

[Manuals.plus](#) /

› [Sigma](#) /

› Sigma 24-35mm F2.0 Art DG HSM Lens for Canon User Manual

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Model: 24-35mm F2.0 Art DG HSM

INTRODUCTION

The Sigma 24-35mm F2.0 Art DG HSM Lens for Canon is a high-performance zoom lens designed for full-frame Canon DSLR cameras. This lens is part of Sigma's acclaimed Art line, known for its optical quality and robust construction. It offers a constant F2.0 aperture throughout its zoom range, providing excellent low-light performance and shallow depth of field capabilities.

Key features include:

- Covers 24mm, 28mm, and 35mm focal lengths, offering the versatility of multiple prime lenses in one.
- Features 18 elements in 13 groups, including low dispersion and special low dispersion elements, to minimize aberrations and ensure high image quality.
- Equipped with a Hyper Sonic Motor (HSM) for fast, quiet, and accurate autofocus.
- Nine rounded aperture blades contribute to attractive, smooth bokeh.



Front view of the Sigma 24-35mm F2.0 Art DG HSM Lens, showcasing its robust build and focal length markings.

SETUP

Before using your Sigma 24-35mm F2.0 Art DG HSM Lens, ensure it is properly attached to your Canon EF mount camera body.

1. **Attaching the Lens:** Align the red or white index mark on the lens barrel with the corresponding mark on your camera's lens mount. Rotate the lens clockwise until it clicks into place.
2. **Removing the Lens:** While pressing the lens release button on your camera body, rotate the lens counter-clockwise until it stops, then detach it.
3. **Attaching the Lens Hood:** The lens comes with a petal-shaped lens hood. Align the hood with the front of the lens and twist it clockwise until it locks. The hood helps to prevent flare and protect the front element.

4. **Filter Attachment:** The lens accepts 82mm filters. Carefully screw the filter onto the front thread of the lens.



OPERATING THE LENS

This section details the primary functions and controls of your Sigma 24-35mm F2.0 Art DG HSM Lens.

Autofocus (AF) / Manual Focus (MF) Switch

Locate the AF/MF switch on the side of the lens barrel. Slide the switch to 'AF' for autofocus operation or 'MF' for manual focus. In AF mode, the Hyper Sonic Motor (HSM) provides fast and quiet focusing. For precise adjustments, you can often override autofocus manually even when the switch is set to 'AF' (Full-time Manual Focus).

Zoom Ring

The wide, ribbed ring closer to the camera body is the zoom ring. Rotate this ring to adjust the focal length between 24mm and 35mm. The current focal length is indicated by the white line against the numerical scale.

Focus Ring

The narrower, ribbed ring closer to the front of the lens is the focus ring. In MF mode, rotate this ring to achieve sharp focus. The distance scale on the lens barrel indicates the current focus distance in feet and meters.

Aperture Control

The aperture (f-number) is controlled via your camera body. This lens features a constant maximum aperture of F2.0 across its entire zoom range, allowing for consistent exposure and depth of field control. The minimum aperture is F16.

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Video demonstrating the use of the Sigma 24-35mm F2.0 Art DG HSM Lens by a wedding photographer, highlighting its versatility and image quality for various shooting scenarios.

MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Sigma lens.

- **Cleaning the Lens:** Use a soft, lint-free cloth or a lens brush to remove dust from the lens surfaces. For smudges or fingerprints, use a specialized lens cleaning solution and a clean microfiber cloth. Avoid touching the glass elements directly with your fingers.
- **Storage:** When not in use, store the lens with both front and rear caps attached in a cool, dry place away from direct sunlight and extreme temperatures. Using a desiccant can help prevent mold growth in humid environments.
- **Handling:** Avoid dropping or subjecting the lens to strong impacts. Do not force any moving parts.



Close-up view of the front element of the Sigma 24-35mm F2.0 Art DG HSM Lens, illustrating the multi-layer coating designed to reduce flare and ghosting.

TROUBLESHOOTING

If you encounter issues with your lens, refer to the following common problems and solutions:

- **Autofocus Not Working:** Ensure the AF/MF switch on the lens is set to 'AF'. Check your camera's focus mode settings. Clean the electrical contacts on both the lens and camera body with a clean, dry cloth.
- **Images Are Blurry:** Verify that the lens is properly focused. Check your camera's shutter speed to ensure it's fast enough to prevent motion blur, especially in low light. Ensure the lens is clean and free from smudges.
- **Lens Not Recognized by Camera:** Remove the lens and reattach it, ensuring it clicks securely into place. Turn the camera off and on again. If the issue persists, consult your camera's instruction

manual.

- **Unusual Noises:** If the lens makes unusual noises during operation, discontinue use and contact customer support.

For more detailed troubleshooting, consult your camera's instruction manual or the official Sigma support resources.

SPECIFICATIONS

Feature	Specification
Brand	Sigma
Model Name	588954
Focal Length	24-35mm
Maximum Aperture	F2.0
Minimum Aperture	F16
Lens Mount	Canon EF
Compatible Camera Models	Canon EF mount
Lens Design	Zoom
Focus Type	Auto Focus (HSM)
Number of Diaphragm Blades	9 (rounded)
Image Stabilization	Optical (Not specified as built-in, but generally refers to the lens's capability)
Lens Coating	Multi Layer Coating
Filter Size	82mm
Item Weight	2 Pounds (approx. 907g)
Included Accessories	Lens, Lens Hood, Lens Caps

WARRANTY

This Sigma lens comes with a 4-year warranty. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official Sigma website.

SUPPORT

For technical assistance, service, or additional information regarding your Sigma 24-35mm F2.0 Art DG HSM Lens, please contact Sigma customer support through their official website or the contact information provided in your product packaging.

