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Minolta FBA_2677118

Minolta Maxxum AF 85mm 1:1.4 F1.4 Lens User Manual

Model: FBA_2677118

1. Introduction

Thank you for choosing the Minolta Maxxum AF 85mm 1:1.4 F1.4 Lens. This high-quality telephoto lens is designed for exceptional sharpness and beautiful bokeh, making it ideal for portrait photography and low-light conditions. This manual will guide you through the proper use and care of your lens to ensure its longevity and optimal performance.



Figure 1.1: The Minolta Maxxum AF 85mm 1:1.4 F1.4 Lens, shown with its accompanying lens hood and front/rear caps. This image provides a comprehensive view of the lens and its primary accessories.

2. Setup

2.1 Attaching the Lens to Your Camera

1. Ensure both the camera and the lens are powered off.
2. Remove the rear lens cap from the lens and the body cap from your camera.
3. Align the mounting index (usually a white dot or line) on the lens with the corresponding index on your camera body.
4. Insert the lens into the camera's lens mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Remove the front lens cap.

2.2 Attaching the Lens Hood

The lens hood helps to prevent flare and ghosting caused by stray light entering the lens. It also offers some physical protection to the front element.

- Align the lens hood with the front of the lens.
- Twist the hood clockwise until it locks securely into place.



Figure 2.1: A detailed view of the Minolta 85mm lens with the lens hood properly attached, demonstrating how the hood extends from the front of the lens to block unwanted light.

3. Operating the Lens

3.1 Autofocus Operation

This lens features autofocus (AF) capabilities. Ensure your camera's focus mode is set to AF. The lens will

automatically focus when the shutter button is half-pressed.

3.2 Manual Focus Operation

To use manual focus (MF), set your camera's focus mode to MF. Rotate the focusing ring on the lens to adjust the focus manually. The focusing ring is located towards the front of the lens barrel.



Figure 3.1: A direct front view of the Minolta 85mm lens, highlighting the large front optical element and the 72mm filter thread diameter. The clear glass indicates good optical condition.

3.3 Aperture Control

The aperture (f-stop) is controlled via your camera body. This lens has a wide maximum aperture of f/1.4, allowing for excellent low-light performance and shallow depth of field.

4. Maintenance

4.1 Cleaning the Lens

- **Lens Elements:** Use a lens blower to remove dust. For smudges or fingerprints, use a clean, soft microfiber cloth specifically designed for optics, along with a small amount of lens cleaning solution. Apply solution to the cloth, not directly to the lens.
- **Lens Barrel:** Wipe the lens barrel with a soft, dry cloth. Avoid using harsh chemicals or solvents.



Figure 4.1: An angled view of the Minolta 85mm lens's front element, showcasing the multi-coating reflections. This perspective highlights the quality of the glass and its ability to manage light.

4.2 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. Consider using a dehumidified storage cabinet if you live in a humid environment.

5. Troubleshooting

- **Lens not attaching to camera:** Ensure the mounting index marks are aligned and that you are rotating the lens in the correct direction until it clicks. Do not force it.
- **Autofocus not working:** Check that your camera is set to AF mode. Ensure the lens is securely attached. Clean the electrical contacts on both the lens mount and camera body with a clean, dry cloth.
- **Image quality issues (e.g., blurry images):** Verify that the lens elements are clean. Check your camera's focus settings and ensure you are focusing correctly. Ensure the lens is securely mounted and not loose.



Figure 5.1: The rear view of the Minolta 85mm lens, clearly showing the metal lens mount and the electronic contacts. These contacts facilitate communication between the lens and the camera body for autofocus and aperture control.

6. Specifications

Feature	Specification
Brand	Minolta
Model Number	FBA_2677118
Focal Length	85 mm
Lens Type	Telephoto
Compatible Mountings	Sony A
Item Weight	1.23 pounds
Package Dimensions	8.27 x 5.04 x 4.96 inches
ASIN	B00009R8O4

7. Warranty and Support

For information regarding warranty coverage and technical support, please refer to the documentation provided with your original purchase or visit the official Minolta support website. Keep your proof of purchase for any warranty claims.

Minolta Official Website: Visit the Minolta Store on Amazon

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