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› Hama 72555 Circular Polarization Filter 55mm Instruction Manual

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Hama 72555 Circular Polarization Filter 55mm Instruction Manual

Model: 72555

1. INTRODUCTION

The Hama 72555 Circular Polarization Filter is an essential accessory designed to enhance photographic images by controlling light reflections and improving color saturation. This filter is specifically compatible with camera lenses that have a 55mm thread size. It serves to deepen blue skies, make clouds appear whiter, and reduce unwanted reflections from non-metallic surfaces such as water, glass, and plastic. Additionally, it provides a protective layer for your camera lens against scratches, dust, and fingerprints.

2. SETUP AND INSTALLATION

Attaching the Hama 72555 Circular Polarization Filter to your camera lens is a straightforward process.

- 1. Identify Lens Thread Size:** Ensure your camera lens has a 55mm filter thread. This information is usually printed on the front of your lens or on the lens cap.
- 2. Align the Filter:** Carefully align the filter with the filter thread on the front of your camera lens.
- 3. Attach Securely:** Gently rotate the filter clockwise until it is securely fastened. Avoid overtightening, as this can make removal difficult.



Image 1: The Hama 72555 Circular Polarization Filter, ready for attachment to a camera lens. This filter is designed for 55mm lens threads.

3. OPERATING INSTRUCTIONS

A circular polarization filter allows you to control reflections and enhance colors in your photographs. The filter consists of two rings: a stationary ring that attaches to your lens and a rotating outer ring.

- **Reducing Reflections:** To reduce reflections from non-metallic surfaces (such as water, glass, or plastic), look through your camera's viewfinder or live view and slowly rotate the outer ring of the filter. Observe how the reflections diminish or disappear. The most effective reduction is typically achieved when shooting at an angle of 30-40° to the reflective surface.
- **Enhancing Colors and Contrast:** By rotating the filter, you can also deepen blue skies, make clouds appear whiter, and increase overall color saturation, especially in landscape photography. Continue rotating the outer ring until you achieve the desired effect.



Image 2: An example of the Hama 72555 Circular Polarization Filter's effect, enhancing the blue sky and green foliage while reducing haze.



Image 3: A close-up view of the Hama 72555 filter, highlighting the textured outer ring used for rotation to adjust the polarization effect.

4. MAINTENANCE

Proper care ensures the longevity and optimal performance of your polarization filter.

- **Cleaning:** Use a soft, lint-free microfiber cloth specifically designed for optical surfaces to gently wipe away dust and smudges. For stubborn marks, apply a small amount of lens cleaning solution to the cloth (not directly to the filter) and clean in a circular motion.
- **Storage:** Always store the filter in its protective case when not in use. This prevents scratches, dust accumulation, and accidental damage.
- **Protection:** The filter also acts as a physical barrier, protecting your valuable camera lens from scratches, dust, and fingerprints.

5. TROUBLESHOOTING

If you encounter issues while using your Hama 72555 Circular Polarization Filter, consider the following common solutions:

- **Uneven Polarization Effect:** The polarization effect is dependent on the angle of the sun relative to your subject. If the effect appears uneven, try adjusting your shooting angle or rotating the filter to find the optimal position.
- **Darker Images:** Polarization filters inherently reduce the amount of light reaching the camera sensor (this filter has a

Photo Filter Factor of 4x, meaning it reduces light by approximately 2 stops). Compensate by adjusting your camera's exposure settings, such as increasing ISO, widening the aperture, or slowing down the shutter speed.

- **Vignetting (Dark Corners):** This can occur, especially when using wide-angle lenses or if multiple filters are stacked. If persistent, consider using a slim-profile filter or removing other stacked filters.

6. SPECIFICATIONS

Brand	Hama
Model Number	00072555
Material	Glass, Plastic
Photo Filter Thread Size	55mm (5.5 centimeters)
Photo Filter Effect Type	Polarizer, Ultraviolet
Photo Filter Factor	4x
Coating Description	No Coating
Water Resistance Level	Not Water Resistant
Product Dimensions	2.17"L x 2.17"W
Item Weight	60 g
Compatible Devices	Cameras with 55mm lens thread size

7. WARRANTY AND SUPPORT

For specific warranty information, technical support, or customer service inquiries regarding your Hama 72555 Circular Polarization Filter, please refer to the official Hama website or contact your authorized retailer. Specific warranty details are not provided within this instruction manual.

