K&F CONCEPT VC-KF01.1976

K&F CONCEPT 58mm Magnetic Variable ND Lens Filter ND8-ND128 Instruction Manual

Model: VC-KF01.1976

Introduction Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

The K&F CONCEPT 58mm Magnetic Variable ND Lens Filter (ND8-ND128) is designed to provide precise light control for your camera lens. Featuring magnetic technology for quick attachment and removal, this filter offers 3 to 7 stops of light reduction without affecting color balance. Its advanced frame self-lock technology helps eliminate the common 'X' cross effect, especially with wide-angle lenses. The filter is also equipped with 28 multi-layer nanometer coatings, making it waterproof, scratch-resistant, and anti-glaring for enhanced durability and image quality.

2. Setup

Before using the variable ND filter, ensure your camera lens has a 58mm filter thread. The filter kit includes one ND8-ND128 filter and one magnetic basic adapter ring.

1. **Identify Lens Size:** Locate the filter thread size on your lens, usually indicated by a "∅" (diameter) symbol followed by a number (e.g., ∅58mm).
2. **Attach Magnetic Adapter Ring:** Carefully screw the magnetic basic adapter ring onto your camera lens. Ensure it is securely fastened but do not overtighten.
3. **Attach ND Filter:** Once the adapter ring is in place, the variable ND filter can be magnetically attached to the adapter ring. The magnetic design allows for quick and easy attachment and removal.



Image: The magnetic filter system allows for quick attachment to the lens via an adapter ring.

Setup Video Guide

Your browser does not support the video tag.

Video: This video demonstrates the magnetic attachment process of the K&F Concept Variable ND filter, highlighting its quick 1-second swap feature.

3. Operation

The variable ND filter allows you to control the amount of light entering your lens, providing flexibility in various lighting conditions.

1. **Adjusting Neutral Density:** Rotate the outer ring of the filter to adjust the neutral density from ND8 (3 stops) to ND128 (7 stops). This allows you to achieve slower shutter speeds or wider apertures in bright conditions.

2. **Avoiding 'X' Cross:** The filter incorporates a frame self-lock technology designed to prevent the dark 'X' cross pattern that can occur with some variable ND filters, especially at wider angles or higher ND settings. Rotate the filter within its designated range to maintain optimal image quality.



Image: The filter features accurate calibration markings for ND8 to ND128 settings.



Image: A visual comparison demonstrating the absence of the 'X' cross effect with the K&F CONCEPT filter.

Operation Video Guide

Your browser does not support the video tag.

Video: This video illustrates the ease of swapping magnetic filters and adjusting the variable ND settings for different photographic scenarios.

4. Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your K&F CONCEPT ND filter.

- **Cleaning:** The filter features 28 multi-layer nanometer coatings that are waterproof and scratch-resistant. To clean, gently wipe the glass surfaces with a clean, soft microfiber cloth. For stubborn smudges, use a small amount of lens cleaning solution specifically designed for optical glass.
- **Storage:** Store the filter in its protective case when not in use to prevent dust accumulation and accidental damage.
- **Handling:** Avoid touching the glass surfaces directly with your fingers to prevent oil and fingerprint smudges.



Image: The filter's waterproof coating repels water, making it easy to clean and protecting it from the elements.



Image: A close-up view highlighting the 28-layer nanometer coating on the filter, which provides ultra-low reflectivity and anti-glaring properties.

5. Troubleshooting

- **'X' Cross Pattern:** While the filter is designed with frame self-lock technology to prevent the 'X' cross, ensure you are rotating the filter within its marked ND range. Exceeding the maximum ND setting or using it with extremely wide-angle lenses at maximum density might still introduce some artifacts. Adjust the ND level slightly to resolve this.
- **Filter Not Attaching Securely:** Ensure the magnetic adapter ring is correctly and firmly screwed onto your lens. Check for any debris between the filter and the adapter ring that might prevent a secure magnetic connection. If the magnetic connection feels weak, inspect both the filter and adapter for damage.
- **Vignetting:** If you observe dark corners in your images, especially with wide-angle lenses, this might be vignetting. Ensure the filter size (58mm) is appropriate for your lens and that no other filters are stacked unnecessarily.
- **Image Softness/Loss of Clarity:** Ensure the filter is clean and free from smudges or dust. Also, verify that the filter is correctly seated and not cross-threaded on the adapter ring.

6. Specifications

Brand	K&F CONCEPT
Model Number	VC-KF01.1976
Material	Optical Glass
Photo Filter Thread Size	58 Millimeters
Coating Description	28 Multi-Layer Coatings (Nanometer)
Photo Filter Effect Type	Neutral Density (Variable ND8-ND128)
Light Reduction	3-7 Stops
Water Resistance Level	Waterproof
Product Dimensions	3.94 x 3.94 x 0.04 inches (Filter: 2.28"L x 2.28"W)
Item Weight	2.46 ounces

7. Warranty and Support

For warranty information, technical support, or any product-related inquiries, please contact K&F CONCEPT customer service through their official website or the retailer where the product was purchased. Please have your model number (VC-KF01.1976) and purchase details ready when contacting support.

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