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datacolor S2E100

datacolor Spyder2 Express Monitor Calibration System User Manual

Model: S2E100

INTRODUCTION

The datacolor Spyder2 Express is an entry-level monitor calibration tool designed to ensure accurate color representation on your display. This system helps achieve consistent and reliable colors for various applications, particularly beneficial for digital photography and graphic design workflows. It supports CRT, LCD, and laptop displays.

PACKAGE CONTENTS

- Spyder2 Express Colorimeter Device
- Software Installation CD (or download instructions)
- USB Cable
- Quick Start Guide

SYSTEM REQUIREMENTS

- Operating System: Mac OS X, Windows XP (and compatible later versions)
- Available USB Port
- Monitor: CRT, LCD, or Laptop Display

SETUP INSTRUCTIONS

1. Prepare Your Monitor:

Before starting the calibration process, ensure your monitor has been powered on for at least 30 minutes to stabilize its output. If possible, reset your monitor's settings to factory defaults. Disable any automatic brightness or contrast adjustments.

2. Install Software:

Insert the provided software CD into your computer's optical drive, or download the latest software version

from the official datacolor website. Follow the on-screen instructions to complete the software installation. Restart your computer if prompted.

3. Connect the Spyder2 Express Device:

Connect the Spyder2 Express colorimeter to an available USB port on your computer. The system should automatically detect the device.



Image: The ColorVision Spyder2 Express device shown with its retail packaging. The device is a compact, tri-lobed sensor

OPERATING INSTRUCTIONS: MONITOR CALIBRATION

The Spyder2 Express software guides you through a straightforward calibration process. For optimal results, perform calibration in a room with consistent ambient lighting, ideally dim or dark.

1. Launch the Software:

Open the Spyder2 Express application from your desktop or applications folder.

2. Follow On-Screen Wizard:

The software will present a step-by-step wizard. You will be prompted to select your display type (CRT, LCD, or Laptop).

3. Position the Colorimeter:

Place the Spyder2 Express device directly onto your monitor screen at the designated area indicated by the software. Ensure it lies flat against the screen. For LCDs, avoid using suction cups if they could damage the screen. The device often includes a counterweight to help it stay in place.

4. Automatic Calibration:

The software will automatically begin the calibration process. This involves displaying a series of colors and measuring them with the device. Do not disturb the monitor or the device during this process.

5. Review Results:

Once calibration is complete, the software will allow you to view a "before-and-after" comparison, demonstrating the improvements in color accuracy and tonal response.

6. Save Profile:

Save the generated color profile. This profile will be automatically loaded by your operating system to ensure your monitor displays colors accurately.

Recommendation: Calibrate your monitor at least once a month to maintain optimal color accuracy, as display characteristics can drift over time.

MAINTENANCE

- Device Care:** Keep the Spyder2 Express device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using harsh chemicals or abrasive materials.
- Storage:** Store the device in a protective case or its original packaging when not in use to prevent damage to the optical sensor.
- Software Updates:** Periodically check the datacolor website for software updates to ensure compatibility with newer operating systems and to benefit from any performance enhancements.

TROUBLESHOOTING

- "Cannot find color profile" error:** This error can sometimes occur after calibration or system reboot. Try rebooting your computer again. Ensure the Spyder2 Express software is correctly installed and the color profile is saved and active in your display settings.
- Inaccurate or washed-out colors after calibration:**
 - Verify that your monitor's settings were reset to factory defaults before calibration.
 - Check your graphics card settings. Ensure that any previous color profiles or manual adjustments (e.g., Adobe Gamma) are disabled or reset to a standard profile before running the Spyder2 Express calibration. Conflicting profiles can lead to incorrect results.
 - Ensure the room lighting was consistent and dim during calibration.

- **Device not detected:**

- Ensure the USB cable is securely connected to both the device and the computer.
- Try connecting the device to a different USB port.
- Restart your computer.
- Reinstall the Spyder2 Express software.

- **Difficulty positioning the device on screen:** The device is designed to lay flat. Use the integrated counterweight. For some LCDs, a slight tilt of the monitor might be necessary to ensure the device sits flush against the screen. Avoid using suction cups on delicate LCD surfaces if not explicitly recommended.

SPECIFICATIONS

Model Number	S2E100
Dimensions	1.4 x 4.25 x 4.7 inches
Weight	3.19 ounces
Supported Displays	CRT, LCD, Laptop
Operating Systems	Mac OS X, Windows XP
Manufacturer	ColorVision (datacolor)

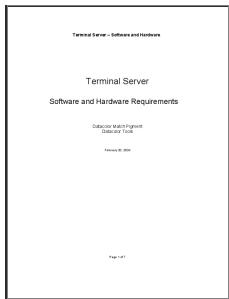
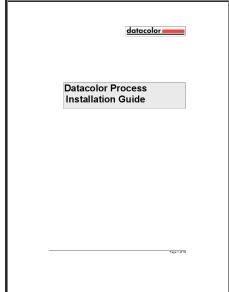
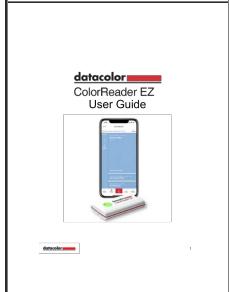
WARRANTY AND SUPPORT

The datacolor Spyder2 Express comes with a **two-year hardware warranty**. For technical support, software updates, or warranty claims, please visit the official datacolor website or contact their customer service department. Keep your proof of purchase for warranty validation.

Note: Product support and software compatibility may vary for older operating systems as the product has been discontinued.

Related Documents - S2E100

	<p><u>BenQ Palette Master Element LCD Monitor How to Use Guide</u></p> <p>A comprehensive guide on how to use BenQ's Palette Master Element software for calibrating LCD monitors, covering basic and advanced modes, connection types, and system requirements.</p>
	<p><u>Datacolor Paint 2: Creating Customer Files and Job Descriptions</u></p> <p>A guide to creating customer files and job descriptions within the Datacolor Paint 2 software, detailing the process of custom color matching, formulation, and customer record management.</p>

	<p>Datacolor Terminal Server Software and Hardware Requirements Guide</p> <p>This document outlines the essential software and hardware specifications for deploying Datacolor Match Pigment and Datacolor Tools within a Windows Server Terminal Services environment.</p>
	<p>Datacolor ColorReader Spectro CRS100 User Guide</p> <p>User guide for the Datacolor ColorReader Spectro (CRS100), a handheld, Bluetooth-enabled color measurement device for paint retailers. Learn about its features, operation, specifications, and how to achieve accurate color matching.</p>
	<p>Datacolor Process Installation Guide</p> <p>This guide provides detailed instructions for installing Datacolor Process software, covering system requirements, standalone and network configurations, Sybase installation, and step-by-step procedures for a successful setup.</p>
	<p>Datacolor ColorReader EZ User Guide: Accurate Color Measurement and Matching</p> <p>Comprehensive user guide for the Datacolor ColorReader EZ (Model DC10-3). Learn how to measure colors, use the mobile app for color matching, calibrate the device, and manage palettes for design and creative projects. Essential for professionals and hobbyists seeking accurate color solutions.</p>

Documents - datacolor – S2E100

no relevant documents