Because it matters

BenQ Palette Master Element

How to use guide

Proprietary Calibration Software

Palette Master Element software simplifies calibration and reliably produces accurate color results. Palette Master Element can be used to fine tune the color engine in monitors and supports X-Rite / Datacolor colorimeter.

The images here are for reference only and may vary by the purchased model.

one Launching Palette Master Element

For Windows

Double-click on the icon

For Mac

Double-click on the icon in the Dock

- Check to see that the USB cable is connected to both monitor and computer.
- Check to see that colorimeter is connected to the monitor's USB port.

CONNECTING COLORIMETER

two In Basic Mode

▶ The software detects your monitor model automatically and shows menu options accordingly. Plug the colorimeter to USB port and select the model name, then click "Check Sensor" to make connection.

▶ Click "Start" to enter Basic mode.

two In Basic Mode ii

▶ Default settings and profiles may vary by model. Select the desired Default profile, White point and Luminance. After setting, click "Next".

▶ Select target "Calibration 1" or "Calibration 2" to save the calibration result into the monitor, then click "Start Measurement" to calibrate monitor. This will take around 7 minutes.

CALIBRATION

▶ Before calibrating, tilt the monitor up to ensure that the colorimeter snaps onto the monitor.

▶ Follow the instruction to open the sensor for calibration (i1 Display Pro only), then click "Continue".

two In Basic Mode ii

▶ Put the colorimeter on the screen and match the colorimeter image to get best calibration result, then click “Continue” to start calibration.

▶ Once calibration finishes, user can see the short calibration report for Luminance, Color temperature and Delta E achieved result.

three In Advanced Mode

▶ Click “Profiling”.

▶ Select the desired Default profile, White point and Luminance. After setting, click “Next”.

three In Advanced Mode ii

Experienced user can adjust White point, Luminance, Gamma and Black Point according to their demand. After customized user can save the profile setting by customized naming. If user wants to delete or change the profile names, they can do so by finding the profile files on

Win: C:\Windows\System32\spool\drivers\color

Mac : \Users\[User Name]\Library\ColorSync\Profiles

three In Advanced Mode ii

- Select target "Calibration 1" or "Calibration 2" to save the calibration result into the monitor, also, if user want to get more precise result, they can change the patch size to "Medium" or "Large", but will take more time to calibrate. After all settings finish please click "Start Measurement" to calibrate monitor. Before calibrating, tilt the monitor up to ensure that the colorimeter snaps onto the monitor.

▶ Follow the instruction to open the sensor for calibration (i1 Display Pro only), then click "Continue".

▶ Put the colorimeter on the screen and match the colorimeter image to get best calibration result, then click "Continue" to start calibration.

three In Advanced Mode iii

Once calibration finishes, user can see the short calibration report for Luminance and Color temperature achieved result.

User can setup the desired Delta E value range then click “Validation Calibration” for further validation.

After validation, user can know if the calibration result meet the desired Delta E range. Also, if needed, user can export the report as HTML format.

four System Requirements

OS system	PC	Mac
	Win 10 / 8.1 / 8 / 7 (32 or 64 bits)	10.6.8-10.11
Hardware	• At least 2 USB ports • Intel® Core 2 Duo or AMD Athlon™ 64 X2 or better CPU • 2GB of available disk space • Graphic card support at least 16.7 million display colors • Minimum resolution 1024 x 768	

five Supported Colorimeters

Manufacturer	Model
X-Rite	i1 Pro, i1 Pro2, i1 Display Pro
DataColor	Spyder 4 / Spyder 5

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