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Walimex Pro K64619EU

Walimex Pro 500mm f/8.0 Telephoto Lens for Micro Four Thirds Cameras

Model: K64619EU

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Walimex Pro 500mm f/8.0 Telephoto Lens. Please read this manual thoroughly before using the product to ensure proper operation and to achieve optimal photographic results. Keep this manual for future reference.

SAFETY INSTRUCTIONS

- Do not look directly at the sun through the lens, as this can cause severe eye damage.
- Keep the lens away from direct sunlight when not in use to prevent potential fire hazards from concentrated light.
- Avoid exposing the lens to extreme temperatures, humidity, or dust.
- Handle the lens with care to prevent drops or impacts, which can damage optical elements or mechanical components.
- Do not attempt to disassemble or repair the lens yourself. Contact qualified service personnel for any repairs.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Walimex Pro 500mm f/8.0 Telephoto Lens
- 1x Walimex T2 Adapter for Micro Four Thirds
- 1x Protective Carrying Bag
- 1x User Manual (German language, refer to this translated version for English)



Image: Protective carrying bag for the lens.

The Walimex Pro 500mm f/8.0 is a fixed focal length telephoto lens designed for Micro Four Thirds (MFT) and other DSLR/APSC cameras via a T2 adapter. It features a robust metal construction and an integrated diaphragm for precise aperture control.



Image: The Walimex Pro 500mm f/8.0 telephoto lens.



Image: Close-up view of the focus and aperture rings on the lens barrel.



Image: Front view of the lens, showing the f/8.0 and 500mm markings.

SETUP

1. Attaching the T2 Adapter

The Walimex Pro 500mm lens uses a T2 mount. To attach it to your Micro Four Thirds camera, you must first connect the supplied T2 adapter.

1. Align the red dot on the T2 adapter with the red dot on the lens's T2 mount.
2. Gently twist the adapter clockwise until it clicks into place, securing it to the lens.



1x T2 ADAPTER AUF MFT

Image: The Walimex T2 adapter for Micro Four Thirds cameras.

2. Mounting the Lens to Your Camera

Once the T2 adapter is attached to the lens, you can mount the assembly to your camera body.

1. Ensure your camera is turned off.
2. Remove the rear lens cap and the camera body cap.
3. Align the mounting index (usually a white dot or line) on the T2 adapter with the corresponding index on your camera's lens mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it locks into place.



Image: Diagram illustrating the lens connected to a camera body via the T2 adapter.

3. Mounting on a Tripod

Due to its focal length and weight, using a tripod is highly recommended for stable images. The lens features a 360° rotatable tripod collar.

1. Attach your tripod's quick-release plate to the tripod collar foot on the lens.
2. Securely mount the lens (with camera attached) onto your tripod.
3. Loosen the knob on the tripod collar to rotate the camera and lens assembly between portrait and landscape orientations, then tighten to secure.

OPERATING THE LENS

This is a fully manual lens. All settings, including focus and aperture, must be adjusted manually on the lens itself.

1. Manual Focus

Rotate the large, textured focus ring on the lens barrel to adjust focus. Use your camera's viewfinder or LCD screen to achieve sharp focus. Many modern cameras offer focus peaking or magnification aids to assist with manual focusing.

2. Aperture Control

The lens features an adjustable aperture from f/8.0 to f/32. The integrated preset diaphragm allows for quick adjustment.

1. Rotate the aperture ring to select your desired f-stop (e.g., f/8, f/11, f/16, f/22, f/32).
2. For focusing, you can set the aperture to its widest (f/8) for maximum viewfinder brightness, then quickly rotate it back to your chosen shooting aperture before taking the shot.

3. Exposure Settings

Since there is no electronic communication between the lens and the camera, exposure must be set manually or using your camera's aperture priority mode (Av/A) if available. In aperture priority mode, the camera will automatically select the shutter speed based on the aperture you set on the lens.

4. Crop Factor Considerations

When used with Micro Four Thirds cameras, which typically have a 2.0x crop factor, the 500mm focal length of this lens will provide an equivalent field of view of a 1000mm lens on a full-frame camera. This significantly magnifies distant subjects.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free microfiber cloth specifically designed for optical surfaces. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- **Dust Removal:** Use a blower brush or compressed air (specifically for optics) to remove dust from lens surfaces. Avoid wiping dry lens surfaces, as this can cause scratches.
- **Storage:** Store the lens in its protective bag in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure both front and rear lens caps are securely attached.
- **Avoid Moisture:** This lens is not waterproof. Avoid using it in rain or high humidity. If it gets wet, wipe it dry immediately with a soft cloth.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Images are blurry.	Incorrect focus, camera shake, or insufficient light.	Ensure precise manual focus. Use a tripod to minimize camera shake. Increase ISO or use a wider aperture (f/8) in low light, or use a slower shutter speed with a tripod.
Lens cannot be mounted to camera.	T2 adapter not correctly attached or misaligned.	Ensure the T2 adapter is securely attached to the lens. Align the mounting indexes correctly on both the adapter and the camera body. Do not force the lens.
Dark or underexposed images.	Incorrect exposure settings.	Adjust camera's ISO, shutter speed, or use aperture priority mode (Av/A) and ensure the aperture is set on the lens.
Vignetting or dark corners in images.	Normal for some lens designs, or lens hood/filter obstruction.	Ensure no accessories are obstructing the lens. On APS-C sensors, the central image area is used, which typically reduces vignetting.

SPECIFICATIONS



Image: Dimensions of the Walimex Pro 500mm lens.

Feature	Detail
Brand	Walimex Pro
Model Number	K64619EU
Focal Length	500mm (Fixed)
Maximum Aperture	f/8.0
Minimum Aperture	f/32
Lens Construction	5 elements in 4 groups
Focus Type	Manual Focus
Mount Type	T2 (with included Micro Four Thirds adapter)

Feature	Detail
Filter Thread Size	67mm
Dimensions (Diameter x Length)	Approx. 70mm x 298mm
Weight	Approx. 910 grams
Color	Black
Image Stabilization	No
Water Resistance	Not waterproof

WARRANTY AND SUPPORT

Walimex Pro products are manufactured with high-quality standards. For warranty information, please refer to the documentation provided at the time of purchase or contact your local Walimex Pro distributor or retailer. For technical support or service inquiries, please reach out to the customer service department of your point of purchase.