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TTartisan TTartisan 40mm F2.8

TTartisan 40mm F2.8 Macro Lens User Manual

For Fuji X-Mount Cameras

1. INTRODUCTION

This manual provides comprehensive instructions for the TTartisan 40mm F2.8 Macro Lens. Please read this manual thoroughly before using the lens to ensure proper operation and to maximize its performance. This lens is designed for Fuji X-Mount cameras, including models such as X-A1, X-A10, X-A2, X-A3, X-M1, X-T1, X-T3, X-T10, X-T2, X-T20, X-T30, X-Pro1, X-Pro2, X-E1, X-E2, and X-E3.



Image 1.1: The TTArtisan 40mm F2.8 Macro Lens and included accessories.

2. WHAT'S INCLUDED

Upon opening your package, please verify that all the following items are present:



Image 2.1: Visual representation of the items included in the package.

- 1 * TTArtisan 40mm F2.8 Macro Lens

- 1 * Front Lens Cap
- 1 * Rear Lens Cap
- 1 * Package box
- 1 * Lens Cleaning Cloth
- 1 * Lens bag

3. KEY FEATURES

The TTArtisan 40mm F2.8 Macro Lens offers several features designed to enhance your photography experience:



Image 3.1: Overview of the lens's primary features.

3.1. Compact Design

This lens features a lightweight, full-metal body weighing approximately 371g. Its compact and versatile design makes it suitable for both general portrait photography and dedicated macro photography.



Image 3.2: Examples of photography possible with the compact design, including portraits and macro shots.

3.2. 1X Magnification

The TTArtisan 40mm F2.8 offers a 1:1 life-size maximum magnification, allowing for detailed close-up shots. It features a minimum focusing distance of 17cm. The manual focus design includes focus and depth of field scales for precise control.



Image 3.3: The lens extended for 1:1 magnification, illustrating its macro capability.

3.3. Ideal Aperture

A bright f/2.8 maximum aperture is suitable for various lighting conditions and contributes to smooth, pleasing bokeh. The lens incorporates an 11-blade diaphragm for circular out-of-focus highlights.

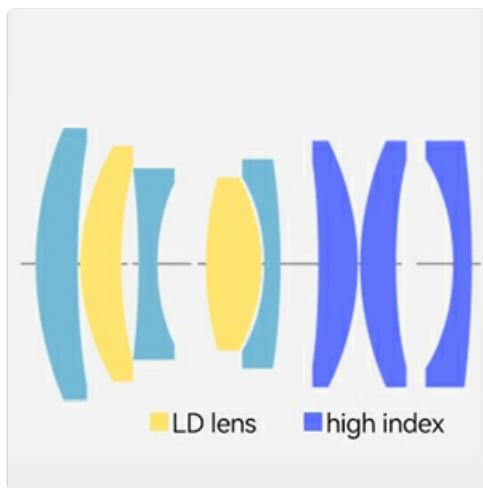


Image 3.4: The f/2.8 aperture, demonstrating the lens's light-gathering capability.

3.4. Multi-Layer Coating

The lens elements feature a multi-layer coating that reduces the impact of flares and ghosting effects. This coating ensures excellent image quality and contrast from the center to the periphery of the image.



Image 3.5: A macro shot demonstrating the clarity and contrast provided by the multi-layer coating.

3.5. Creative Lens Cap

Unlike traditional snap-on lens caps, the TTArtisan 40mm F2.8 macro lens features a screw-on metal lens cap. This design provides secure protection for the front element with a single rotation.



Image 3.6: The screw-on metal lens cap for enhanced protection.

3.6. Clicked Aperture Ring

The aperture ring is designed with distinct clicks, providing tactile feedback for each full-stop adjustment from F/2.8 to F/16. This allows for precise and consistent aperture control without needing to look at the lens.



Image 3.7: The clicked aperture ring for precise control.

4. SETUP

4.1. Attaching the Lens

1. Remove the rear lens cap from the TTArtisan 40mm F2.8 Macro Lens and the body cap from your Fuji X-Mount camera.
2. Align the red dot on the lens barrel with the red dot on your camera's lens mount.
3. Gently insert the lens into the camera mount and rotate it clockwise until you hear a click, indicating it is securely locked in place.

4.2. Removing the Lens

1. While holding down the lens release button on your camera body, rotate the lens counter-clockwise until it stops.

2. Carefully remove the lens from the camera body.
3. Attach the rear lens cap to the lens and the body cap to your camera to protect them from dust and damage.

5. OPERATING INSTRUCTIONS

5.1. Manual Focus

This is a manual focus lens. To achieve sharp focus, rotate the focus ring on the lens barrel. The focus distance scale, marked in both meters (m) and feet (ft), indicates the current focus distance. For critical focus, especially in macro photography, use your camera's focus peaking or magnification assist features.

5.2. Aperture Control

The aperture ring allows you to select your desired aperture from F/2.8 to F/16. Each click corresponds to a full-stop change in aperture. Adjusting the aperture controls the depth of field and the amount of light entering the lens.

5.3. Macro Photography

For 1:1 life-size magnification, extend the lens to its maximum length and focus at the minimum focusing distance of 17cm. Macro photography often requires careful lighting and a stable setup (e.g., a tripod) due to the shallow depth of field at close distances.

5.4. Camera Settings

Since this is a manual lens without electronic contacts, your camera may not detect that a lens is attached. To enable shooting, navigate to your camera's menu and activate the setting that allows for "Shoot without lens" or "Release shutter without lens." Consult your camera's manual for the exact location of this setting.

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Video 5.1: A demonstration of the TTArtisan 40mm F2.8 Macro Lens, showcasing its physical features and macro capabilities. This video illustrates the lens's extension for macro focus and the operation of the aperture ring.

6. MAINTENANCE

6.1. Cleaning the Lens

- Use the provided lens cleaning cloth or a soft, lint-free microfiber cloth to gently wipe dust and smudges from the front and rear lens elements.
- For stubborn marks or fingerprints, apply a small amount of specialized lens cleaning solution to the cleaning cloth (never directly to the lens surface) and gently wipe in a circular motion.
- Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.

6.2. Storage

- When not in use, always attach both the front and rear lens caps to protect the lens elements from dust, scratches, and impacts.
- Store the lens in the provided lens bag or a padded camera bag.
- Keep the lens in a dry, cool place, away from direct sunlight, extreme temperatures, and high humidity to prevent mold growth and damage to internal components.

7. TROUBLESHOOTING

- **Image is blurry:**

Ensure the lens is properly focused using the manual focus ring. Check your camera's shutter speed; a slower shutter speed may require a tripod to prevent camera shake, especially in macro photography. Verify the aperture setting; a wider aperture (smaller f-number) results in a shallower depth of field, making precise focus more critical.

- **Camera does not take pictures:**

This is a manual lens without electronic contacts. Ensure your camera's settings allow shooting without a lens attached (often found in the camera's menu under "Release shutter without lens" or similar).

- **Vignetting (dark corners in images):**

Vignetting can occur, especially at wider apertures. Stopping down the aperture (using a larger f-number) can help minimize this effect.

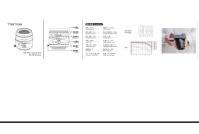
8. SPECIFICATIONS

Feature	Specification
Focal Length	40mm
Maximum Aperture	F2.8
Minimum Aperture	F16
Lens Type	Macro, Standard
Compatible Mountings	Fujifilm X
Item Weight	1.32 pounds (approx. 599g)
Package Dimensions	7.56 x 6.34 x 3.35 inches
Manufacturer	TTartisan
Date First Available	August 25, 2021

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or service inquiries, please refer to the documentation provided with your original purchase or visit the official TTartisan or PERGEAR website. Please retain your proof of purchase for any warranty claims.

Related Documents - TTartisan 40mm F2.8

	<u>TTArtisan Tilt 35mm f1.4 APS-C Lens User Manual and Specifications</u> Comprehensive guide to the TTArtisan Tilt 35mm f1.4 APS-C lens, covering installation, camera settings, specifications, optical design, and usage tips.
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	<p>TTArtisan 14mm F2.8 Lens User Manual and Specifications</p> <p>Comprehensive user manual for the TTArtisan 14mm F2.8 wide-angle lens, covering specifications, installation, uninstallation, camera settings, optical design, and care tips.</p>
	<p>TTArtisan 250mm F5.6 Reflex Lens User Manual and Specifications</p> <p>Comprehensive user manual for the TTArtisan 250mm F5.6 Reflex lens, covering specifications, M42 mount information, MTF charts, optical design, safety warnings, and usage tips. Features full-frame compatibility and manual focus.</p>
	<p>TTArtisan AF 75mm F2 Autofocus Lens User Manual and Specifications</p> <p>Detailed specifications, installation, uninstallation, and usage tips for the TTArtisan AF 75mm F2 full-frame autofocus lens. Includes safety warnings and technical details.</p>
	<p>TTArtisan 23mm f1.4 APS-C Lens: Manual, Specifications, and Usage Guide</p> <p>Explore the TTArtisan 23mm f1.4 APS-C lens with this comprehensive manual. Find detailed specifications, installation instructions, camera compatibility settings, optical design insights, MTF performance charts, safety warnings, and essential usage tips.</p>