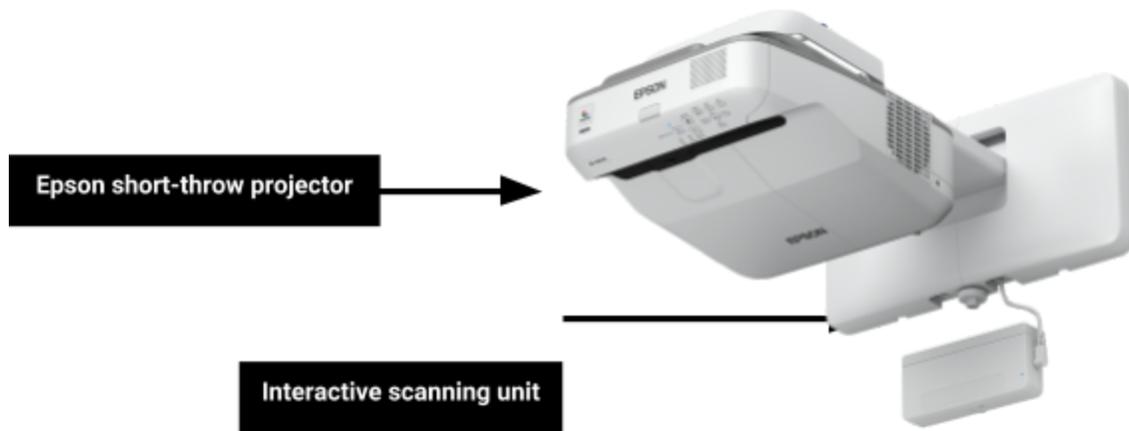


This guide will detail some of the common problems users experience when using the interactive features in Epson PowerLite projector setup some classrooms. The interactive (touch) TEC packages include a laser-driven scanning unit to detect the interactive pens. (Note: The newest projector packages do not contain a separate unit as the scanning functionality is built into the projector itself.)

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Requirements

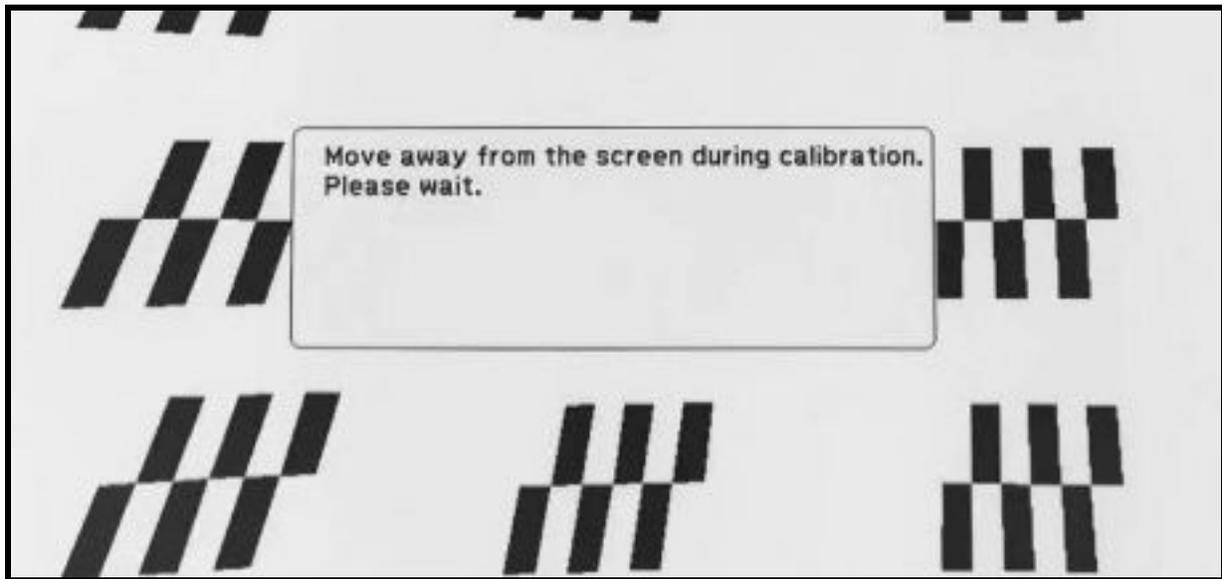
In order to use the interactive features in the projector TEC packages, the interactive scanning unit needs to be plugged in (if applicable). Additionally, the source computer will need to be connected to the TEC package control box via a USB connection. (Note: While transmitting video wirelessly is possible using the included AppleTV units, there is currently no wireless functionality for interactivity and therefore the computer must be connected via USB as shown below)



Common Problems

Calibration: If the position of the pen doesn't appear to match what is happening on the screen, it is possible that the unit needs to be recalibrated.

The auto-calibration setting within the menu will both re-calibrate the wide beam laser scanner and run a diagnostic on the surface. The auto-calibration will only fail if the magnets or stickers on the board actually interfere with the initial calibration. If the calibration completes successfully, assume that the items on the white board are not interfering with function.



*Screen Flickering: If the screen flickers when objects are placed close to the whiteboard space, it is possible that the **Hovering** setting is interfering with performance. Toggling this setting to "off" in the menu usually improves the situation.*

*For improved performance, press the **Menu** button on the Epson remote. Scroll down to the **Extended** option In the projector's **Extended** menu, select **Easy Interactive Function** > **Hovering** > **Off**.*



Using the Pens for Accuracy:

Use the projector pen instead of fingers for interactivity and writing.

The pens provided with the TEC packages are more effective and accurate than using your finger to draw. The pen location is triangulated by the sensors in the projector. Ideally, teachers should hold the pen perpendicular to the surface (at a 90° angle) for maximum accuracy.



Because the Epson pens are battery powered, each TEC package kit includes a charging unit for the rechargeable batteries.

- The interactive pens are fitted with reliable rechargeable batteries. A recharger was included with the installation and teachers can recharge batteries overnight if the pen stops working. Users can expect to use the pens reliably for 1-2 months without needing a recharge. Note: the button on the pens will flicker a blue light when the batteries are running low.

Image Appears Compressed:

The compressed image that appears from the projector when working with AirParrot is possibly caused by the Apple TV settings adjusting for a possible discrepancy in display resolutions.

To make the image appear normally on the projector:

- In the Apple TV **Settings** menu, select **AirPlay** > **AirPlay Display Underscan** > **Off**.
- Next, change the resolution in Windows to match the projector. Right-click on the desktop, select **Screen Resolution**. Choose a high resolution, ideally 1280 x 768.

