

Major Advance in Monitor Calibration Software

Written by Roger Douglas
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SpectraCal releases what they claim is “the most powerful calibration software ever made available for personal computer monitors:” **CalMAN RGB**.

“We’ve been able to calibrate computer monitors precisely before,” Derek Smith, SpectraCal’s founder and Chief Technical Officer, explains “And there have been one-button monitor calibration solutions for a long time. What’s new is being able to do both. There’s never been a fast, automated solution that provides the level of accuracy CalMAN RGB delivers.”

For most users, calibrating a computer monitor with CalMAN RGB will be as simple as centering a meter on their screen and pushing a button.

CalMAN RGB coordinates **three levels of monitor correction**.

- First, using Direct Display Control (DDC), it adjusts the settings in the monitor itself.
- Second, it writes a corrective look-up table (LUT) into the video card via operating system interfaces to correct white balance and the black-to-white transition curve (usually referred to as gamma).
- Finally, it creates an ICC profile that applications can use to ensure color correctness.

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CalMAN RGB handles multiple monitors, and will automatically load the right profiles to the right monitors when, for example, a laptop is moved from a home environment with one secondary monitor to a work environment with another.

This new software was developed with the same technology as the company's high-end display calibration software used in environments such as medical imaging and video production.

The product is currently available for an introductory price of \$149 and is bundled with a SpectraCal C3 colorimeter.

Go [CalMAN RGB, Sold Directly from SpectraCal's Web Site](#)