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- › [K&F CONCEPT](#) /
- › [K&F CONCEPT 49mm MCUV Lens Protection Filter Instruction Manual](#)

### K&F CONCEPT 49mm MCUV Lens Protection Filter (Nano-X Series)

# K&F CONCEPT 49mm MCUV Lens Protection Filter Instruction Manual

Model: 49mm MCUV Lens Protection Filter (Nano-X Series)

## 1. PRODUCT OVERVIEW

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The K&F CONCEPT 49mm MCUV Lens Protection Filter is designed to protect your camera lens and enhance image quality by reducing ultraviolet light. This filter features a shockproof tempered optical glass construction with 28 multi-layer coatings, providing resistance against water, oil, dust, and scratches. Its ultra-low reflectivity ensures clear, high-contrast images without vignetting.



Image: K&F CONCEPT 49mm MCVV Lens Protection Filter, showcasing its design and protective features.

## 2. KEY FEATURES

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- **UV Ray Prevention & Lens Protection:** Reduces the blue tone in images caused by UV light and protects the lens from physical damage, water, dust, scratches, oil, and fingerprints.
- **Shockproof Tempered Optical Glass:** Constructed from Japanese AGC glass, offering shockproof, waterproof, and scratch-resistant properties.
- **0.1% Ultra-Low Reflectivity:** Minimizes lens reflection and vignetting for clearer, more detailed images.
- **28 Multi-Layer Advanced Coatings:** Double-sided coatings provide enhanced resistance against water, oil, dust, and scratches.
- **Ultra-thin Aviation Aluminum Alloy Frame:** Prevents vignetting on both telephoto and wide-angle lenses.

## 2-in-1 Dual Functions

Ultra-low Reflection & Ultra-hard UV Filter



Image: Illustration of the filter's dual functions: ultra-low reflection and ultra-hard UV protection.

# Tempered Glass, Sturdy and Durable

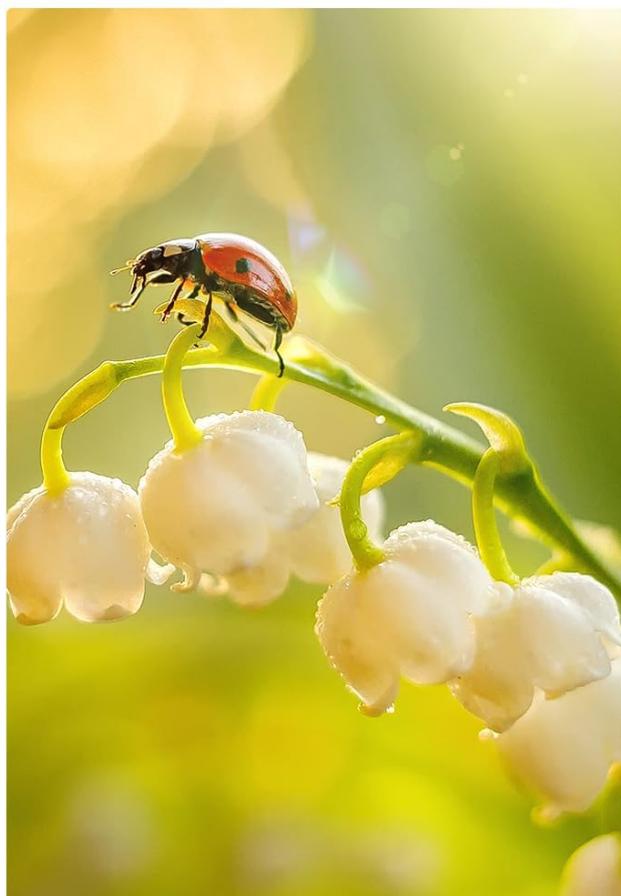
9H Hardness, Protect the Lens  
in extremely harsh environments



Image: Close-up of the filter, highlighting its tempered glass construction for durability in harsh environments.

# 0.1% Ultra-low Reflectivity

Reduces reflections and halos



Others



 K&F CONCEPT

Image: Comparison demonstrating the 0.1% ultra-low reflectivity, showing reduced reflections and halos compared to other filters.

## 3. INSTALLATION GUIDE

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To install the K&F CONCEPT MCUV filter, follow these steps:

1. **Identify Lens Thread Size:** Before ordering or installing, verify your camera lens's thread size. This number is typically found on the front of your lens or inside the lens cap, usually preceded by a "Φ" (diameter) symbol. For example, Φ49 indicates a 49mm lens thread size.
2. **Clean Your Lens:** Ensure the front element of your camera lens is clean and free of dust or smudges before attaching the filter.
3. **Align the Filter:** Carefully align the filter with the thread on the front of your camera lens.
4. **Screw On:** Gently turn the filter clockwise until it is securely fastened. Do not overtighten.

To remove the filter, turn it counter-clockwise until it detaches from the lens.



Image: Visual guide on how to identify the correct filter size on a camera lens, indicated by the "Φ" symbol.



Video: Demonstration of installing and removing the K&F CONCEPT UV filter on a camera lens, highlighting its ease of use and secure fit.

## 4. OPERATING INSTRUCTIONS

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The K&F CONCEPT MCUV filter is designed for continuous use as a protective layer for your lens and to improve image quality by filtering out UV light. Once installed, it requires no further adjustment during operation.

- **UV Filtration:** The filter effectively blocks ultraviolet rays, which can cause a bluish cast in outdoor photographs, especially in bright conditions or at high altitudes. This results in more natural color rendition and improved clarity.
- **Lens Protection:** The filter acts as a physical barrier, protecting the delicate front element of your camera lens from dust, dirt, moisture, and accidental impacts. It is generally recommended to keep a UV filter on your lens at all times for this protective benefit.

## 5. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and optimal performance of your MCUV filter.

- **Cleaning:** Due to its waterproof and oil-proof coatings, the filter is easy to clean. Use a soft, clean microfiber cloth to gently wipe away dust, fingerprints, or smudges. For stubborn marks, a small amount of lens cleaning solution can be applied to the cloth, not directly to the filter.
- **Storage:** When not in use, store the filter in its protective case to prevent scratches and dust accumulation.
- **Handling:** Always handle the filter by its edges to avoid leaving fingerprints on the glass surface.

# 28 Layer Nanometer Coatings

Waterproof & Oil-proof & Scratch-resistant



Image: Visual representation of the 28-layer nanometer coatings, illustrating their waterproof, oil-proof, and scratch-resistant properties.



Video: Demonstration of the filter's water and scratch resistance, showing how easily water beads off and how it withstands minor abrasions, followed by a simple cleaning process.

## 6. TROUBLESHOOTING

- **Vignetting (Dark Corners):** This filter features an ultra-thin aviation aluminum alloy frame designed to prevent vignetting, even on wide-angle lenses. If you experience vignetting, ensure the filter is correctly seated and not obstructed by other accessories (e.g., a lens hood that is too deep or stacked filters).
- **Excessive Reflections/Glare:** The filter boasts 0.1% ultra-low reflectivity. If you notice unusual reflections or glare, check for smudges or dirt on the filter surface and clean it thoroughly. Ensure you are not shooting directly into a strong light source without proper lens hood use.
- **Difficulty Attaching/Removing:** Ensure you are aligning the threads correctly. Do not force the filter. If it's stuck, try using a rubber filter wrench or gently tapping the edge of the filter (not the glass) to loosen it.

## 7. SPECIFICATIONS

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Feature	Detail
Model	49mm MCUV Lens Protection Filter (Nano-X Series)
Brand	K&F CONCEPT
Material	Optical Glass (Japanese AGC)
Filter Thread Size	49 Millimeters
Coating	28 Multi-Layer Coatings
Reflectivity	0.1% Ultra-Low
Effect Type	Ultraviolet (UV) Protection
Water Resistance	Waterproof
Item Weight	2.12 ounces
Product Dimensions	4.17 x 4.17 x 0.61 inches

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your K&F CONCEPT product, please refer to the official K&F CONCEPT website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the official K&F CONCEPT store for more information: [K&F CONCEPT Store](#)

