

# iPad Calibration Workflow

Reference Mode calibration is available on the following Apple® iPad Pro models (and potentially subsequent models) – for iPad OS 16 or later:

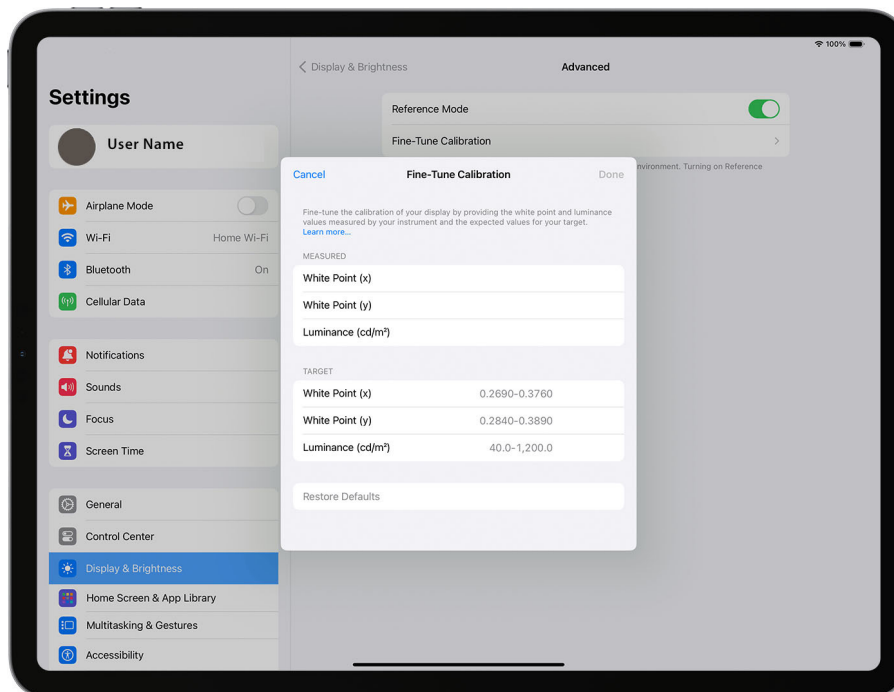
- iPad Pro 13-inch (M4)
- iPad Pro 11-inch (M4)
- iPad Pro 12.9-inch (5th or 6th generation)

Requires a supported Calibrite Display device:

- Calibrite Display Plus-HL

## A: Configure iPad Settings

- Open the Settings app, then tap *Display & Brightness*.
- Tap *Advanced* (last of the Display & Brightness settings).
- **Turn ON Reference Mode.**
- Tap *Fine Tune Calibration*.
- If there is any existing data, click *Restore Defaults*.



## B: Measure iPad white-point

- Open a pure white reference image on the iPad – if required, **click to download** and open a reference white image file.
- Connect a supported Calibrite Display Plus-HL device.
- Launch Calibrite PROFILER.
- Select: Utilities > Measure Screen Output.
- Place Calibrite Display Plus-HL device on iPad white reference image.

- Click Measure.
- Make note of measured “x y” and luminance cd/m2 values.

## C: Calibrate iPad Settings

- Return to iPad Settings > Fine-Tune Calibration.
- Enter the measured values (x) (y) (cd/m2) in the corresponding *MEASURED*
- Enter your desired target values (x) (y) (cd/m2) in the corresponding *TARGET* fields
  - **For a Target of D65 (or 65000k) use:**  
x = 0.3127  
y = 0.3290  
Luminance (cd/m2): 120 – or your preferred brightness depending on your environment
  - **For a Target of D50 White Point (print conditions) enter:**  
x = 0.3457  
y = 0.3585  
Luminance (cd/m2): 160 – or your preferred brightness depending on your environment

Alternatively, x y coordinates for other white point values can be found through Adobe® Photoshop by selecting *Custom RGB* in the *Colour Settings* window, or search for an online calculator.

- Tap *Done* when all figures have been set.

## D: iPad Calibration Complete and Verification

The iPad display is now calibrated in Reference Mode to your specified display conditions.

To verify the outcome, remeasure as follows:

- Display the white reference on iPad Pro – if required, **click to download** and open a reference white image file.
- Return to Calibrite PROFILER and repeat measurement process.
- Measured values should correspond to target values.
- iPad is now calibrated to your specified display conditions.

The Verification process can also be used at a later date, to determine if the iPad requires recalibration.

## E: Switching Between Display Modes

When the full brightness and contrast of the iPad is required, simply switch off *Reference Mode*.

Switching *Reference Mode* back on will return to its calibrated state, and as with other display technology we recommend recalibration every 3-4 weeks. For which you can retain the *TARGET* values, remeasure with Calibrite PROFILER > Utility > Measure Screen Output, and just update the iPad: *Reference Mode* > Fine-Tune Calibration > *MEASURED* values.