prepare the projector for service

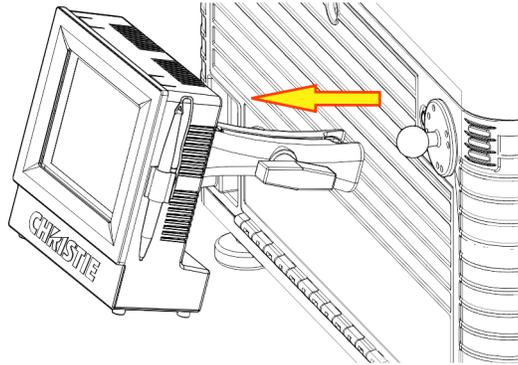
1. If the lamp is on, tap the lamp off () icon on the projector TPC to turn it off.
2. Allow the lamp to cool for a minimum of 15 minutes.
3. Tap and hold the power off () icon to turn the projector off.
4. Disconnect the projector from AC power.

Remove the TPC

1. Loosen the clamp holding the extension arm to the TPC ball joint.



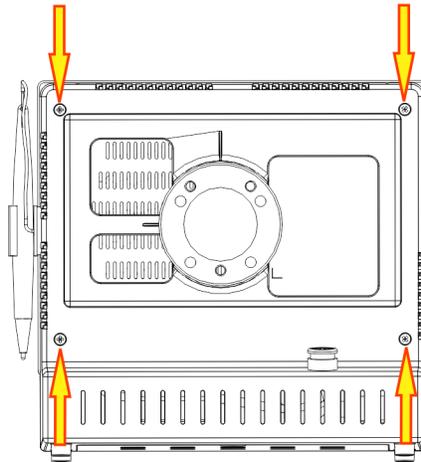
2. Pull the TPC outward and away from the extension arm.



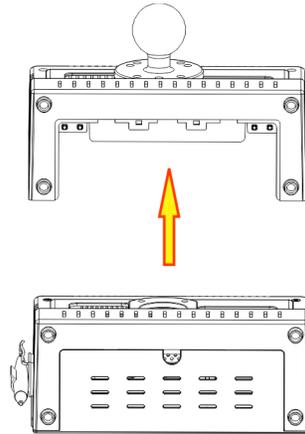
3. Remove the extension arm and set it aside.
4. Disconnect the TPC harness.
5. Set the TPC on a flat, stable surface with the screen facing down.

Remove and replace the TPC battery

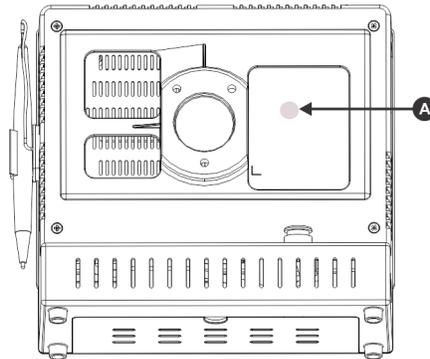
1. Remove and set aside the four screws securing the rear cover to the TPC.



2. Lift the rear TPC cover up and away from the TPC and set it aside.



3. Remove the battery (A) and set it aside.

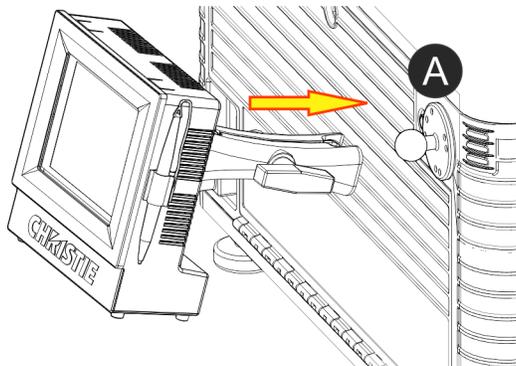


Follow your local regulations for battery disposal.

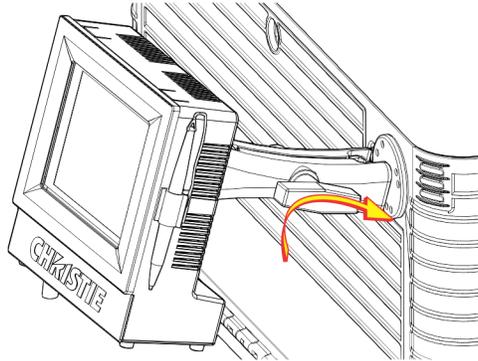
4. Insert the new battery.

Reinstall the TPC and reassemble the projector

1. Fit the TPC mounting arm over the ball joint (A) located on the rear panel of the projector.



2. Tighten the mounting arm until it fits tightly on the ball joint.



3. Reconnect the TPC harness.
4. Reconnect the projector to AC power.
5. On the projector TPC, tap and hold the green power () icon.

Reset the clock

You do not need to complete this procedure when the Network Time Protocol (NTP) is active, a Link Decryptor (LD) is installed and active, or when an Integrated Media Block (IMB) is installed and active.

1. Log on to the projector with service permissions.
2. Tap **Menu > Service Setup > System Access**.
3. Tap **Windows Explorer**.
4. Tap the time display in the task bar.
5. Adjust the time and date to match your local settings.
6. Tap **OK**.

Restore projector settings and information

This procedure is optional. Complete this procedure if an error has occurred and you need to recover projector settings and other data.

1. Log on to the projector with service permissions.
2. Insert the USB flash drive with the backup into the USB port on the side of the projector.
3. Tap **Menu > Service Setup > File Management**.
4. Tap **Browse** to the right of the **File to restore** field.
5. Select the location of the upgrade file in the **Drive Letter** list.
6. Browse to the location of the upgrade file in the **Folder** list.
7. Tap the upgrade file and then tap **Open**.
8. Select the type of file to restore in the **Select type** list.

9. Tap **Restore**.
10. Tap **Yes**.

Technical support

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