Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Minolta Maxxum Zoom Lens

Minolta Maxxum AF 70-210mm F/4 Telephoto Zoom Lens User Manual

Introduction

This manual provides detailed instructions for the proper use, care, and maintenance of your Minolta Maxxum AF 70-210mm F/4 Telephoto Zoom Lens. Designed for compatibility with Sony Alpha mount cameras, this lens offers a versatile 3x zoom range and a constant f/4 maximum aperture, making it suitable for a variety of photographic applications. Please read this manual thoroughly to ensure optimal performance and longevity of your lens.

Setup

Attaching the Lens

To attach the lens to your camera body:

1. Ensure both the camera and lens are clean and free of dust.
2. Align the red dot on the lens barrel with the corresponding red dot on your camera's lens mount.
3. Gently insert the lens into the camera mount.
4. Rotate the lens clockwise until it clicks securely into place. Do not force the lens.



Rear view of the Minolta Maxxum AF 70-210mm F/4 lens, illustrating the lens mount and electrical contacts for proper attachment to a camera body.

Operating the Lens

Zoom Function

The Minolta Maxxum AF 70-210mm F/4 lens features a 3x zoom range, allowing you to adjust your focal length from 70mm (wide-angle telephoto) to 210mm (long telephoto). To zoom, rotate the zoom ring located on the lens barrel. The focal length markings (70, 100, 150, 210) indicate the current setting.



Side view of the Minolta Maxxum AF 70-210mm F/4 lens, highlighting the zoom ring and focal length markings.

Aperture Control

This lens maintains a constant maximum aperture of f/4 across its entire zoom range. Aperture control is managed through your camera body. Refer to your camera's instruction manual for details on setting the aperture (f-stop) to control depth of field and exposure.

Focusing

The lens supports autofocus (AF) when used with compatible Sony Alpha cameras. For manual focusing, switch your camera to MF (Manual Focus) mode and rotate the focusing ring on the lens until your subject appears sharp in the viewfinder or on the LCD screen. The lens also features a focus distance scale.



Front view of the Minolta Maxxum AF 70-210mm F/4 lens, displaying the front optical element and the 55mm filter thread.

Maintenance and Care

Proper maintenance ensures the longevity and performance of your 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 applied to a microfiber cloth, never directly to the lens.
- **Storage:** When not in use, store the lens with both front and rear caps attached in a dry, cool place away from direct sunlight and extreme temperatures. Consider using a desiccant packet in humid environments.
- **Handling:** Avoid dropping or subjecting the lens to strong impacts. Do not touch the glass elements with your fingers.
- **Environmental Protection:** Protect the lens from rain, moisture, and excessive dust.

Troubleshooting

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Lens not attaching securely	Misalignment of mounting marks; obstruction on mount.	Ensure red dots are aligned. Check for debris on lens or camera mount.
Autofocus not working	Camera set to manual focus; dirty electrical contacts; lens not fully attached.	Switch camera to AF mode. Clean lens and camera contacts with a dry cloth. Re-attach lens.
Images are blurry	Incorrect focus; camera shake; dirty lens elements.	Check focus mode and adjust. Use a faster shutter speed or tripod. Clean lens surfaces.
Purple fringing or chromatic aberration	Inherent optical characteristic, especially wide open.	Stop down the aperture (e.g., to f/5.6 or f/6.3). Post-process images to reduce fringing.

Technical Specifications

Feature	Detail
Brand	Minolta
Model Number	Maxxum Zoom Lens
Focal Length	70-210 millimeters
Maximum Aperture	f/4 (constant)
Lens Type	Telephoto Zoom
Compatible Mountings	Sony A
Filter Size	55mm
Item Weight	1.05 pounds
Package Dimensions	6.7 x 5.4 x 4.4 inches
Date First Available	October 28, 2007

Warranty and Support

For information regarding warranty coverage, service, or technical support for your Minolta Maxxum AF 70-210mm F/4 Telephoto Zoom Lens, please refer to the original purchase documentation or contact Minolta customer service. Keep your proof of purchase for any warranty claims.

© 2024 Minolta. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B000XYIIP2

More documents and user manuals: **https://manuals.plus/**