Hama UV Filter 390 (O-Haze) 58mm

Hama UV Filter 58mm Instruction Manual

Model: UV Filter 390 (O-Haze) 58mm

1. Introduction

The Hama UV Filter 58mm is designed to protect your camera lens and enhance image quality by blocking harmful ultraviolet rays. This filter features a 4-way coating for improved light transmission and a slim metal frame to prevent vignetting. It is suitable for various camera lenses with a 58mm filter thread, including those from Canon, Nikon, and Sony.

What's in the Box

- 1 x Hama UV Filter (58 mm filter thread, 3.4 mm socket thickness)
- 1 x Filter Box

2. Product Overview

This section provides a visual and descriptive overview of the Hama UV Filter.

Image 2.1: Front view of the Hama UV Filter 58mm. This image shows the clear glass filter with its black metal frame, featuring the Hama logo.

Image 2.2: Side profile of the Hama UV Filter 58mm. This view highlights the slim design of the filter's metal frame, which helps prevent vignetting.

Key Features

- **All-round protection:** Blocks UV rays and protects the front lens from scratches, dirt, and water.
- **Unique image effect:** Enables clear, sharp photos and reduces haze and fog in landscape shots.
- **High-quality lens glass:** Features AR coating with two layers on each side for better light transmission.
- **Durable metal frame:** Black, scratch-resistant metal frame.

- **Flat frame thickness:** 5 mm thickness prevents distortion in the wide-angle range.

3. Setup: Attaching the UV Filter

Follow these steps to correctly attach the Hama UV Filter to your camera lens:

1. **Identify Lens Filter Thread:** Ensure your camera lens has a 58mm filter thread. This information is usually printed on the front of your lens or in its specifications.
2. **Remove Lens Cap:** Carefully remove the lens cap from your camera lens.
3. **Align Filter:** Hold the Hama UV Filter with the threaded side facing the lens. Align the filter's threads with the threads on the front of your camera lens.
4. **Screw On Filter:** Gently turn the filter clockwise. Do not force it. If it doesn't turn smoothly, unscrew it, realign, and try again. Screw until it is finger-tight. Avoid over-tightening.
5. **Check for Secure Fit:** Ensure the filter is securely attached and sits flush against the lens.

Image 3.1: The Hama UV Filter positioned next to a camera lens, illustrating how it attaches to the lens's front thread.

4. Operation and Benefits

Once attached, the Hama UV Filter operates passively to improve your photography experience.

UV Ray Blocking

The primary function of this UV filter is to block invisible ultraviolet light. UV light can cause a bluish cast in photographs, especially in outdoor, high-altitude, or coastal environments, leading to reduced contrast and clarity. By filtering these rays, the Hama UV Filter helps maintain natural colors and sharpness in your images.

Lens Protection

Beyond optical benefits, the filter acts as a physical barrier, protecting the delicate front element of your expensive camera lens from dust, scratches, fingerprints, and accidental impacts. In the event of an impact, the filter is designed to absorb the force, potentially sacrificing itself to save your lens.

Image 4.1: A broken Hama UV Filter still attached to a camera lens, demonstrating its protective function by absorbing impact and preventing damage to the lens itself.

Enhanced Image Clarity

The 4-way coating on the filter minimizes reflections and maximizes light transmission, ensuring that the filter does not negatively impact image quality. This results in clearer, sharper photographs with reduced

atmospheric haze, particularly beneficial for landscape photography.

Image 4.2: A Hama UV Filter shown in a landscape photography context, illustrating its role in capturing clear and vibrant outdoor scenes by reducing haze.

5. Maintenance

Proper care and maintenance will extend the life of your Hama UV Filter and ensure optimal performance.

Cleaning the Filter

1. **Remove Dust:** Use a blower brush or a soft, lint-free cloth to gently remove any loose dust or particles from the filter surface.
2. **Clean Smudges:** For fingerprints or smudges, apply a small amount of lens cleaning solution to a clean microfiber cloth. Gently wipe the filter surface in a circular motion from the center outwards.
3. **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the filter's coating.

Storage

- When not in use, store the UV filter in its included filter box or a protective pouch to prevent scratches and dust accumulation.
- Keep the filter in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Here are some common issues and their potential solutions when using a UV filter.

Vignetting (Dark Corners)

Issue: Darkening at the corners of your images, especially noticeable with wide-angle lenses.
Solution: The Hama UV Filter features a flat frame thickness of 5 mm, which is designed to minimize vignetting. If you still experience vignetting, ensure the filter is correctly seated and not cross-threaded. In rare cases with extremely wide-angle lenses, stacking multiple filters or using a very thick filter can cause vignetting. This filter's slim design aims to prevent this.

Reduced Image Sharpness or Flare

Issue: Images appear less sharp, or you notice increased lens flare (unwanted light artifacts).
Solution: Ensure the filter surface is clean and free of smudges, dust, or scratches. Even minor imperfections can affect image quality. The 4-way coating is designed to reduce reflections and flare, but in strong light sources, direct light hitting the filter can still cause some flare. Try using a lens hood to block stray light.

Filter Stuck on Lens

Issue: The filter is difficult to remove from the lens.
Solution: Avoid over-tightening the filter during installation. To remove a stuck filter, try applying gentle, even pressure around the rim of the filter while twisting counter-clockwise. Rubber filter wrenches are also available for stubborn filters.

7. Specifications

Detailed technical specifications for the Hama UV Filter 58mm.

Feature	Detail
Brand	Hama
Model Name	UV Filter 390 (O-Haze), 58.0 mm, coated
Photo Filter Thread Size	58 Millimeters
Photo Filter Size	58 Millimeters
Photo Filter Effect Type	Ultraviolet
Coating Description	Multi Coating (4X Coating)
Material	Metal (frame), High-quality lens glass
Frame Thickness	5 mm (overall), 3.4 mm (socket thickness)
Water Resistance Level	Water Resistant
Item Weight	41 Grams

Compatible Devices	Canon, Nikon, Sony, and other lenses with 58mm filter thread

8. Warranty and Support

Hama products are manufactured to high-quality standards. For specific warranty information regarding your Hama UV Filter, please refer to the documentation included with your purchase or visit the official Hama website.

For technical support, product inquiries, or warranty claims, please contact Hama customer service through their official channels. You can typically find contact information on the Hama website or in the product packaging.

Official Hama Website: www.hama.com