K&F CONCEPT KF01.1266

K&F CONCEPT 49mm Variable ND8-ND2000 Lens Filter Instruction Manual

Model: KF01.1266

1. Introduction

Thank you for choosing the K&F CONCEPT 49mm Variable Neutral Density Lens Filter (ND8-ND2000). This filter is designed to provide precise light control for your camera lens, allowing for creative photographic and videographic effects in various lighting conditions. With its adjustable 3 to 11 stop light reduction, multi-layer coatings, and durable construction, this filter is an essential tool for photographers and videographers seeking enhanced control over exposure and motion blur.

2. Key Features

- **Variable Light Reduction:** Adjusts from ND8 to ND2000, offering 3 to 11 stops of light reduction. This enables the use of slower shutter speeds for motion blur effects or wider apertures in bright conditions.
- **Premium Optical Glass:** Crafted from high-quality AGC optical glass with 24 multi-layer coatings for superior image quality, reduced reflections, and minimized glare.
- **Waterproof & Oil-Proof:** Equipped with multi-layer hydrophobic and oil-proof coatings on both sides, ensuring easy cleaning and protection against water, dust, and oil.
- **Ultra-Slim Frame:** The filter features a 7.4mm CNC-machined aluminum frame, designed to prevent vignetting even with wide-angle lenses (e.g., 16mm focal length). The non-slip design facilitates quick installation and removal.
- **Compatibility:** Designed for 49mm camera lenses. Please verify your lens thread size before purchase.

3. Setup & Installation

To ensure proper function and avoid damage, follow these steps for installing your K&F CONCEPT Variable ND Filter:

1. **Identify Lens Thread Size:** Locate the "∅" (diameter) symbol on your camera lens. This number indicates your lens's filter thread size. Ensure it matches the 49mm size of your filter.
2. **Clean Lens and Filter:** Before attachment, gently clean both your camera lens and the ND filter using a microfiber cloth to remove any dust or smudges.
3. **Attach Filter:** Carefully align the filter's threads with the threads on the front of your camera lens. Rotate clockwise until it is securely fastened. Do not overtighten.
4. **Lens Cap Compatibility:** A 52mm lens cap is required for this 49mm variable ND filter due to its design. Standard 49mm

lens caps may not fit.



Image: Guide to identifying your camera lens filter thread size.



Image: Filter size compatibility chart, including lens cap and hood information.

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Video: Demonstrates the installation and adjustment of the K&F Concept Variable ND8-ND2000 filter on a camera lens.

4. Operating Instructions

The K&F CONCEPT Variable ND Filter allows for easy adjustment of light reduction. Follow these steps to operate your filter:

1. **Adjusting Density:** Once attached to your lens, gently rotate the outer ring of the filter. You will notice markings (MIN to MAX, or ND8 to ND2000) indicating the range of neutral density.
2. **Observe Live View:** While rotating, observe your camera's live view or viewfinder to see the real-time effect of the light reduction. Adjust until you achieve your desired exposure and creative effect.
3. **Avoid 'X' Pattern:** Variable ND filters are made of two polarizing layers. When rotated to their maximum density, some wide-angle lenses may exhibit a visible 'X' pattern or uneven darkening. If this occurs, slightly reduce the density setting until the pattern disappears.



Image: Visual guide to the 9 adjustable stops of light reduction.



Image: Demonstration of 9-stop light reduction on a city landscape.



Image: Before and after comparison of a scene with and without the ND filter, highlighting motion blur effects.

5. Maintenance & Care

Proper maintenance ensures the longevity and optimal performance of your ND filter:

- **Cleaning:** Use a soft, clean microfiber cloth specifically designed for optical lenses. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth (not directly to the filter).
- **Storage:** Always store the filter in its protective case when not in use to prevent scratches and dust accumulation. Avoid storing in extreme temperatures or high humidity.
- **Handling:** Handle the filter by its edges to avoid touching the glass surface, which can leave fingerprints and oils.



Image: Demonstration of the filter's waterproof and dust-proof coatings.

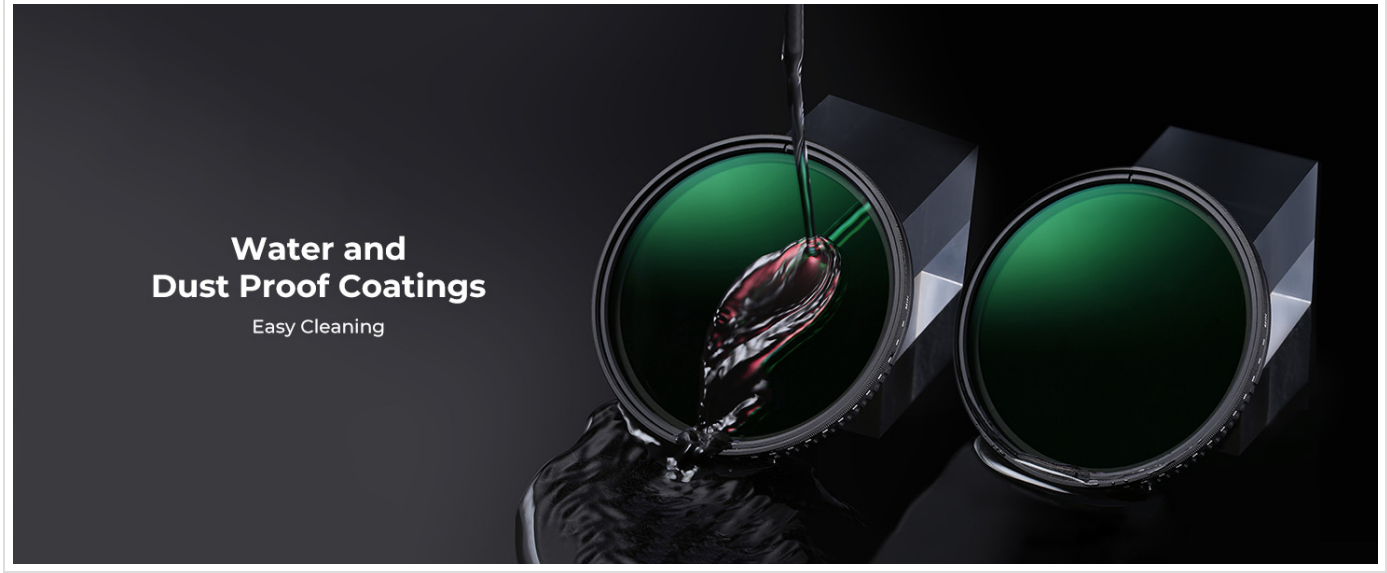


Image: The filter stored in its protective case.

6. Troubleshooting

- **'X' Pattern / Uneven Darkening:** This is a common phenomenon with variable ND filters, especially at maximum density settings or with very wide-angle lenses. To resolve, slightly decrease the density by rotating the outer ring until the 'X' pattern disappears.
- **Vignetting:** If dark corners appear in your images, especially with wide-angle lenses, ensure the filter is fully seated and not obstructed. The ultra-slim frame is designed to minimize this, but extreme wide-angle lenses may still show slight vignetting.
- **Color Shift:** While K&F CONCEPT filters are designed for neutral color rendition, slight color shifts can occur with any ND filter, particularly at higher densities. This can often be corrected during post-processing.
- **Filter Stuck on Lens:** If the filter is difficult to remove, try using a rubber filter wrench for better grip. Avoid excessive force.

7. Specifications

Brand	K&F CONCEPT
Model Number	KF01.1266
Filter Type	Variable Neutral Density (ND)
Density Range	ND8-ND2000 (3-11 Stops)
Filter Size	49 Millimeters
Material	AGC Optical Glass
Coatings	24 Multi-Layer Coatings (Hydrophobic, Oil-Proof)
Frame Thickness	7.4mm
Water Resistance	Waterproof
Product Dimensions	1.93 x 1.93 x 0.04 inches
Item Weight	2.11 ounces

8. Warranty & Support

K&F CONCEPT products are backed by a manufacturer's warranty. For specific warranty details, product support, or technical assistance, 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.

Ask a question about this manual

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Example: How do I reset this device or fix this error?

Details

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