

## Hama 00070077

# Hama UV Filter 00070077 Instruction Manual

Model: 00070077 | Size: 77mm

## 1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your Hama UV Filter 00070077. This 77mm UV filter is designed to protect your camera lens and enhance image quality by reducing ultraviolet light. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

The Hama UV Filter 00070077 is a protective and optical accessory for camera lenses. It features a 77mm filter thread and is constructed with double-coated optical glass within a black metal frame. Its primary functions include physical lens protection and ultraviolet light reduction.



*Figure 1: Front view of the Hama UV Filter, showing the Hama branding and filter ring.*



*Figure 2: Side profile of the Hama UV Filter, illustrating its slim design and threaded edges.*

### Key Features:

- **Lens Protection:** Shields the front lens element from scratches, dust, and fingerprints.
- **UV Light Reduction:** Absorbs ultraviolet rays, which can cause haze and reduce contrast in photographs, especially outdoors.
- **Double Coating:** Optical glass is coated on both sides to minimize reflections and flare.
- **Standard Thread:** 77mm filter thread for compatibility with various lenses.

- **Double Screw Thread:** Allows for the attachment of additional filters, lens hoods, or lens caps.

### 3. SETUP AND INSTALLATION

Installing the Hama UV Filter is a straightforward process. Ensure your camera lens has a 77mm filter thread. This information is typically printed on the front of your lens or in its specifications.

#### Installation Steps:

1. **Prepare Your Lens:** Ensure your camera lens is clean and free of dust or debris before attaching the filter.
2. **Align the Filter:** Carefully align the Hama UV Filter with the filter threads on the front of your camera lens.
3. **Screw On:** Gently turn the filter clockwise until it is securely fastened. Avoid overtightening, as this can make removal difficult.
4. **Check for Secure Fit:** Ensure the filter is firmly attached but not excessively tight.



Figure 3: The Hama UV Filter positioned next to a camera lens, illustrating how it attaches.

The double screw thread on the Hama UV Filter allows for stacking additional filters (e.g., polarizers, neutral density

filters) or attaching a lens hood or cap directly to the UV filter.

## 4. OPERATING INSTRUCTIONS

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Once installed, the Hama UV Filter operates passively, providing continuous protection and optical benefits without requiring user interaction during photography.

### Benefits During Use:

- **Enhanced Image Clarity:** By filtering out UV light, the filter helps to reduce atmospheric haze, resulting in clearer images with better contrast, particularly in outdoor and landscape photography.
- **Lens Protection:** The filter acts as a sacrificial barrier, protecting the more expensive front element of your camera lens from accidental impacts, scratches, and environmental elements like dust and moisture.



Figure 4: Example of the Hama UV Filter's application in bright, outdoor conditions, such as skiing, where UV light is prevalent.





Figure 5: The Hama UV Filter enhancing image quality in a hiking scenario, reducing haze in distant landscapes.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optical performance of your Hama UV Filter.

### Cleaning Instructions:

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. **Fingerprints/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 Abrasives:** Do not use abrasive materials, harsh chemicals, or excessive force, as this can damage the filter's coating.

### Storage:

- When not in use, store the UV filter in its protective case or a clean, dry environment to prevent dust

accumulation and accidental damage.



*Figure 6: Close-up view of the Hama UV Filter, highlighting the branding and the quality of the glass, emphasizing the importance of careful handling and cleaning.*

## **6. TROUBLESHOOTING**

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This section addresses common issues you might encounter with your Hama UV Filter.

Problem	Possible Cause	Solution
Filter difficult to attach/remove	Misalignment or overtightening.	Ensure correct alignment before screwing. If stuck, try using a rubber filter wrench or a rubber glove for better grip. Avoid overtightening during installation.
Reduced image quality (e.g., softness, reflections)	Dirty filter surface, internal reflections, or manufacturing defect.	Clean the filter thoroughly as per maintenance instructions. Ensure the filter is securely attached. If issues persist after cleaning, contact Hama support.
Vignetting (dark corners in images)	Using the filter on a wide-angle lens, or stacking multiple filters.	Vignetting can occur with very wide-angle lenses or when stacking multiple filters. Consider removing additional filters or using a thinner filter if available.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Hama
Model Number	00070077
Filter Type	UV (Ultraviolet)
Filter Thread Size	77 mm
Material	Optical Glass, Metal Frame
Coating	Double Coated (one layer on each side)
Frame Thickness	3.4 mm
Product Dimensions	3.03"L x 3.03"W x 0.04"H (approx.)
Item Weight	1.45 ounces


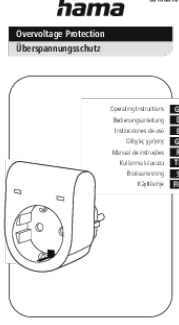

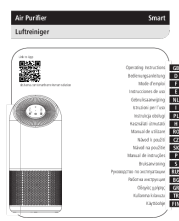

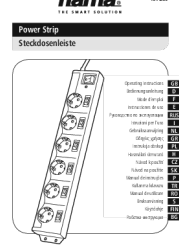
## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or service inquiries, please refer to the official Hama website or contact Hama customer service directly. Keep your purchase receipt as proof of purchase.

**Hama Official Website:** [www.hama.com](http://www.hama.com)





	<p><a href="#">Hama Lens Screen Protector for Samsung Galaxy Z Flip7</a></p> <p>Protect your Samsung Galaxy Z Flip7 camera lenses with the Hama 'Cam Protect' lens screen protector. Made from durable tempered glass, it offers optimal protection against scratches and impacts without compromising photo quality. The package includes the camera protector, a microfibre cloth, and an instruction manual.</p>
	<p><a href="#">Hama Overvoltage Protection Device - User Manual &amp; Technical Data</a></p> <p>Comprehensive guide for the Hama Overvoltage Protection device, covering safety instructions, proper use, connection, insurance, service, and technical specifications. Supports multiple languages.</p>
	<p><a href="#">Hama AM-8100 Optical Mouse User Manual and Declaration of Conformity</a></p> <p>This document provides the user manual and EU declaration of conformity for the Hama AM-8100 optical mouse, detailing setup, warranty, and compliance information.</p>
	<p><a href="#">Hama Smart Air Purifier Luftreiniger - Operating Instructions</a></p> <p>Comprehensive operating instructions and technical specifications for the Hama Smart Air Purifier (Model 00186437), covering setup, usage, maintenance, safety, and app connectivity.</p>
	<p><a href="#">Hama Magnetic+Glass+Display Glass Cover - Operating Instructions</a></p> <p>Detailed operating instructions and safety information for the Hama Magnetic+Glass+Display Glass Cover, covering installation, usage, and warranty.</p>
	<p><a href="#">Hama Power Strip 00 137239 User Manual   Safety, Connection, Technical Data</a></p> <p>Comprehensive user manual for the Hama Power Strip (00 137239), covering safety instructions, connection guide, technical specifications, and environmental information.</p>