

[Manuals.plus](#) /

› [Minolta](#) /

› Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens Instruction Manual

Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens

Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens Instruction Manual

Model: MC Rokkor-X PF 1:1.7 F=50mm Camera Lens

1. INTRODUCTION

This manual provides essential information for the proper use, care, and maintenance of your Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens. Please read this manual thoroughly to ensure optimal performance and longevity of your lens.

2. PRODUCT OVERVIEW

The Minolta MC Rokkor-X PF 1:1.7 F=50mm is a manual focus prime lens designed for Minolta cameras. It features a fast f/1.7 aperture, making it suitable for low-light conditions and achieving shallow depth of field. The lens is known for its robust construction and optical quality.



Figure 2.1: Front view of the Minolta MC Rokkor-X PF 1:1.7 F=50mm lens. This image displays the front optical element, the 'MC ROKKOR-X PF' designation, '1:1.7 f=50mm' aperture and focal length, and the serial number '4217757'. The 'LENS MADE IN JAPAN' inscription is also visible.



Figure 2.2: Angled view of the Minolta MC Rokkor-X PF 1:1.7 F=50mm lens. This perspective highlights the textured grip of the focus ring

and the aperture ring, along with the lens barrel markings.

Key Features:

- Minolta MC mount
- 50mm fixed focal length
- Fast f/1.7 maximum aperture
- Manual focus operation
- Robust construction

3. SETUP

Attaching the Lens:

1. Ensure your camera is powered off.
2. Align the red or white index mark on the lens barrel with the corresponding mark on your camera's lens mount.
3. Gently insert the lens into the camera mount.
4. Rotate the lens clockwise (or counter-clockwise, depending on your camera model) until it clicks into place, indicating it is securely locked.

This lens is designed for Minolta MC mount cameras. If using with a different camera system, an appropriate adapter (e.g., Minolta MD to M 4/3 adapter for Panasonic G7, or Fotodiox Pro MD-SN(A) for Sony A37) will be required. Ensure the adapter is compatible and securely attached.



Figure 3.1: Rear view of the Minolta MC Rokkor-X PF 1:1.7 F=50mm lens. This image shows the lens mount, which connects to the camera body, and the rear optical element.

Removing the Lens:

1. Ensure your camera is powered off.
2. Press and hold the lens release button on your camera body.
3. Rotate the lens counter-clockwise (or clockwise) until it detaches from the camera mount.
4. Immediately attach a rear lens cap to protect the rear element and mount.

4. OPERATING THE LENS

This is a manual lens, meaning focus and aperture must be adjusted manually.



Figure 4.1: Side view of the Minolta MC Rokkor-X PF 1:1.7 F=50mm lens. This image clearly shows the aperture ring with f-stop values (1.7, 2.8, 4, 5.6, 8, 11, 16) and the focus ring with distance markings in meters and feet.

Focusing:

- Rotate the focus ring (the wider, textured ring) until your subject appears sharp in the viewfinder or on your camera's display.
- For precise focusing, especially with fast apertures, utilize your camera's focus aids such as focus peaking or magnification if available.
- The minimum focus distance for this lens is approximately 1.75 feet (0.5 meters).

Adjusting Aperture:

- Rotate the aperture ring (the narrower ring closer to the camera body) to select your desired f-stop.
- A smaller f-number (e.g., f/1.7) indicates a wider aperture, allowing more light and creating a shallower depth of field.
- A larger f-number (e.g., f/16) indicates a narrower aperture, allowing less light and creating a deeper depth of field.

Exposure:

Since this is a manual lens, your camera may need to be set to a manual (M) or aperture-priority (A) mode to properly

meter and expose images. Consult your camera’s manual for specific settings when using manual lenses.

5. MAINTENANCE

Cleaning the Lens:

- Use a blower brush to remove dust and loose particles from the lens surfaces.
- For smudges or fingerprints, apply a small amount of lens cleaning solution to a clean microfiber cloth and gently wipe the lens in a circular motion from the center outwards.
- Never apply cleaning solution directly to the lens element.
- Avoid touching the lens elements with your fingers.

Storage:

- Always attach front and rear lens caps when the lens is not in use.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- Consider using a dehumidifying cabinet or silica gel packets in humid environments to prevent fungus growth.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Lens Flare/Glare:** This vintage lens may exhibit flare or glare, especially when shooting into direct light. This can sometimes be used for artistic effect. To minimize, use a lens hood or adjust your shooting angle.
Solution: Use a compatible lens hood or reposition to avoid direct light sources.
- **Soft Images:** If images appear soft, ensure accurate manual focus. Shooting wide open at f/1.7 can result in a very shallow depth of field, making precise focus critical.
Solution: Practice manual focusing, use camera focus aids, or stop down the aperture (e.g., to f/2.8 or f/4) for increased depth of field.
- **No Communication with Camera:** As a fully manual lens, it does not electronically communicate with the camera body. This is normal.
Solution: Set your camera to manual (M) or aperture-priority (A) mode and adjust exposure settings manually.
- **Lens Not Attaching Securely:** Ensure the lens mount and camera mount are clean and free of obstructions. Verify that the lens is rotated until it clicks into place.
Solution: Re-align and re-attach the lens carefully. If using an adapter, ensure the adapter is correctly mounted to both the lens and camera.

7. SPECIFICATIONS

Feature	Specification
Brand	Minolta
Model Number	MC Rokkor-X PF 1:1.7 F=50mm Camera Lens
Focal Length	50 mm
Maximum Aperture	f/1.7
Lens Type	Standard Prime

Compatible Mountings	Minolta Alpha (MC Mount)
Minimum Focus Distance	Approximately 1.75 feet (0.5 meters)
Item Weight	7.2 ounces
Package Dimensions	3.4 x 2.9 x 2.5 inches

8. WARRANTY INFORMATION

Specific warranty details for vintage lenses like the Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens may vary depending on the seller and condition at the time of purchase. Please refer to your purchase documentation or contact your retailer for information regarding any applicable warranty.

9. SUPPORT

For technical assistance or inquiries regarding your Minolta MC Rokkor-X PF 1:1.7 F=50mm Camera Lens, please contact the retailer from whom you purchased the product. For general information about Minolta products, you may visit the official Minolta website or authorized service centers.

© 2023 Minolta. All rights reserved. Information subject to change without notice.

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