

[Manuals.plus](#) /

› [MEKE](#) /

› Meike 50mm F1.7 Full Frame Manual Focus Prime Lens Instruction Manual for Nikon Z Mount Cameras

MEKE 8595777156

Meike 50mm F1.7 Full Frame Manual Focus Prime Lens Instruction Manual

Model: 8595777156

INTRODUCTION

The Meike 50mm F1.7 Full Frame Manual Focus Prime Lens is designed for Nikon Z Series Full Frame Cameras, including models Z5, Z6, Z7, Z30, and Z50. This lens features a large aperture of F1.7, providing high light intensity for precise recording even in challenging low-light conditions. Its multi-layered optical construction and durable metal body ensure high-quality performance and comfortable handling. This lens is suitable for various photography styles, including product, portrait, and landscape photography.



Figure 1: Front view of the Meike 50mm F1.7 Full Frame Manual Focus Prime Lens.

PRODUCT OVERVIEW



Figure 2: The Meike 50mm F1.7 lens showcasing its aperture and manual focus rings.



Manual Focus Lens

Full-Frame 50mm F/1.7



Figure 3: Various angles of the Meike 50mm F1.7 lens, highlighting its compact design.

Nikon Z Mount Lens

Standard Fixed focus Lens Fit Nikon Z mount.



Figure 4: The Meike 50mm F1.7 lens attached to a Nikon Z series camera, demonstrating its fit.

■ Accessories



Figure 5: The Meike 50mm F1.7 lens displayed with its lens hood and lens caps.

SETUP

1. **Mounting the Lens:** Align the white dot on the lens barrel with the white dot on your Nikon Z series camera body. Gently twist the lens clockwise until it clicks into place.
2. **Camera Settings for Manual Lens:** As this is a fully manual lens, you must enable the "Release SHUTTER W/O LENS" option in your camera's custom functions menu. Refer to your camera's instruction manual for specific steps to access and enable this setting.

OPERATING THE LENS

Manual Focus

The manual focus ring is located towards the front of the lens. It offers a smooth rotation with approximately 90 degrees of travel from minimum focus distance to infinity. This travel distance allows for precise focusing, especially when shooting at wide apertures. For optimal manual focusing, utilize your camera's focus peaking and magnification features.

Note: When focusing to infinity, the ring can turn slightly past the infinity mark. For perfectly sharp distant subjects, turn the ring to the end and then slightly back until the subject is in sharp focus using your camera's focus aids.

Aperture Control

The aperture ring is positioned at the very front of the lens. It is a de-clicked aperture ring, meaning it rotates smoothly without distinct clicks between aperture stops. This design is particularly beneficial for videographers as it allows for seamless aperture adjustments during video recording without audible clicks. Photographers can also appreciate the smooth control for fine-tuning depth of field.

The aperture range is F1.7 to F22.

IMAGE QUALITY CHARACTERISTICS

Sharpness

The lens delivers impressive sharpness, particularly in the center of the frame, even at its maximum aperture of F1.7. For even greater sharpness, stopping down the aperture slightly to F2 or F2.8 will yield excellent results. Corner sharpness improves significantly when stopped down to F4 or F5.6.

Vignetting

Some vignetting (darkening of the corners) is present at the maximum aperture of F1.7. This effect gradually reduces as the aperture is stopped down, becoming minimal or absent around F4.

Distortion

Minor barrel distortion may be observed in specific test conditions, such as shooting brick walls. However, in typical real-world photography scenarios, distortion is generally not noticeable.

Lens Flare and Contrast

While the lens features multi-layer coatings, it may exhibit noticeable lens flare and a reduction in contrast when a strong light source is directly in front of the lens. To minimize flare, use the included lens hood and consider stopping down the aperture. Avoiding direct strong light sources in the frame can also help maintain contrast.

Bokeh

The F1.7 aperture allows for beautiful shallow depth of field and pleasing bokeh (background blur). At wider apertures, a slight swirly bokeh effect may be observed in the corners, which can add a unique character to images. This effect diminishes when stopped down to F2.8 or narrower.

ACCESSORIES

The Meike 50mm F1.7 lens comes with a reversible lens hood and front/rear lens caps. The reversible design of the lens hood allows for compact storage when not in use, by attaching it in reverse onto the lens barrel.

SPECIFICATIONS

Feature	Detail
Focal Length	50mm
Maximum Aperture	F1.7

Feature	Detail
Minimum Aperture	F22
Lens Construction	6 elements in 5 groups, multi-layer coatings
Filter Size	52mm
Compatible Mountings	Nikon Z (Z5, Z6, Z7, Z30, Z50)
Full-frame Visual Angle	Diagonal 46.5°, Horizontal 39.2°, Vertical 23.6°
Product Dimensions	4.1 x 3 x 2.6 inches
Item Weight	15.2 ounces
Item Model Number	8595777156

MAINTENANCE

- Keep the lens caps on when the lens is not in use to protect the front and rear elements from dust and scratches.
- Clean the lens elements with a soft, lint-free cloth specifically designed for optical surfaces. Use a lens cleaning solution sparingly if necessary.
- Avoid exposing the lens to extreme temperatures or humidity. Store it in a dry, cool place.

TROUBLESHOOTING

- **Cannot take pictures:** Ensure the "Release SHUTTER W/O LENS" option is enabled in your camera's custom functions menu.
- **Images are blurry:** Verify that the manual focus is correctly set. Utilize your camera's focus peaking and magnification features for precise focus. Ensure the aperture is appropriate for your desired depth of field.
- **Excessive lens flare:** Attach the lens hood. Try to reposition your camera to avoid direct strong light sources entering the lens. Stop down the aperture to reduce the effect.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official Meike website. Keep your proof of purchase for warranty claims.