CalMAN RGB

Manufacturer: SpectraCal, Inc.

Company Logo:

SpectraCal

Product Logo:

Short Description: Computer Monitor Calibration Software

Full Description: The software company that set the standard for display calibration in the home video, broadcasting, production, and AV professional industries now offers calibration software for your computer monitor! Designed for photographers and home users who want standardized color performance across their computer monitors and workstations, CalMAN RGB will provide images that are richer, clearer, and fully detailed. In just minutes you can ensure your computer monitor is accurately displaying colors every time it's used.

Key Features:

- Compare pre and post calibration measurements.
- Choose from a wide selection of standard and custom settings.
- Calibrate with the click of a button or use a multi-step workflow.
- Set up multiple calibration profiles for each monitor.

Benefits:

- Achieve images that are rich and lifelike.
- See full detail throughout images – whether in bright light or dim shadows.
- Correct glaring and washed out colors.
- Eliminate the bright blue tint typical of uncalibrated computer monitors.
- Maintain image accuracy as your monitor ages.

Purchasing Options

- CalMAN RGB (Software Only)
- CalMAN RGB + the SpectraCal C3 Colorimeter
- CalMAN RGB + the SpectraCal C6 Colorimeter

Included Workflows:

- *Introduction* – contains a software tutorial that explains the basics of using CalMAN RGB and includes a full overview of the software's layout and navigational features.
- *Standard Calibration* – provides a complete and automated calibration for single or multiple monitors.

- *Advanced Calibration* – allows users to customize local or networked monitor calibrations. Includes advanced controls for setting brightness, color temperature, backlight and white balance. Also allows flexibility in setting custom calibration targets for colorspace and gamma.

Calibration Processes:

- *Pre and Post Capture* – measures display performance against selected standards before and after calibration.
- *1D LUT Calibration* – generates and stores a 1D look-up-table with correction data specific to the computer monitor's unique performance.
- *ICC Profile Calibration* – creates and stores an ICC profile, applied to the monitor's color performance in applications where ICC profiles are used.
- *Visual Verification* – displays pre and post calibration captures alongside target values so user can verify the results of the calibration.

Available Colorspace Targets:

- sRGB
- Adobe RGB
- L*
- Rec.709
- Rec.2020
- SMPTE C
- Black and White

Available Gamma Formulas:

- sRGB
- Power
- L*
- ITU/EBU Camera
- BT.1886
- Custom

Available Luminance Levels:

- Video (16-235)
- PC (0-255)

Compared to Competitors:

- Faster.
- More accurate.
- Greater customizability.
- Wider selection of settings and options.
- Upgrade options available.
- World-class customer service.

System Requirements:

Requirements for Windows – Microsoft Windows Vista SP3 with latest updates installed (recommended Windows 7 SP1 or higher), 2 GHz processor (recommended: 2 GHz dual core processor), 2 GB RAM (recommended 4 GB RAM), 2 GB available disk space.

Requirements for Macintosh running VMware Fusion with Windows installed – Macintosh Mac OS X 10.8 or higher with latest updates installed, Intel Core Duo processor, 2 GB RAM (recommended 4 GB RAM), 2 GB available disk space, VMware Fusion, Microsoft Windows Vista SP3 with latest updates installed (recommended: Windows 7 SP1 or higher).

About the SpectraCal C3 Colorimeter: The SpectraCal C3 Colorimeter provides highly accurate readings of flat panel displays, including LED, LCD and plasma. A perfect solution for the budget conscious – the SpectraCal C3 is not only fast, accurate and compact, but affordable as well.

About the SpectraCal C6 Colorimeter: The SpectraCal C6 Colorimeter is an exceptionally accurate meter, designed specifically for use with CalMAN software. Because the SpectraCal C6 is capable of interfacing with CalMAN, it is field upgradeable. In other words, as calibration tables for new display technologies (such as OLED and wide gamut) become available, the SpectraCal C6 does not need to be sent in to the manufacturer to have these new tables added. The SpectraCal C6 is the only meter in the world capable of updating via software in this way, and therefore is capable of supporting every display technology on the market.

About CalMAN RGB (Software Only): Versions of CalMAN RGB purchased without a meter can be used with the following light measurement devices:

- SpectraCal C3
- SpectraCal C6
- X-Rite i1Display Pro
- X-Rite i1Pro
- X-Rite i1Pro 2