iColor Display 3

Sophisticated display calibration software

Quato iColor Display 3

IColor Display is the link between a calibration device, a display and the colormanagement. It's straight forward and intuitive user interface makes the calibration process a snip; even for beginners and semi trained personal. It´s the only software available today that support hardware gamma adjustment and has unique certification features. iColor Display is compatible with Mac OS X and Windows XP / Vista and supports a variety of measurement devices.

- Supports all necessary manual adjustment methods
- Hardware gamma adjustment for displays that support these feature
- Integrates a manual hardware luminance control for TFTs and CRTs
- Includes certification and verification features
- Supports many Gretag-Macbeth, X-Rite, Quato and Datacolor sensors
- Compatible with Mac OS X from 10.3 on (Intel/PPC), Windows XP 32 and Vista 32/64

iColor Display software in depth

IColor Display´s straight forward and intuitive user interface makes the calibration process a snip; even for beginners and semi trained personal. IColor Display supports the user with context sensitive help at the bottom of the window.

This powerfull and user friendly software is divided into two basic parts:

Base calibration

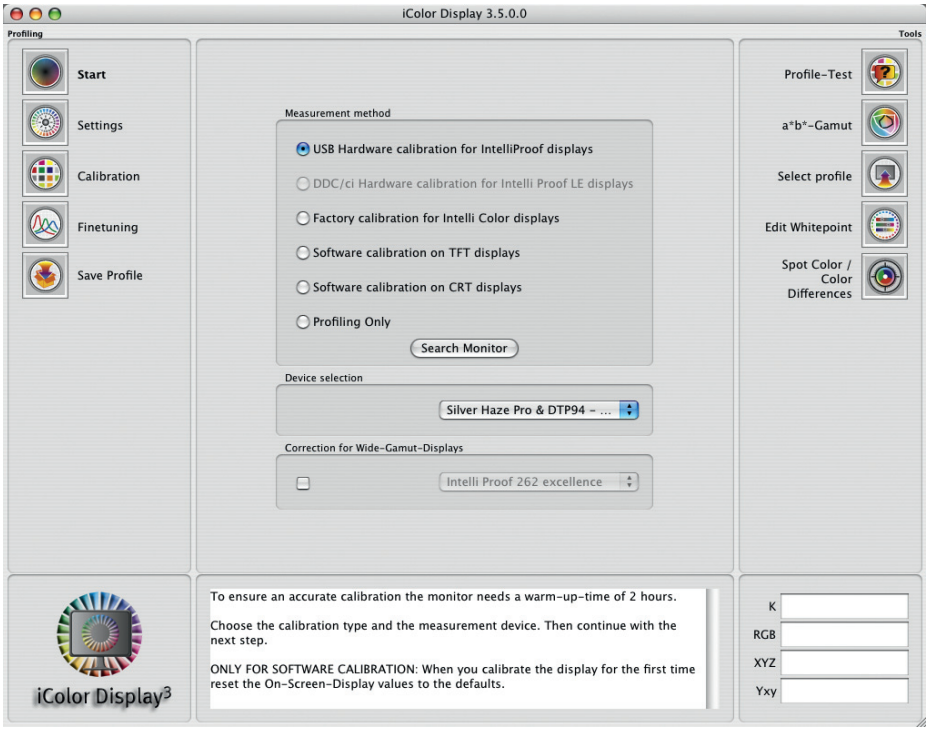
iColor Displays offers a full featured setup with access to all values necessary for a perfect calibration result. The white point, Blackpoint, gamma and luminanceare available or preset is used. The calibration procedures are performed manually with interaction from the user. If the display supports Gamma-adjustment, the software can even adjust the displays´s gamma to the choosen preset. CRTs are also supported. After the calibration, the user saves the profile and the process is completed.

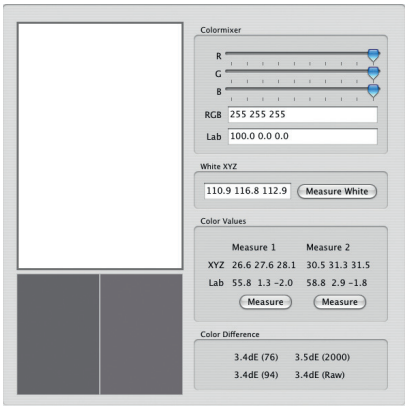
The human eye recognizes colors not always the same way a colorimeters or spectrometers do. Due to that, iColor Display allows the user to adjust the whitepoint for a perfect match for display to display comparisions or between display and print/proof in a viewing booth.

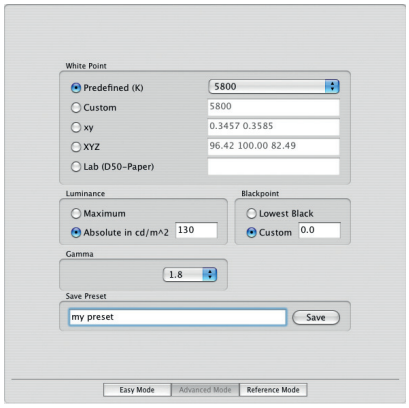
iColor Display allows you to save the profile in two different ways without the need of a recalibration. One can choose between a primary matrix-, an optimized matrix- and a LUT-profile. Three chromatic adaption to match the color rendering to the human eye´s reception at whitpoints other than D50 are available. These chromatic adaptions compute the display´s whitepoint other than D50 back to the 5.000K basis.

Testing and evaluation

A set of testing- and evaluation-features is available to ensure the best results. The primaries (Red/Green/Blue) and secondaries (Cyan/Magenta/Yellow) are used to show the precision inside the display's gamut in DeltaE Lab. A grey-ramp is also included. For more experienced users, the basic values are also available as XYZ-values. Like all the other professional proofing software,





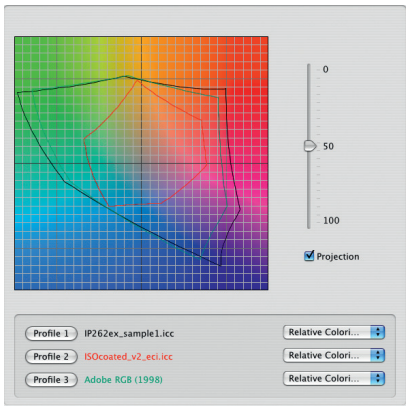


iColor Proof uses DeltaE Lab for all color deviations. Additionally DeltaE 94 is also supported. The created report can be saved for later reference.

After all optimising and evaluation, an a/b-diagram shows the gamut of the display in comparison to outher output or reference devices.

The all-new Spot Color feature allows to measure a color either in iColor and the same color in Photoshop or completely independent from iColor Display. The software will report the color deviation to trace the color workflow for example.

Therefore this standalone software can be used with compatible equipment at the user's side.



The software supports a variety of colorimeters and spectrometers like the Eye-one series, X-Rite DTP94 / Monaco Optix XR, Quato Silver Haze Pro and Datacolor Spyder 2/3.

Specifications are subject to change without notice

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