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 SW series monitors and supports X-Rite /Datacolor colorimeter.

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

▶ Plug the calibrator to USB hole and select the model name, the click "Check Sensor" to make connection

▶ Click " Start " to enter Basic mode

two In Basic Mode ii

▶ Select the desired Default profile, White point and Luminance. User can choose the profile " Photographer, Web or Graphic" according to their demand. 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 calibrator on the screen and match the calibrator image to get best calibration result , then click " Continue" to start calibration

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

three In Advanced Mode

▶ Click "Profiling"

▶ User can choose the profile " Photographer, Web or Graphic" according to their demand. 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 calibrator on the screen and match the calibrator image to get best calibration result , then click " Continue" to start calibration

three In Advanced Mode iii

▶ Once calibration finish, 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 Required

OS system	PC	Mac
	Win 10 / 8.1 / 8 / 7 (32 or 64 bits)	10.6.8-10.11
Monitor	All SW series	
Hardware	At least 2 USB port 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 Support Colorimeter

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

Because it matters

© 2015 BenQ Corp. Specification may vary by region, please visit your local stores for details. Actual product's features and specifications are subject to change without notice. This material may include corporate names and trademarks of third parties which are the properties respectively. Doc. No.: LCD_UG_EN_20151202