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Lomography Z440LCA

Lomography LC-A MINITAR-1 Art Lens 2.8/32 M User Manual

Model: Z440LCA

INTRODUCTION

The Lomography LC-A MINITAR-1 Art Lens is a 32mm f/2.8 prime lens designed to bring the distinctive visual characteristics of the classic LC-A camera to M-mount camera systems. This lens is engineered for vivid colors, pronounced vignettes, and a unique aesthetic. It features a 4-step zone focusing system for rapid adjustments and a bright f/2.8 maximum aperture, making it suitable for various photographic conditions, including low-light environments.

PRODUCT OVERVIEW



A close-up view of the Lomography LC-A MINITAR-1 Art Lens. The lens features a black barrel with white markings for aperture settings (f/2.8 to f/22) and focus distances (0.8m, 1.5m, INF 3). The front element shows a purple reflection. The lens name 'LOMO LC-A MINITAR-1 Art Lens 2.8/32 M' is inscribed around the barrel.

Key Features:

- **Focal Length:** 32mm fixed focal length for wide-angle perspectives.
- **Maximum Aperture:** Bright f/2.8 for excellent low-light performance and shallow depth of field.
- **Focusing System:** Super-fast 4-step zone focusing with a tab for quick distance estimation.
- **Optical Design:** Retro-focusing wide-angle optic design, ultra-compact.
- **Rangefinder Coupling:** Ensures precise focusing with compatible rangefinder cameras.
- **Vignetting:** Features rectilinear correction to produce characteristic vignetting, a signature of the Minitar-1.
- **Color Reproduction:** Complex lens coating developed for rich and saturated colors.
- **Mount Compatibility:** Directly compatible with Leica M-mount cameras.

PACKAGE CONTENTS

Upon opening the package, please ensure all items are present and in good condition:

- Lomography LC-A MINITAR-1 Art Lens 2.8/32 M
- Front Lens Cap
- Rear Lens Cap

SETUP

Mounting the Lens

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the MINITAR-1 Art Lens and the body cap from your camera.
3. Align the red dot on the lens barrel with the corresponding mounting mark on your camera body.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks securely into place. Do not force the lens.
5. Replace the front lens cap when the lens is not in use.

Note on Adapters: While directly compatible with Leica M-mount cameras, this lens can be used with Sony E, Nikon Z, and Canon R cameras by utilizing appropriate adapter mounts available from Lomography or third-party manufacturers. Ensure the adapter is securely attached to both the lens and the camera body.

OPERATING THE LENS

Focusing

The MINITAR-1 Art Lens features a 4-step zone focusing system, designed for quick and intuitive focusing. To focus:

- Estimate the distance to your subject.
- Rotate the focus tab on the lens barrel to align with the corresponding distance marker (e.g., 0.8m, 1.5m, INF 3) that best matches your estimated distance.
- For cameras with rangefinder coupling, the lens will provide precise focusing feedback through the camera's rangefinder mechanism.

Aperture Control

The lens features an aperture ring with markings from f/2.8 to f/22. To adjust the aperture:

- Rotate the aperture ring to select your desired f-stop.
- A wider aperture (smaller f-number like f/2.8) allows more light into the camera, suitable for low-light conditions and creating a shallow depth of field.
- A narrower aperture (larger f-number like f/22) reduces the amount of light and increases the depth of field, keeping more of the scene in focus.

MAINTENANCE

Cleaning the Lens

Proper cleaning helps maintain optical performance:

- Use a blower brush to remove dust and loose particles from the lens elements and body.
- For smudges or fingerprints, apply a small amount of lens cleaning solution to a clean microfiber lens cloth and gently wipe the lens surface in a circular motion. Avoid applying solution directly to the lens.
- Clean the lens body with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

Storage

When not in use, store the lens properly:

- Always attach both the front and rear lens caps to protect the optical elements.
- 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 mold growth.

TROUBLESHOOTING

Common Issues and Solutions:

- **Lens not mounting securely:** Ensure the red alignment dots on the lens and camera body are correctly matched and that no obstructions are present in the mount. Rotate until a click is heard.
- **Images appear blurry:** Verify that the focus tab is set to the correct distance for your subject. For rangefinder cameras, ensure the rangefinder patch is properly aligned.
- **Dark corners (Vignetting):** This is a characteristic feature of the MINITAR-1 Art Lens, designed to enhance the unique aesthetic of your images. It is not a defect.
- **Dust on images:** Check both the front and rear lens elements for dust. Use a blower brush to remove any particles. If dust persists, it may be on your camera's sensor, which requires professional cleaning.

TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	Z440LCA
Brand	Lomography
Focal Length	32mm
Maximum Aperture	f/2.8
Lens Type	Prime, Standard
Compatible Mountings	Leica M-mount (adapters available for Sony E, Nikon Z, Canon R)
Focusing System	4-step zone focusing, Rangefinder coupled
Image Stabilization	No
Autofocus	No (Manual Focus only)
Weather Sealing	No

Specification	Detail
Item Weight	1.01 pounds (approx. 458g)
Package Dimensions	5.91 x 4.02 x 2.36 inches (approx. 15 x 10.2 x 6 cm)

WARRANTY AND SUPPORT

Warranty Information

This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official Lomography website for detailed terms and conditions regarding warranty coverage, duration, and claims procedures.

Customer Support

For technical assistance, service, or inquiries regarding your Lomography LC-A MINITAR-1 Art Lens, please contact Lomography customer support directly. Contact information can typically be found on the official Lomography website or in the product packaging.