

Setting monitor luminance level, light source, and measuring device

Note: Initial calibration to MAX or FIXED luminance will take approximately 15 minutes per monitor. This is expected since our process is more intense than other calibration software. We ensure color accuracy as we display color patches and capture the readings from measured to target. Subsequent calibration will be quicker per monitor; as long as the luminance remains unchanged and stays on MAX or FIXED.

1. At the Dock, click the Matchprint Virtual folder icon.
2. Select **MVCalibrator**.
3. **Apple Silicon chipset (MV 11.6.1) only:** If MV cannot automatically read the details of the monitor, MV will ask the user to choose the monitors for use with MV.
 - a. A window will appear on the first monitor. Click to select.
 - b. A window will appear on the second monitor. Click to select.
 - c. This process will happen on all monitors (up to four, depending on the Mac model).
 - d. When completed, the screen will appear blank. Click the MV Calibrator app in the dock to make it appear.
4. In the MV Calibrate window that appears, on the right-hand side, click .
5. Select **Fixed Luminance Method**, and set the luminance level to 200 or 10% below the maximum luminance value.

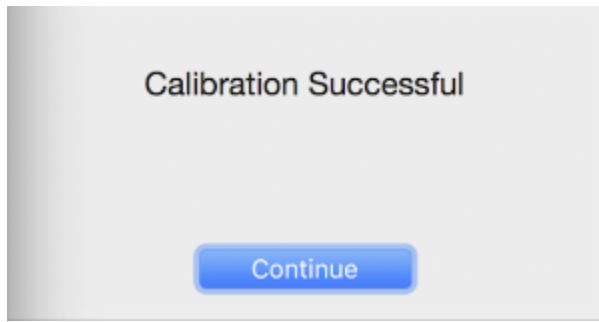
Note: To enable longer usage of the monitor, a fixed luminance level of 200 is recommended. However, when you calibrate to Max luminance, the software automatically calculates the value to a recommended value, which equals 90% of the max luminance value measured. This value is displayed by the slider.
6. If you have previously applied a white point adjustment, check the values.

Note: For information about setting the white point adjustment, see the [Adjusting the White Point of Your Monitor](#) document.
7. In the **Measurement Device** list, select the Eye One or Eye One Display measuring device.
8. In the **Calibrate Expiration** box, type the number of days for the calibration to remain valid.

Note: This number cannot exceed 14 days.

 - a. Click **Save**.

A message appears, notifying you that the change will require you to calibrate your system.
 - b. In the Message window, click **OK** to continue.
9. Select the **Settings** menu. In the **Select Light Source** list, select **ISO_3664_D50**, **GTI**, or **JustNormLight** for the lighting that you are using.
10. In the MV Calibrate window, select **CALIBRATE**.
 - a. To start calibration, click **Go**.
 - b. Follow the steps as prompted by the software for initializing the colorimeter and calibrating the monitor.
 - c. When calibration is complete, the following message appears:



Note: If you encounter a problem during calibration and the calibration is not successful, refer to the [Troubleshooting](#) page to find the symptom and the solutions.

11. If you have a viewing booth, you must set the viewing booth luminance to match the monitor luminance. Failure to do so may result in a poor color match between hard copy and virtual proofs.

Note: Replace the monitor when it can no longer achieve a luminance level of 120.

For information about setting the viewing booth luminance, see the [Matchprint Virtual Best Viewing Practices Guide](#).

Once you have confirmed that the monitor and the Kodak reference proof match, you can use your own reference proof and profiles for color qualification.