

datacolor CRM110

Datacolor ColorReader EZ 2025 Version User Manual

Model: CRM110

Portable Paint Color Matching Tool

INTRODUCTION

The Datacolor ColorReader EZ 2025 Version is a portable device designed to simplify color matching for various applications, from home improvement to creative projects. It accurately scans colors from surfaces and provides precise color data, including CIELAB, RGB, and HEX values, along with matching paint options from leading brands. This manual provides essential information for setting up, operating, and maintaining your ColorReader EZ.

WHAT'S IN THE BOX

- ColorReader EZ device
- Two (2) removable CR2032 batteries
- Instructions

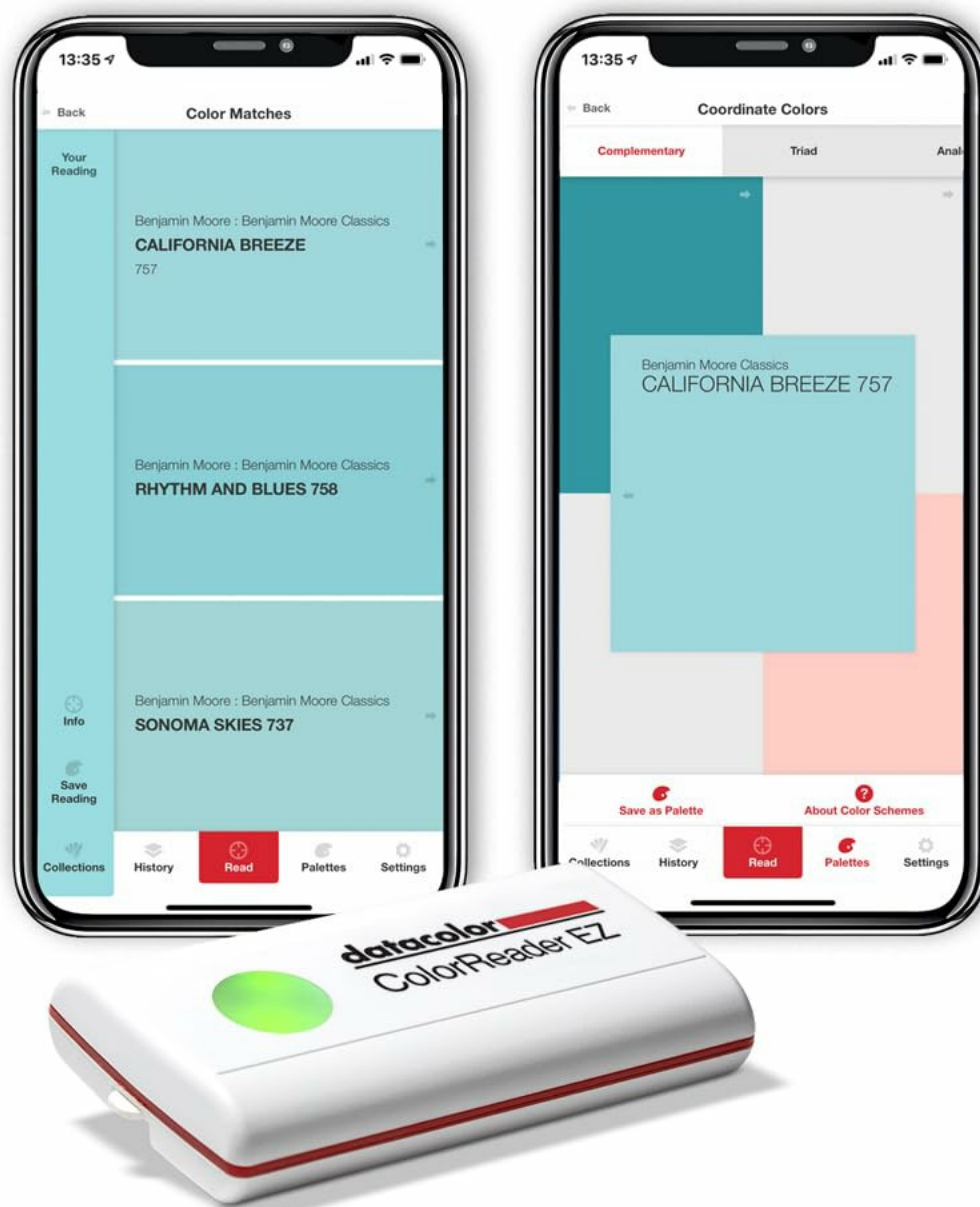


Image: The ColorReader EZ device, a compact white rectangular unit with a green light indicator, shown alongside its packaging.

SETUP

1. Battery Installation

The ColorReader EZ requires two CR2032 coin cell batteries (included). To install or replace batteries, locate the battery compartment on the device, open it, insert the batteries with the correct polarity, and close the compartment securely.

2. App Download and Installation

The ColorReader EZ operates in conjunction with a mobile application. Download the official ColorReader app from your device's app store:

- For iOS devices: Search for "ColorReader" in the Apple App Store.
- For Android devices: Search for "ColorReader" in the Google Play Store.

Ensure your mobile device meets the system requirements: Android 6.0+ or iOS 9.3+ with Bluetooth 4.0 or higher.

3. Bluetooth Connection

1. Ensure Bluetooth is enabled on your mobile device.
2. Open the ColorReader app.
3. Follow the on-screen prompts within the app to pair your ColorReader EZ device. The device will typically be detected automatically when powered on and within range.

4. Initial Calibration

Before first use, and periodically thereafter, calibrate your ColorReader EZ for optimal accuracy. The device features a built-in hinged calibration tile that doubles as a lens cap.

1. Flip the hinged calibration tile to cover the lens.
2. Gently press down on the hinge to ensure a secure connection.
3. Within the app, navigate to the calibration section and follow the instructions to complete the calibration process. This typically takes only a few seconds.

Advanced devices are subject to color shifts over time

Our integrated calibration tile and smart reminders make recalibration quick and effortless—just seconds for long-term accuracy.

For best results, gently press down on the hinge during calibration to ensure a secure connection.



Image: A visual guide demonstrating the calibration process, highlighting the hinged calibration tile and the corresponding app interface.

OPERATING INSTRUCTIONS

1. Scanning a Color

1. Ensure the device is connected to the app via Bluetooth.
2. Open the aperture of the ColorReader EZ.
3. Place the device flat against the surface you wish to scan, ensuring the lens is completely covered by the surface.
4. Press the measure button on the device. The app will display the scanned color and its data.

Paint color match options from leading paint brands

Identify matching paints (brand availability varies by region)



Image: A three-step visual guide illustrating the color matching process: scanning an object, viewing the match in the app, and exploring coordinating colors.

2. Viewing Color Data and Matches

Once a scan is complete, the app will instantly provide detailed color information:

- **CIELAB, RGB, and HEX Values:** Precise numerical definitions of the scanned color.
- **Paint Matches:** The app identifies the closest paint colors from leading paint brands. Brand availability may vary by region.



Tips for Best Results



Use on flat,
solid colors



Avoid glossy
or textured
surfaces



Place device
flat against
surface

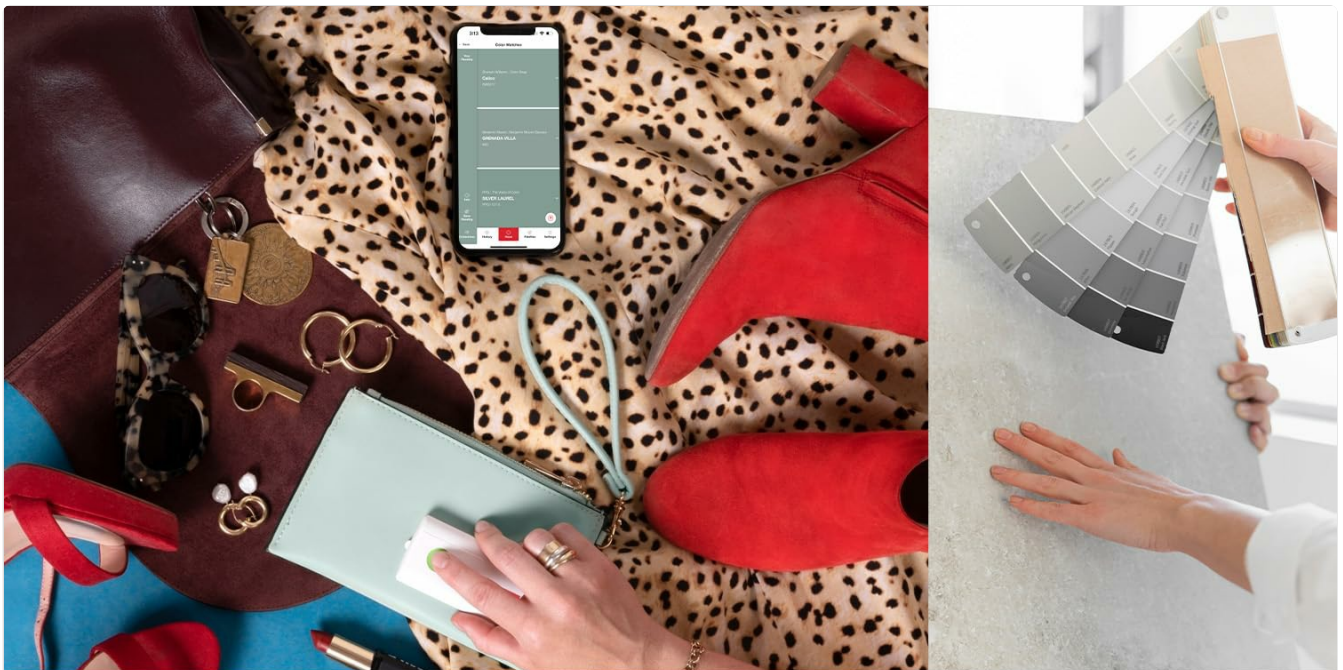


Avoid paint
touch-ups.
Wall-to-wall
recommended

Image: A flat lay showing the ColorReader EZ scanning a surface, surrounded by paint brushes, rollers, and paint samples, with a smartphone displaying paint match options.

3. Exploring Coordinating Colors

The app allows you to explore complementary color options and various color palette schemes based on your scanned hue, providing inspiration for design ideas.



Datacolor ColorReader EZ

Best used for capturing inspiration colors



Scan an
object



Get closest
paint color
match instantly



Order
Sample peel
& stick sample



Paint

Now with improved results

Image: The ColorReader EZ device positioned between two smartphone screens, one displaying color match results and the other showing coordinating color palettes.

4. Saving and Sharing Colors

You can save and label your favorite colors within the app for quick reference. Colors can also be easily shared with friends, family, or your paint store directly from your phone. Sharing the color name and number helps ensure the closest match.

Save, label and share your favorite colors

Get quick reference and easily share with friends, family – or your paint store – right from your phone.

Share the color name and number to ensure the closest match.



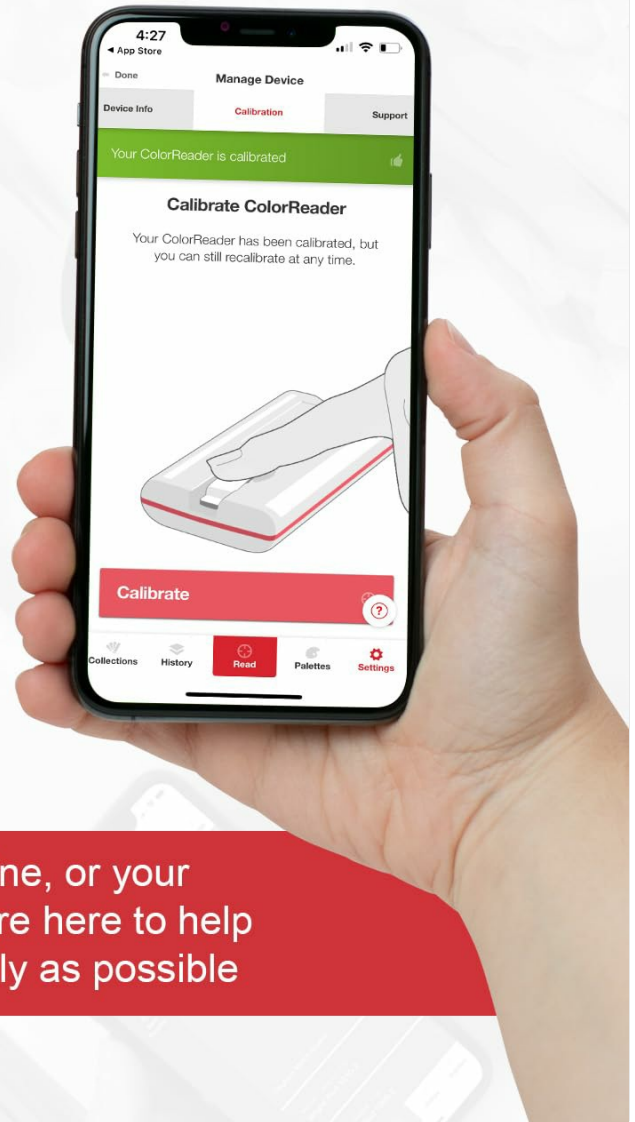
Image: A smartphone screen displaying the ColorReader EZ app interface with options to save, label, and share scanned colors.

5. Tips for Best Results

- **Prep Your Surface:** Make sure the surface is clean, dry, and free of dust or smudges for accurate readings.
- **Choose Matte Over Gloss:** Glossy or reflective surfaces can distort color readings. Scan matte finishes for best results.
- **Scan in Good Lighting:** Use the device in a well-lit area to ensure consistent results, even though it blocks ambient light.
- **Use on Solid Colors:** Avoid scanning patterns, gradients, or textured surfaces. The device works best on solid, uniform colors.
- **Place Device Flat Against Surface:** Ensure the device is placed firmly and flat against the surface to prevent light leakage and ensure accurate readings.
- **Avoid Paint Touch-ups:** For repainting, avoid spot touch-ups. Paint the full wall as paint fades over time and won't match new paint exactly.

Why calibration is important

- ✓ Devices can shift in color accuracy over time
- ✓ Built-in hinged calibration tile doubles as a lens cap
- ✓ App reminds users when it's time to recalibrate
- ✓ Just flip the tile, hold down, and tap calibrate – done in seconds
- ✓ Ensures consistent, reliable performance



Colors age over time — like fine wine, or your favorite jeans. They change, but we're here to help you match what you've got, as closely as possible

Image: A visual summary of tips for achieving the best results with the ColorReader EZ, including using flat, solid colors and avoiding glossy or textured surfaces.

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Video: This video demonstrates how the Datacolor ColorReader EZ can be used for product photography, showcasing its ability to accurately match colors of objects like cutlery to paint, ensuring consistent color schemes for visual content. It highlights the process of scanning, obtaining color data, and mixing paint to match.

MAINTENANCE

1. Recalibration

Advanced devices like the ColorReader EZ can experience slight shifts in color accuracy over time. The integrated calibration tile and smart reminders within the app make recalibration quick and effortless. Follow the app prompts to calibrate your device periodically for long-term accuracy. For best results, gently press down on the hinge during calibration to ensure a secure connection.

2. Cleaning

To maintain optimal performance, keep the device's lens and exterior clean. Use a soft, dry, lint-free cloth to gently wipe the surfaces. Avoid using abrasive cleaners or solvents.

3. Battery Replacement

When the device's performance diminishes or the app indicates low battery, replace the two CR2032 batteries as described in the Setup section. The device is battery-operated for convenience and long-lasting performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate color readings	Device not calibrated; improper surface contact; unsuitable surface type (glossy, textured, patterned); poor lighting.	Recalibrate the device. Ensure full contact with the surface. Scan on flat, matte, solid-colored surfaces in good lighting.
Device not connecting to app	Bluetooth is off; device out of range; low battery; app issue.	Ensure Bluetooth is on and device is close. Check battery level and replace if needed. Restart the app and/or your mobile device.
App not displaying paint matches	No internet connection; paint brand not supported in your region; app data issue.	Ensure stable internet connection. Note that brand availability varies by region. Try restarting the app.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please refer to the support section of the ColorReader app or contact Datacolor customer support.

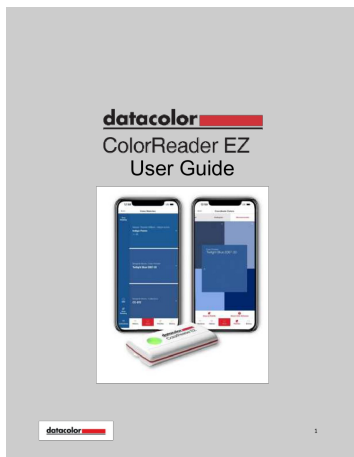
SPECIFICATIONS

Feature	Detail
Model Number	CRM110
Product Dimensions	3.3 x 1.7 x 0.6 inches
Weight	2.89 ounces
Batteries	2 CR2032 batteries (included)
Connectivity	Bluetooth 4.0 or higher
System Requirements	Android 6.0+ or iOS 9.3+
Manufacturer	datacolor
First Available	April 18, 2025

WARRANTY AND SUPPORT

For warranty information and detailed support, please refer to the documentation included with your ColorReader EZ device or visit the official Datacolor website. You can also access support resources directly through the ColorReader mobile application. For direct assistance, contact Datacolor customer support.

Documents - datacolor – CRM110



[\[pdf\]](#) Quick Start Guide Installation Guide Guide

Arleen Barningham User Guide You can use Datacolor ColorReader EZ to quickly and accurately measure samples find the closest color match in a fan deck collection stored on mobile CRM110 EN Final datacolor colorreader 2025 05 |||

User Guide 1 Rev B, May 2025 All efforts have been made to ensure the accuracy of the information ... To replace: Pull out the battery tray inserted in the back end of the device. o Model DC10-3 SKU: **CRM110** Insert tool such as a screwdriver to release battery tray and pull out tray o Model DC10-...

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[\[pdf\]](#) Frequently Asked Questions

Lydia Fedos Insert tool such as a screwdriver to release battery tray and pull outModel DC10 3 SKU CRM110 out Model CRM100 Pull battery ColorReader EZ FAQs EN FINALdatacolor colorreader 2025 05 ColorReader FINAL |||

Can I use ColorReader EZ with either an iPhone™ or Android™ phone Yes you can download the Color ... ss pulling out the piece like a drawer that houses the two, CR2032 batteries. Model DC10-3 SKU: **CRM110** Insert tool such as a screwdriver to release battery tray and pull out tray Model DC10-3...

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