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TTARTISAN AF 56mm F/1.8

TTArtisan AF 56mm F/1.8 Lens User Manual for Sony E-Mount

Model: AF 56mm F/1.8

Introduction Package Contents Key Features Installation Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the TTArtisan AF 56mm F/1.8 lens. This high-quality autofocus lens is designed for Sony E-mount mirrorless cameras, offering exceptional optical performance and a versatile focal length ideal for portrait photography and various creative applications. Its large F1.8 aperture excels in low-light conditions and produces beautiful background blur (bokeh).



Image: The TTArtisan AF 56mm F/1.8 lens, showcasing its compact and sleek design.

2. Package Contents

Verify that all items listed below are included in your package:

- AF 56mm F1.8 Lens
- Lens Hood
- Rear Cap
- Front Cap
- Box
- User Manual (this document)
- Warranty Card



Image: Visual representation of the items included in the product packaging.

3. Key Features

- **Eye Detection Autofocus:** Equipped with an STM Stepping Motor for silent, rapid autofocus, ideal for capturing dynamic moments and smooth video recording with precise eye detection.
- **Portrait Lens:** With a 56mm focal length (84mm equivalent on APS-C cameras), it's an excellent choice for portrait photography, providing subject isolation and soft background blur.
- **Large F1.8 Aperture:** The wide F1.8 aperture allows for excellent low-light performance and creates a pleasingly blurred background, suitable for street and portrait photography.
- **Advanced Optical Design:** Features a 9-group, 10-element structure with ultra-low dispersion and high-refractive index glass to minimize chromatic aberration and enhance clarity, color accuracy, and smooth bokeh.
- **Innovative & Portable Design:** Includes a TYPE-C port for convenient firmware updates and a stylish square metal lens hood. The lens is lightweight (approximately 245g) and compact, making it highly portable.
- **Durable Metal Construction:** The lens barrel and mount are crafted from aerospace aluminum, ensuring durability and a premium feel that complements your camera.



Image: Detail of the lens highlighting its aerospace aluminum body and metal construction.



Image: Illustration of the lens's well-designed firmware update interface via a Type-C port.

4. Installation

1. **Prepare Your Camera:** Ensure your Sony E-mount camera is turned off before attaching or detaching the lens.
2. **Remove Lens Caps:** Carefully remove the rear lens cap from the TTArtisan AF 56mm F/1.8 lens and the body cap from your camera.
3. **Align Mount Marks:** Align the white index mark on the lens barrel with the corresponding white index mark on your camera's lens mount.
4. **Attach Lens:** Insert the lens into the camera's mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. **Attach Lens Hood:** Align the lens hood with the front of the lens and twist it until it locks securely. The square metal lens hood can be attached for protection and to reduce flare.

PACKAGE LIST

Picture	Listing	Quantity
	AF 56mm F1.8 Len	*1
	Lens Hood	*1
	Rear Cap	*1
	Front Cap	*1
	Box	*1
	User Manual	*1
	Warranty Card	*1

Image: The TTArtisan AF 56mm F/1.8 lens securely attached to a compatible mirrorless camera body.

5. Operation

5.1 Autofocus (AF)

The lens features an STM stepping motor for fast and quiet autofocus. To use autofocus:

- Set your camera's focus mode to AF (Autofocus).
- Point the camera at your subject and half-press the shutter button to activate autofocus.
- The lens supports eye detection AF on compatible camera bodies, ensuring sharp focus on subjects' eyes.



Image: A camera display illustrating the lens's eye detection autofocus capability, highlighting a subject's eye.

5.2 Manual Focus (MF)

For precise control, you can switch your camera's focus mode to MF (Manual Focus). Rotate the focus ring on the lens to adjust focus manually.

5.3 Aperture Control

The F1.8 aperture allows for significant control over depth of field. Adjust the aperture setting via your camera's controls to achieve desired effects, from sharp subjects with blurred backgrounds to greater overall sharpness.

5.4 Firmware Updates

The lens features a TYPE-C port for firmware updates. Connect the lens to a computer using a USB-C cable and follow the instructions provided on the TTArtisan official website to update the firmware. This ensures optimal performance and compatibility with future camera models.

6. Maintenance

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to gently wipe the lens elements. Avoid touching the glass directly with your fingers.
- **Cleaning the Body:** Wipe the lens barrel with a dry, soft cloth. Do not use organic solvents or strong cleaning agents.
- **Storage:** When not in use, attach both front and rear lens caps and store the lens in a dry, cool place away from direct sunlight and extreme temperatures.
- **Avoid Moisture:** Protect the lens from rain, splashes, and high humidity. If it gets wet, wipe it dry immediately.

7. Troubleshooting

Problem	Possible Cause	Solution
Autofocus is slow or inaccurate.	Low light conditions, low contrast subject, outdated firmware.	Ensure adequate lighting. Focus on a high-contrast area. Update lens firmware via the TYPE-C port.

Problem	Possible Cause	Solution
Lens flare or ghosting in images.	Shooting directly into a strong light source (e.g., sun).	Use the included lens hood. Adjust shooting angle to avoid direct light.
Lens not recognized by camera.	Improper mounting, dirty contacts, outdated firmware.	Re-mount the lens securely. Clean the lens and camera contacts with a dry, soft cloth. Check for firmware updates.
Rattling sound from lens.	Loose lens cap (as noted in some reviews).	Ensure lens caps are securely fastened. If the sound persists and affects performance, contact support.

8. Specifications

Feature	Detail
Brand	TTARTISAN
Model	AF 56mm F/1.8
Focal Length	56mm
Maximum Aperture	F/1.8
Lens Type	Standard
Compatible Mountings	Sony E
Optical Design	9 groups, 10 elements (with ultra-low dispersion and high-refractive index glass)
Autofocus Motor	STM Stepping Motor
Product Dimensions	2.44 x 2.55 x 2.55 inches
Item Weight	1.5 pounds (approx. 245g)
Firmware Update Port	TYPE-C

9. Warranty & Support

TTArtisan products come with a 12-month warranty. For warranty claims, technical support, or any inquiries regarding your lens, please contact TTArtisan customer service or visit the official TTArtisan store:

TTArtisan Official Store on Amazon
Please retain your purchase receipt and warranty card for service.

10. Product Overview Video

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Video: A brief promotional overview of the TTArtisan AF 56mm F/1.8 lens, highlighting its design and key features.

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