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Minolta Maxxum 70

Konica Minolta Maxxum 70 35mm SLR Camera Instruction Manual

Model: Maxxum 70

Introduction

This manual provides essential instructions for the safe and effective operation of your Minolta Maxxum 70 35mm SLR camera, equipped with a 28-100mm lens. Please read this manual thoroughly before using the camera to ensure proper handling and to maximize your photographic experience.



Image: The Minolta Maxxum 70 35mm SLR camera, shown with the included 28-100mm zoom lens attached. The camera body is black, featuring the Minolta logo and Maxxum 70 model designation.

Setup

1. Battery Installation

The Minolta Maxxum 70 requires specific batteries for operation. Locate the battery compartment, typically on the bottom or side of the camera body. Insert the batteries according to the polarity indicators (+/-) inside the compartment. Close the cover securely.

2. Lens Attachment

1. Align the red or white mounting index on the lens barrel with the corresponding index on the camera body's lens mount.
2. Gently insert the lens into the camera body.
3. Rotate the lens clockwise (or counter-clockwise, depending on the mount) until it clicks into place, indicating it is securely locked.
4. To remove the lens, press the lens release button on the camera body and rotate the lens in the opposite direction until it detaches.

3. Film Loading

1. Open the camera back by sliding the film door release latch.
2. Place a 35mm film cassette into the film chamber.
3. Pull the film leader across to the film take-up spool, ensuring it engages with the sprocket teeth.
4. Close the camera back firmly until it latches. The camera will automatically advance the film to the first frame.

Operating Instructions

1. Power On/Off

Locate the power switch, typically near the shutter button. Slide or rotate it to the "ON" position to power on the camera. To conserve battery life, switch the camera to "OFF" when not in use.

2. Focusing

- **Autofocus (AF):** The Maxxum 70 features a 9-point AF sensor system. Half-press the shutter button to activate autofocus. The camera will automatically select focus points and achieve focus. A focus confirmation indicator in the viewfinder will illuminate when focus is achieved.
- **Manual Focus (MF):** To use manual focus, switch the lens or camera to MF mode. Rotate the focusing ring on the lens until the subject appears sharp in the viewfinder. The camera provides a focusing indicator (a small green dot) in the viewfinder that illuminates when the subject is in focus, even in manual mode.

3. Exposure Modes

The Maxxum 70 offers various exposure modes, selectable via the mode dial:

- **Program AE (P):** The camera automatically sets both aperture and shutter speed for optimal exposure.
- **Shutter-Priority AE (S):** You set the shutter speed, and the camera automatically selects the appropriate aperture.
- **Aperture-Priority AE (A):** You set the aperture, and the camera automatically selects the appropriate shutter speed.
- **Manual Exposure (M):** You manually set both aperture and shutter speed. Use the exposure meter in the viewfinder as a guide.
- **Subject Programs:** Dedicated modes for specific scenes like portraits, landscapes, sports, close-ups, etc., which optimize settings for those conditions.

4. Built-in Flash

The camera features a powerful built-in flash (Guide Number 52.5 feet). The flash will automatically pop up and fire in low-light conditions or when deemed necessary by the camera in automatic modes. You can also manually activate or deactivate the flash depending on the selected exposure mode and camera settings.

5. Taking a Picture

1. Frame your subject through the viewfinder.
2. Half-press the shutter button to activate autofocus and exposure metering.
3. Once focus is confirmed and exposure is set, fully press the shutter button to take the picture.
4. The camera will automatically advance the film to the next frame.

6. Film Rewind

Once all frames on the film roll have been exposed, the camera will typically initiate automatic film rewind. If manual rewind is required, locate the film rewind button or lever and activate it. Wait until the rewind process is complete before opening the camera back.

Maintenance

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to gently wipe the lens surfaces. Avoid touching the lens with bare fingers.
- **Cleaning the Camera Body:** Wipe the camera body with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the camera.
- **Storage:** Store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries to prevent leakage.
- **Film Handling:** Always load and unload film in subdued light to prevent accidental exposure.

Troubleshooting

- **Lens Shadows in Photos:** If you observe dark corners or shadows in your photos, especially when using the built-in flash, ensure that any lens hood or sun shade is removed from the lens. Lens hoods are designed to block stray light but can obstruct the flash's path at wide angles.
- **Difficulty with Manual Focus:** The Maxxum 70 provides a clear focusing indicator (a solid green dot) in the viewfinder to confirm precise focus in manual mode. If you are having difficulty, ensure you are looking for this indicator rather than solely relying on visual sharpness.
- **Camera Not Powering On:** Check battery installation and ensure batteries are fresh and correctly oriented.
- **Film Not Advancing:** Verify that the film is correctly loaded and engaged with the take-up spool. Ensure the camera back is securely closed.

For more detailed troubleshooting, refer to the comprehensive manual that originally accompanied your camera or consult Minolta's official support resources.

Specifications

- **Model Name:** Maxxum 70
- **Film Format Type:** 35mm
- **Lens:** 28-100mm zoom lens (included with this model)
- **Autofocus System:** Fast, precise 9-point AF sensor system with advanced AF focus-point indication.
- **Built-in Flash:** Powerful (GN52.5 in feet) for low-light shooting.
- **Shutter Type:** Focal Plane Shutter

- **Body Construction:** High-grade for balanced, responsive handling.
- **Dimensions (L x W x H):** Approximately 10.4 x 5.3 x 4.9 inches
- **Item Weight:** Approximately 2.5 pounds
- **Special Feature:** Built-in Flash
- **UPC:** 043325021749

Warranty and Support

For information regarding warranty coverage, service, or additional technical support for your Minolta Maxxum 70 camera, please refer to the warranty card included with your purchase or visit the official Minolta support website. Keep your proof of purchase for warranty claims.

Ask a question about this manual

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