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Sigma 311954

Sigma 50mm F1.4 Art DG HSM Lens for Canon: Instruction Manual

Model: 311954 | Brand: Sigma

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Sigma 50mm F1.4 Art DG HSM Lens for Canon EF mount. Designed for exceptional optical performance, this lens is a versatile tool for various photographic applications. Please read this manual thoroughly before using your lens to ensure optimal results and longevity.

KEY FEATURES

- **50mm Focal Length:** Provides a natural perspective, ideal for portraits and general photography.
- **F1.4 Maximum Aperture:** Excellent for low-light conditions and creating shallow depth of field with beautiful bokeh.
- **Hyper Sonic AF Motor (HSM):** Ensures fast, quiet, and accurate autofocus performance.
- **Full-Time Manual Focusing:** Allows for manual focus adjustments even in autofocus mode.
- **Art Line Design:** Part of Sigma's Global Vision Art line, known for its high optical performance and expressive capabilities.
- **Three Special Low Dispersion (SLD) Elements:** Minimizes chromatic aberrations for superior image quality.
- **Floating System & Large Diameter Design:** Contributes to high image quality across the entire focus range.
- **Compatible with Sigma USB Dock:** Allows for firmware updates and fine-tuning of focus settings.
- **77mm Filter Thread:** Accommodates standard filters.

PACKAGE CONTENTS

- Sigma 50mm F1.4 Art DG HSM Lens
- Lens Hood (LH830-02)
- Front Lens Cap
- Rear Lens Cap
- Soft Case

SETUP

Attaching the Lens to Your Camera

1. Remove the rear lens cap from the Sigma 50mm F1.4 Art lens and the body cap from your Canon EF-mount camera.
2. Align the red dot on the lens barrel with the red dot on your camera's lens mount.
3. Insert the lens into the camera mount and rotate it clockwise until it clicks into place. Ensure the lens is securely locked.



Image: Sigma 50mm F1.4 Art DG HSM Lens attached to a Canon camera body.



Image: Rear view of the Sigma 50mm F1.4 Art DG HSM Lens, showing the mount and electronic contacts.

Attaching the Lens Hood

1. Align the lens hood with the front of the lens.
2. Twist the hood clockwise until it locks into place. The hood helps to prevent flare and protect the front element of the lens.



Image: Sigma 50mm F1.4 Art DG HSM Lens with the included lens hood attached.

OPERATING THE LENS

Focus Modes (AF/MF)

The lens features an AF/MF switch on its barrel. Slide the switch to **AF** for autofocus or **MF** for manual focus. In AF mode, full-time manual focusing is available, allowing you to fine-tune focus manually after autofocus has been achieved.



Image: Side view of the Sigma 50mm F1.4 Art DG HSM Lens, highlighting the AF/MF focus mode switch.

Aperture Control

The lens offers a wide aperture range from F1.4 to F16. The F1.4 maximum aperture is particularly useful for achieving a shallow depth of field, isolating your subject from the background, and for shooting in challenging low-light conditions.

Using the Sigma USB Dock (Optional)

This lens is compatible with the Sigma USB Dock (sold separately). The USB Dock allows users to update lens firmware, adjust focus settings, and customize other parameters via Sigma Optimization Pro software. This is particularly useful for fine-tuning autofocus accuracy.

IMAGE QUALITY AND PERFORMANCE

The Sigma 50mm F1.4 Art lens is renowned for its exceptional image quality. It delivers outstanding sharpness and contrast, even at its widest aperture of F1.4. The large maximum aperture also contributes to a beautiful, creamy bokeh, making it an excellent choice for portrait photography where subject isolation is desired. Its ability to gather significant light makes it highly effective in low-light environments, reducing the need for high ISO settings and preserving image detail.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the lens elements. For stubborn smudges, use a lens cleaning solution specifically designed for optical glass.

- **Storage:** Store the lens in a cool, dry place away from direct sunlight and extreme temperatures. Always attach the front and rear lens caps when not in use.
- **Handling:** Avoid dropping or subjecting the lens to strong impacts.

TROUBLESHOOTING

Autofocus Fine-Tuning

Some users may experience slight autofocus inaccuracies depending on their camera body. The Sigma USB Dock and Optimization Pro software can be used to perform micro-adjustments to the autofocus system at various focal distances, ensuring precise focus. Refer to the Sigma website or the USB Dock manual for detailed instructions on this process.

SPECIFICATIONS

Specification	Value
Focal Length	50mm
Maximum Aperture	F1.4
Minimum Aperture	F16
Lens Type	Standard
Compatible Mountings	Canon EF
Filter Thread Size	77mm
Angle of View (35mm)	46.8°
Item Weight	1.8 pounds
Product Dimensions	3.9 x 3.4 x 3.4 inches
Item Model Number	311954
Manufacturer	Sigma Corporation of America

WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Sigma Corporation of America website. Keep your purchase receipt as proof of purchase for any warranty claims.