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Olympus OM-10

Olympus OM-10 35mm SLR Film Camera User Manual

Model: OM-10

Introduction

This manual provides detailed instructions for the proper use and care of your Olympus OM-10 35mm SLR Film Camera. Please read this manual thoroughly to ensure optimal performance and longevity of your camera.

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Video Description: An overview video demonstrating the key features and design of the Olympus OM-10 35mm SLR film camera.

Setup

1. Unpacking

Carefully remove the camera body and lens from the packaging. Verify that all components are present: Olympus OM-10 Camera Body and OM-mount Lens.

2. Battery Installation

The Olympus OM-10 requires two LR44 batteries for its light meter and electronic functions.

1. Locate the battery compartment cover on the bottom of the camera body.
2. Use a coin to turn the battery compartment cover counter-clockwise until it can be removed.
3. Insert two LR44 batteries, ensuring the positive (+) side faces upwards as indicated inside the compartment.
4. Replace the cover and turn it clockwise with a coin until securely fastened.



Image Description: Top-right view of the Olympus OM-10 camera, showing the power switch with 'CHECK' position for battery status.

3. Lens Attachment

To attach the OM-mount lens to the camera body:

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the red dot on the lens barrel with the red dot on the camera's lens mount.
3. Insert the lens into the mount and rotate it clockwise until it clicks into place. Do not force the lens.



Image Description: Front view of the Olympus OM-10 35mm SLR film camera with a manual focus OM mount lens correctly attached.

4. Film Loading

The OM-10 uses standard 35mm film cartridges.

1. Open the camera back by pulling up the film rewind knob until the back door springs open.
2. Place the film cartridge into the film chamber on the left side of the camera.
3. Pull the film leader across the film gate and insert its tip into one of the slots on the take-up spool on the right.
4. Advance the film slightly using the film advance lever to ensure the film perforations engage with the sprockets.
5. Close the camera back firmly until it latches.
6. Advance the film two blank frames, pressing the shutter release each time, to ensure the film is properly wound and to reach the first usable frame. The frame counter will indicate the current frame number.



Image Description: Interior view of the Olympus OM-10 camera with the film door open, showing the film chamber and take-up spool for film loading.

Operating the Camera

1. Power On/Off and Battery Check

The main switch, often integrated with the shutter release, controls the camera's power and light meter. To check battery power, set the main switch to 'CHECK'. If the battery is sufficient, a red LED in the viewfinder will illuminate.

2. Setting Film Speed (ISO/ASA)

The ISO dial is typically located around the film rewind knob. Rotate this dial to match the ISO (or ASA) speed of the film you are using. This setting is crucial for accurate light meter readings.



Image Description: Top-left view of the Olympus OM-10 camera, showing the ISO dial for setting film sensitivity.

3. Exposure Modes

- **Automatic (Aperture Priority)**: Set the exposure mode dial to 'AUTO'. In this mode, you select the lens aperture, and the camera automatically sets the correct shutter speed based on its built-in light meter.
- **Manual (with Adapter)**: For full manual control over both aperture and shutter speed, an optional OM-10 Manual Adapter is required. Attach this adapter and set the exposure mode dial accordingly to manually select shutter speeds.

4. Focusing

Look through the viewfinder. Rotate the focusing ring on the lens until your subject appears sharp and clear. The OM-10 typically features a split-image or microprism focusing aid in the center of the viewfinder to assist with precise focusing.



Image Description: Close-up of the Olympus OM-10 camera lens, clearly showing the textured focus ring and the aperture ring with f-stop markings.

5. Setting Aperture

Rotate the aperture ring on the lens to select your desired f-stop. A smaller f-number (e.g., f/2.8) indicates a wider aperture, allowing more light and creating a shallower depth of field. A larger f-number (e.g., f/16) indicates a smaller aperture, allowing less light and creating a greater depth of field.

6. Taking a Picture

1. Compose your shot through the viewfinder.
2. Focus on your subject.
3. Ensure your exposure settings (aperture, and shutter speed if in manual mode) are appropriate.
4. Gently press the shutter release button all the way down to take the photograph.

7. Film Advance

After each shot, advance the film by pushing the film advance lever (located on the top right of the camera) fully to the

right. This winds the film to the next frame and cocks the shutter for the next exposure.

8. Self-Timer

To use the self-timer, set the self-timer lever (usually on the front of the camera or integrated with the power switch) to the self-timer position. Press the shutter release button, and the camera will delay firing the shutter for approximately 12 seconds.

9. Rewinding Film

Once you have exposed all frames on the roll of film:

1. Press the film rewind release button, typically located on the bottom plate of the camera.
2. Fold out the crank on the film rewind knob and turn it clockwise. You will feel resistance as the film rewinds. Continue turning until the resistance lessens, indicating the film has fully rewound into its cartridge.
3. Open the camera back and remove the film cartridge.

Maintenance

1. Cleaning the Lens

Use a soft lens brush or a can of compressed air to remove dust particles. For smudges or fingerprints, use a clean microfiber lens cloth and a small amount of lens cleaning fluid. Apply fluid to the cloth, not directly to the lens, and wipe gently in a circular motion from the center outwards.

2. Cleaning the Camera Body

Wipe the camera body with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Avoid using solvents or abrasive cleaners. Use a soft brush to clean crevices and around buttons.

3. Storage

When not in use, store your Olympus OM-10 in a cool, dry, and dust-free environment. It is advisable to remove the batteries if the camera will not be used for an extended period to prevent leakage.

Troubleshooting

- **Camera not firing:** Check if the film advance lever has been fully operated. Ensure batteries are correctly installed and charged. The shutter may be locked; check the main switch position.
- **Light meter not working:** Verify batteries are installed correctly and have sufficient charge. Ensure the camera is powered on. Check the ISO setting.
- **Film not advancing:** Ensure the film leader is properly attached to the take-up spool and the film perforations are engaged with the sprockets. The film may have reached its end.
- **Film rewind knob spins freely but film is not rewinding:** The film may have detached from the take-up spool. Ensure the rewind release button is pressed.

Specifications

Feature	Specification
Model Name	Olympus OM-10

Film Type	35mm Film
Lens Mount	Olympus OM-mount
Exposure Control	Automatic (Aperture Priority), Manual (with optional adapter)
Metering Description	Center Weighted
Shutter Speed	Automatic (approx. 1s to 1/1000s), Manual (with adapter)
ISO Range	25-1600 (manual setting)
Focus Type	Manual Focus
Viewfinder	Optical, Pentaprism
Flash Sync Speed	1/60th of a second
Self Timer	12 seconds
Battery Type	2 x LR44 Alkaline
Item Weight	1.4 pounds (approx.)
Dimensions	Compact SLR design

Warranty

This Olympus OM-10 camera comes with a**90-day limited warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for any warranty claims.

Support

For further assistance or if you encounter issues not covered in this manual, please refer to the seller's support channels. Always handle your camera with care to ensure its longevity and optimal performance.

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