

TTARTISAN 27mm F2.8

TTartisan 27mm F2.8 Autofocus Lens User Manual for Fujifilm X-Mount Cameras

Model: 27mm F2.8

1. INTRODUCTION

This manual provides detailed instructions for the proper use and care of your TTartisan 27mm F2.8 Autofocus Lens. Designed for Fujifilm X-Mount APS-C mirrorless cameras, this compact prime lens offers a 41mm equivalent focal length and a bright f/2.8 maximum aperture, making it suitable for various photographic applications. Please read this manual thoroughly before using the lens to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The TTartisan 27mm F2.8 lens is characterized by its compact "pancake" design and robust construction. It features an autofocus system, an aperture ring for manual control, and a Type-C port for firmware updates.



Figure 2.1: Front view of the TTartisan 27mm F2.8 Autofocus Lens, showcasing its compact design and aperture markings.

Key Features:

- **Compact APS-C Prime Lens:** Lightweight and portable, offering a 41mm equivalent focal length.
- **Bright f/2.8 Maximum Aperture:** Suitable for low-light conditions and depth of field control.
- **Autofocus with Manual Override:** Provides flexibility in focusing.
- **Aperture Ring:** Manually adjustable from F/2.8 to F/16.
- **Optical Design:** 6 elements in 5 groups, including 2 high refractive index lenses for sharp images and chromatic aberration control.
- **7-Blade Diaphragm:** Contributes to smooth bokeh.
- **STM Stepping Motor:** Ensures small size and smooth focusing.
- **Type-C Interface:** For convenient firmware upgrades.

AF 27mm F2.8 XF

NEW Auto Focus XF-Mount



Auto Focus



Eye Perception



EXIF Data



Type-C



With Aperture Ring



Closest Focusing
Distance



Portable Size



Metal Body



Only 93 Gram



Integrated
Lens Hood

Figure 2.2: Visual representation of the lens's key features, including autofocus, eye perception, EXIF data support, Type-C port, aperture ring, closest focusing distance, portable size, metal body, light weight, and integrated lens hood.

3. SETUP

3.1 Mounting the Lens

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the TTartisan 27mm F2.8 lens and the body cap from your Fujifilm X-Mount camera.
3. Align the red dot on the lens barrel with the corresponding red dot on your camera's lens mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Replace the front lens cap when the lens is not in use.

3.2 Initial Camera Settings

- After mounting the lens, turn on your camera.

- Navigate to your camera's menu and ensure that "Shoot Without Lens" or a similar setting is enabled if you encounter issues with the camera not recognizing the lens.
- Set your desired shooting mode (e.g., Aperture Priority, Shutter Priority, Manual, Program).

4. OPERATING THE LENS

The TTartisan 27mm F2.8 lens is designed for ease of use and portability. Its compact form factor makes it an ideal choice for everyday shooting and travel photography when mounted on compatible Fujifilm X-Mount cameras.

Ideal Portability

The portability of the pancake lens makes it easy to carry. And it is suitable for a variety of subjects such as portraits, street photography and landscape photography.



FUJI X-Pro 1

TTartisan AF 27mm F2.8 XF

TTartisan

27mm f/8 1/1000s ISO400

2022.10.24 By: 门前大桥下

Figure 4.0: The TTartisan 27mm F2.8 lens mounted on a Fujifilm X-Pro 1 camera, demonstrating its compact profile.

4.1 Autofocus Operation

The TTartisan 27mm F2.8 lens features an STM stepping motor for fast, quiet, and smooth autofocus performance. This is beneficial for both still photography and video recording.

- To engage autofocus, ensure your camera's focus mode is set to AF (Autofocus).

- The lens supports advanced camera features such as Eye Recognition Focus, which helps in accurately tracking subjects' eyes for sharp portraits.



By: 门前大桥下

Eye Recognition Focus

Accurate and agile eye tracking makes it easy to capture wonderful moments when taking photos, and helps to shoot smooth images when recording videos.

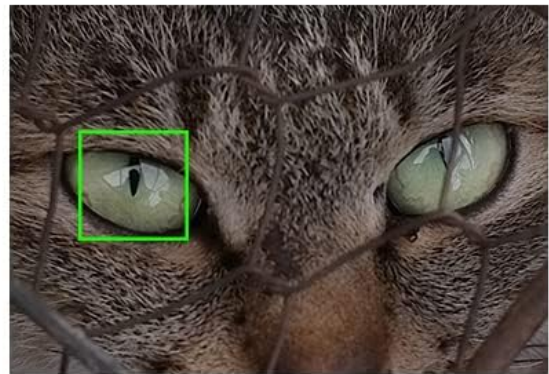


Figure 4.1: Illustration of the Eye Recognition Focus feature, highlighting its ability to accurately track and focus on a subject's eye.



Focal length	27mm	Diaphragm blades	7pcs
Filter size	39mm	Optical design	6 Elements in 5 Groups
Frame	APS-C	Focus method	AF
Closest focusing distance	0.35m	Angle of view	56°
Maximum aperture	F2.8	Weight	Around 93g
Minimum aperture	F16	Mount	X

Figure 4.2: Diagram illustrating the internal STM Stepping Motor, responsible for the lens's quiet and smooth autofocus capabilities.

4.2 Manual Focus Override

Even in autofocus mode, you can typically override the focus manually by rotating the focus ring on the lens. Consult your camera's manual for specific settings related to manual focus override (e.g., AF+MF mode).

4.3 Aperture Control

The lens features a dedicated aperture ring for direct control over the aperture setting. The aperture can be adjusted from F/2.8 to F/16.

- To use the aperture ring, rotate it to your desired f-stop.
- For camera-controlled aperture, set the aperture ring to the 'A' (Auto) position. This allows the camera to control the aperture electronically.

Click Aperture Ring

The lens is designed with an independent click aperture, so you can have a more convenient and faster shooting experience than switching the aperture on the camera.

A 16 14 13 11 10 9 8 7.1 6.4 5.6 5 4.5 4 3.6 3.2 2.8

The valid range of aperture ring.

Turns the aperture ring to "A" first, before you change aperture setting in camera system.

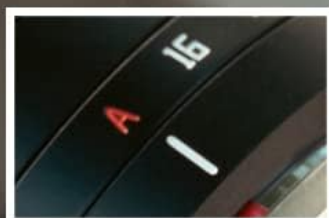


Figure 4.3: Demonstrates the aperture ring on the lens. To enable camera control of the aperture, set the lens aperture ring to the 'A' position.

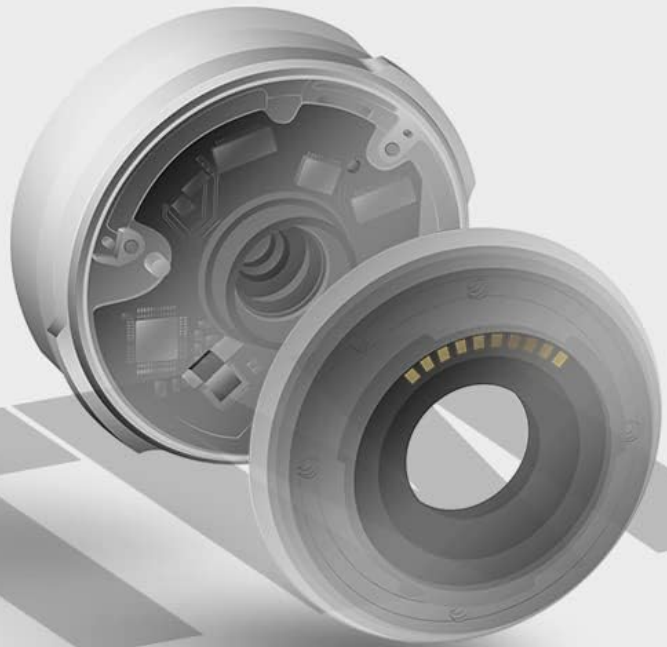
4.4 Firmware Upgrade

The lens is equipped with a Type-C USB port located on the rear lens cap for firmware updates. This allows for performance improvements and compatibility enhancements.

- To update the firmware, connect the lens (with the rear cap attached) to a computer using a USB Type-C cable.
- Visit the official TTartisan website for the latest firmware and detailed instructions.

STM Stepping Motor

TTArtisan AF 27mm F2.8 CF lens adopts the "STM+leading screw" stepping motor, which is small in size and smooth in focusing.



The silent focus and the anti-shake body are conducive to video shooting.



And the fast response of the lens is good for capturing the perfect moment.

By: Jonas Rask



Figure 4.4: Close-up view of the Type-C USB port integrated into the rear lens cap, used for firmware updates.

5. MAINTENANCE

5.1 Cleaning the Lens

- Use a soft, lint-free cloth or a lens brush to remove dust 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.
- Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.
- Do not touch the glass elements directly with your fingers.

5.2 Storage

- When not in use, always attach the front and rear lens caps.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.

- Consider using a dehumidifying cabinet or silica gel packets to prevent mold growth, especially in humid environments.

5.3 General Care

- Avoid dropping or subjecting the lens to strong impacts.
- This lens is not weather-sealed. Avoid using it in rain, snow, or dusty environments to prevent damage.
- When traveling, transport the lens in a padded camera bag to protect it from bumps and vibrations.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lens not recognized by camera	"Shoot Without Lens" setting disabled; improper mounting.	Enable "Shoot Without Lens" in camera settings. Re-mount the lens, ensuring it clicks into place.
Autofocus is slow or inaccurate	Low light conditions; camera settings; dirty lens contacts; outdated firmware.	Ensure adequate lighting. Check camera AF settings. Clean lens and camera contacts. Update lens firmware.
Images appear blurry or soft	Incorrect focus; camera shake; dirty lens elements.	Verify focus point. Use a faster shutter speed or tripod. Clean lens elements.
Vignetting (dark corners) in images	Common with wide apertures; lens hood misalignment.	Stop down the aperture (e.g., f/4 or f/5.6). Ensure lens hood is correctly attached. Vignetting can often be corrected in post-processing.
Aperture ring not responding	Lens aperture ring set to 'A' (Auto) or mechanical issue.	If you want manual control, ensure the aperture ring is NOT set to 'A'. If the issue persists, contact support.

7. SPECIFICATIONS

Below are the technical specifications for the TTartisan 27mm F2.8 Autofocus Lens:

Focal Length	27mm (41mm equivalent on APS-C)
Maximum Aperture	F2.8
Minimum Aperture	F16
Lens Mount	Fujifilm X-Mount
Format Compatibility	APS-C
Optical Design	6 Elements in 5 Groups (including 2 high refractive index lenses)
Diaphragm Blades	7
Autofocus Motor	STM Stepping Motor
Closest Focusing Distance	0.35m (1.15 ft)
Angle of View	56°

Filter Size	39mm
Dimensions (Diameter x Length)	61mm x 29mm (without lens hood) / 61mm x 36mm (with lens hood)
Weight	Approximately 93g (3.3 oz)
Firmware Update Port	USB Type-C (on rear lens cap)

0.35m Close-up Shooting

The closest focus distance is 0.35m to capture every detail. And with a large aperture of F2.8, the non-focus area has fantastic bokeh.

By: Jonas Rask



Figure 7.1: Diagram illustrating the physical dimensions of the lens with and without the lens hood, alongside a table of key specifications.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact TTartisan directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase for warranty claims.
Official TTartisan Website: www.ttartisan.com

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