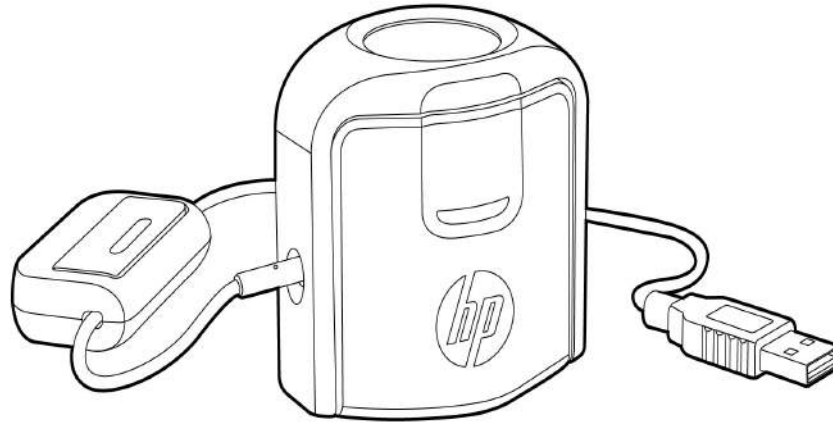


### Overview



#### Model

B1F63AA

#### Introduction

The HP DreamColor Calibration System (DCS) is an LCD monitor option designed for professional users who require precision color accuracy in their work output. It allows users to quickly and accurately calibrate monitor front-of-screen settings to prevent any drift of critical monitor color or whitepoint settings.

The kit contains a colorimeter and related software (for both Microsoft® Windows® and Apple Mac OS X) that provides a number of options for display calibration (whitepoint, gamma, and luminance).

The HP DCS will also ensure color matching on Video Wall Displays. In addition, it can be used to create monitor profiles for non-DreamColor displays.

#### Key Benefits

- Intuitive all-in-one design is very easy to use
- Blazing fast speed – measures 5X faster than previous devices
- Compact and self-contained for maximum portability
- Custom designed RGB filter set provides accurate color measurements
- New optical design allows for high repeatability on the same display and across different display types for more consistent color matching
- Rotatable diffuser arm can be used as a stand for table top projector profiling, ambient light measurement, and as a cover for instrument optics.

### Overview

#### Compatibility

The HP DCS can provide calibration for the HP Z24x, HP Z27x, HP DreamColor LP2480zx, the HP LD4730/LD4730G Video Wall Display, and HP ZBook and EliteBook Mobile Workstations with the DreamColor display option. It can also create monitor profiles for other HP business and consumer monitors.

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#### Calibration Software

The HP DreamColor Calibration System (DCS) comes with two CD's containing software to load on your computer. One CD is labeled for use with the HP DreamColor LP2480zx, HP ZBook and EliteBook Mobile Workstations with the DreamColor display option. Another CD is labeled is for use with the HP Z24x. (Software does not need to be loaded on your computer for the Z27x and HP LD4730/LD4730G Video Wall Display.)

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#### Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options).

### Technical Specifications

#### Specifications

<b>Dimensions (H x L x W)</b>	64.5mm x 39mm x 66mm	
<b>Weight</b>	<b>Measurement Device</b>	130g/ oz (includes USB cable and counterweight)
<b>Interface</b>	Powered by USB 2.0, no additional power required	
<b>Data format</b>	Luminance (cd/m <sup>2</sup> ), chromaticity, Coord. x, y (CIE 1931)	
<b>Refresh rate</b>	Monitor frequencies: 40 Hz to 150 Hz	
<b>Measurement range</b>	Black point:	0.02cd/m <sup>2</sup> , minimum
	White point	3000 cd/m <sup>2</sup> , maximum
	Illuminance:	Suitable for use in Graphic Display Proofing per ISO/CD 12646 Standard
<b>Accuracy</b>	Color = +/- 0.004 x,y @ 100cd/m <sup>2</sup> ; Luminance = +/- 4.0% @ 100cd/m <sup>2</sup>	
<b>Short-term repeatability</b>	Color = +/- 0.001 x,y @ 100cd/m <sup>2</sup> ; Luminance = +/- 1.0% @ 100cd/m <sup>2</sup> , Luminance Measurement Range: 0.1 cd/m <sup>2</sup> to 1,000 cd/m <sup>2</sup>	
<b>System requirements</b>	<b>Microsoft Windows</b>	<ul style="list-style-type: none"><li>● Windows 7 (32 or 64-bit)</li><li>● Windows 8 (32 or 64-bit)</li><li>● Windows 8.1 (32 or 64-bit)</li><li>● Intel® Pentium® 4 or AMD Athlon XP™ or better CPU</li><li>● Latest service packs installed</li><li>● 1GB of available RAM</li><li>● 300MB of available hard disk space</li><li>● Monitor resolution of 1024 x 768 pixels or higher</li><li>● Dual display support requires either 2 video cards or a dual head video card that supports dual video LUTs being loaded</li><li>● Powered USB port</li><li>● Network adaptor installed and driver loaded</li><li>● CD drive or high speed internet connection to download the software</li><li>● Internet connection required for software updates</li><li>● User must have administrator rights to install, uninstall the application</li></ul>
	<b>Mac</b>	<ul style="list-style-type: none"><li>● Intel® CPU</li><li>● Mac OS X 10.6, 10.7, 10.8 (with latest upgrades installed)</li><li>● 1GB of available RAM</li><li>● 300MB of available hard disk space</li><li>● Monitor resolution of 1024 x 768 pixels or higher</li><li>● Dual display support requires either 2 video cards or a dual head video card that supports dual video LUTs being loaded</li><li>● Powered USB port</li><li>● CD drive or high speed internet connection to download the software</li><li>● Internet connection for software updates</li><li>● User must have administrator rights to install, uninstall the application</li></ul>
	*The HP DreamColor Calibration System (DCS) does not support the Z24x with a Mac.	
<b>Ambient light check &amp; match</b>	Only on non-HP DreamColor displays. Not needed on DreamColor display due to the controlled user environment.	
<b>User mode</b>	Easy-to-Use Wizard Interface	
<b>Monitor gamma choices</b>	User-defined	
<b>White point setting</b>	User-defined	

### Technical Specifications

<b>Dual monitor matching</b>	Yes
<b>Luminance measurement</b>	Yes
<b>Profile support</b>	ICC 2, ICC 4, Matrix profiles
<b>Calibration reminder</b>	User-defined (1 to 4 weeks)

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