K&F CONCEPT K-Series 82mm Black Diffusion 1/8 Filter

K&F Concept 82mm Black Diffusion 1/8 Filter Instruction Manual

Model: K-Series 82mm Black Diffusion 1/8 Filter
Brand: K&F CONCEPT

Introduction

The K&F Concept Black Diffusion 1/8 Filter is designed to enhance photographic and videographic output by softening highlight glare and lowering overall contrast. This filter helps to create a subtle, dreamy, and cinematic effect, making skin tones appear more delicate and smooth. It is constructed from high-quality optical glass with advanced coatings to ensure optical clarity and durability.

Setup

1. Identifying Your Lens Thread Size

Before attaching the filter, verify your camera lens's thread size. This number is typically printed on the front of your lens barrel or on the lens cap, often preceded by a "ø" (diameter) symbol. Ensure the filter size (e.g., 82mm) matches your lens thread size.

2. Attaching the Filter

1. Gently align the filter's threads with the threads on the front of your camera lens.
2. Carefully rotate the filter clockwise. Avoid cross-threading.
3. Tighten the filter until it is secure, but do not overtighten. The ultra-slim frame (3.3mm) is designed for easy installation and removal.



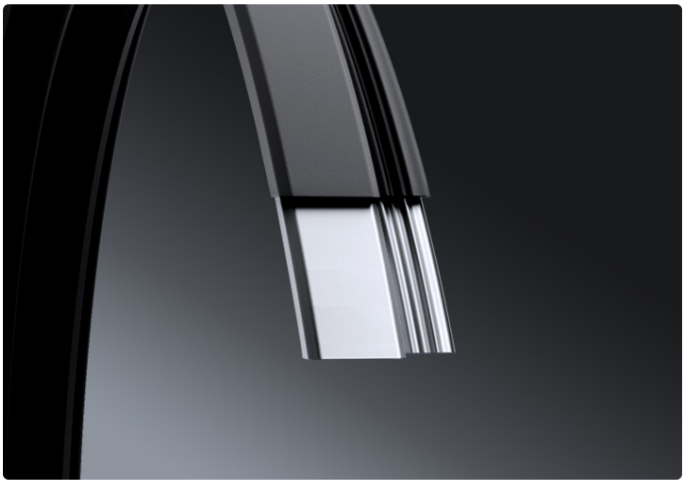
The K&F Concept Black Diffusion 1/8 Filter securely attached to a camera lens. This image highlights the filter's slim profile and how it integrates with the lens.

Operating the Filter

1. Understanding the Effect

The 1/8 Black Diffusion filter introduces a subtle mist effect, which diffuses light and softens the overall image. This results in:

- **Softened Highlights:** Bright light sources and specular highlights will exhibit a gentle glow or bloom, reducing their intensity.
- **Lowered Contrast:** The overall contrast of the image is slightly reduced, contributing to a more film-like or vintage aesthetic.
- **Delicate Skin Tones:** Imperfections on skin are subtly smoothed, creating a more flattering portrait.



This image demonstrates the subtle softening effect of the Black Diffusion 1/8 filter on skin tones and highlights in a portrait. The left side shows the original image, while the right side shows the effect of the filter.

2. Recommended Usage

This filter is particularly effective for:

- **Portrait Photography:** To achieve softer skin textures and a more flattering appearance.
- **Video and Vlogging:** To give footage a cinematic, dreamy, or vintage feel.
- **Scenes with Strong Highlights:** To control harsh light sources and reduce glare.



An example of the dreamy cinematic effect achieved with the K&F Concept Black Diffusion filter in a portrait setting.

Maintenance

1. Cleaning the Filter

To maintain optimal performance and image quality, keep your filter clean:

- Use a clean, soft microfiber cleaning cloth (often included with the filter) to gently wipe away dust and smudges.
- For stubborn marks, apply a small amount of lens cleaning solution to the microfiber cloth, then gently wipe the filter surface. Avoid applying liquid directly to the filter.
- Do not use abrasive materials or harsh chemicals, as these can damage the filter's coatings.



The K&F Concept Black Diffusion 1/8 Filter comes with microfiber cleaning cloths for proper maintenance.

2. Storage

When not in use, store the filter in its protective case to prevent scratches, dust accumulation, and accidental damage.

Troubleshooting

- **Vignetting:** The K&F Concept filter features an ultra-slim 3.3mm aviation aluminum frame designed to prevent vignetting, even on wide-angle lenses. If you experience dark corners in your images, ensure the filter is correctly seated and that no other

accessories are causing obstruction.

- **Filter Stuck on Lens:** If the filter becomes difficult to remove, avoid applying excessive force. Try using a rubber grip or a specialized filter wrench to gently loosen it. Ensure the filter was not cross-threaded during installation.
- **Unwanted Color Cast:** This filter is made from Japanese AGC high-precision optical glass with 18 multi-layer nanometer coatings, ensuring 87% transmittance without color shift. If you notice an unexpected color cast, check your camera's white balance settings or other filters that might be stacked.

Specifications

Feature	Detail
Brand	K&F CONCEPT
Model	Black Diffusion 1/8 Filter
Material	Optical Glass
Photo Filter Thread Size	82 Millimeters
Coating Description	18 Multi-Layer Nano Coating
Photo Filter Effect Type	Diffusion
Frame Thickness	3.3 mm (Ultra-slim)
Frame Material	Aviation Aluminum
Transmittance	87%
Water Resistance Level	Not Water Resistant
Product Dimensions	3.23 x 3.23 x 0.04 inches
Item Weight	3.2 ounces

Warranty and Support

For warranty information, product support, or any inquiries regarding your K&F Concept Black Diffusion Filter, please refer to the official K&F Concept website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

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

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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