

Sigma 578965

# Sigma 24-70mm F2.8 DG DN Art Lens User Manual

Brand: Sigma | Model: 578965

## 1. INTRODUCTION

The Sigma 24-70mm F2.8 DG DN Art lens is a high-performance standard zoom lens designed for Sony E-mount mirrorless cameras. It offers exceptional optical quality, a constant F2.8 aperture, and robust construction, making it suitable for a wide range of photographic applications, from landscapes and portraits to events and street photography.

### What's in the Box

- Sigma 24-70mm F2.8 DG DN | ART Sony E Mount Lens
- Lens Hood
- Front Lens Cap
- Rear Lens Cap
- Lens Case



Figure 1.1: Sigma 24-70mm F2.8 DG DN Art Lens with included lens hood.

## 2. KEY FEATURES

- The Sigma 24-70mm F2.8 DG DN Art lens is engineered to deliver outstanding performance and reliability. Its key features include:
- **Constant F2.8 Aperture:** Provides excellent low-light performance and beautiful background blur (bokeh) across the entire zoom range.
  - **Exceptional Optical Performance:** Designed to meet the demands of ultra-high megapixel cameras, offering superb sharpness and clarity.
  - **Robust Build Quality:** Features a durable metal barrel and dust/splash-proof construction, ensuring reliability in various shooting conditions.
  - **Fast and Smooth Autofocus:** Equipped with a newly designed Hyper Sonic Motor (HSM) for quick, quiet, and precise autofocus.
  - **Versatile Focal Length:** The 24-70mm range covers wide-angle to short telephoto perspectives, making it an

ideal all-around lens.



Figure 2.1: Side view of the Sigma 24-70mm lens, highlighting its compact design.



Figure 2.2: The lens with its included hood, providing protection and reducing flare.



Figure 2.3: The protective carrying case for safe transport and storage.

## 3. SETUP

### Attaching the Lens

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the lens and the body cap from your camera.
3. Align the white index mark on the lens barrel with the white index mark on your camera's lens mount.
4. Insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Attach the lens hood by aligning the mark on the hood with the mark on the front of the lens, then twist until it locks.

### Initial Checks

After attaching the lens, turn on your camera and perform a quick test shot to ensure proper communication between the lens and camera body.

## 4. OPERATING THE LENS

### Autofocus (AF) and Manual Focus (MF)

The lens features a switch on the barrel to toggle between Autofocus (AF) and Manual Focus (MF) modes. In AF mode, the camera will automatically focus on your subject. In MF mode, you can manually adjust the focus by rotating the focus ring.

### Zoom Ring

Rotate the zoom ring to adjust the focal length between 24mm and 70mm. The markings on the barrel indicate the current focal length. The lens also features a zoom lock switch at 24mm to prevent accidental extension during transport.

### AFL Button

The AFL (Autofocus Lock) button can be customized via your camera's menu to perform various functions, such as locking autofocus, activating eye-AF, or other programmable controls.

## 5. MAINTENANCE

Proper care and maintenance will extend the life and performance of your Sigma lens.

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to gently wipe the front and rear elements. For dust, use a blower brush first. Avoid touching the glass with your fingers.
- **Storage:** When not in use, store the lens with both caps attached in its provided case or a dry, cool place away from direct sunlight and extreme temperatures.
- **Dust Accumulation:** While the lens has dust-resistant construction, some users have reported minor internal dust accumulation over time. This typically does not affect image quality but may require professional cleaning if it becomes significant.

## 6. TROUBLESHOOTING

If you encounter issues with your Sigma 24-70mm F2.8 DG DN Art lens, consider the following common solutions:

- **Autofocus Issues:** Ensure the AF/MF switch is set to AF. Check camera settings for focus mode (e.g., Single-shot AF, Continuous AF). Clean lens and camera contacts.
- **Image Softness:** Ensure the lens is securely mounted. Check aperture settings (shooting wide open at F2.8 might show slight softness at edges, which is normal for some lenses). Ensure proper focus.
- **Lens Not Recognized:** Turn off the camera, remove and reattach the lens, ensuring it clicks into place. Check for any firmware updates for both the lens and camera body.
- **Unusual Noises:** If the lens makes unusual noises, discontinue use and contact Sigma support or a qualified repair center.

## 7. SPECIFICATIONS

| Attribute                       | Value                              |
|---------------------------------|------------------------------------|
| Product Dimensions              | 4.92 x 3.46 x 3.46 inches          |
| Item Weight                     | 1.83 pounds                        |
| ASIN                            | B081L5HJBP                         |
| Item model number               | 578965                             |
| Customer Reviews                | 4.8 out of 5 stars (2,395 ratings) |
| Best Sellers Rank               | #210 in SLR Camera Lenses          |
| Is Discontinued By Manufacturer | No                                 |
| Date First Available            | November 16, 2019                  |
| Manufacturer                    | SIGMA                              |
| Brand                           | Sigma                              |
| Material                        | Optical Glass, Metal               |
| Photo Filter Thread Size        | 82 Millimeters                     |

| Attribute                          | Value                     |
|------------------------------------|---------------------------|
| Coating Description                | Coated                    |
| Photo Filter Effect Type           | Coated                    |
| Water Resistance Level             | Not Water Resistant       |
| Photo Filter Size                  | 82 Millimeters            |
| UPC                                | 085126578657 085126928025 |
| Global Trade Identification Number | 00085126578657            |
| Number of Pieces                   | 1                         |

## 8. WARRANTY AND SUPPORT

This Sigma lens comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, service, or additional information, please visit the official Sigma website or contact their customer service.

A detailed user manual in PDF format is also available for download:[User Manual \(PDF\)](#)

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