

Vivitar 4332245209

Vivitar 67mm UV and Circular Polarizing Filter Kit Instruction Manual

Model: 4332245209

INTRODUCTION

This manual provides comprehensive instructions for the proper use, installation, and maintenance of your Vivitar 67mm UV and Circular Polarizing Filter Kit. Please read this manual thoroughly to ensure optimal performance and longevity of your filters.

PRODUCT OVERVIEW

The Vivitar 67mm Filter Kit includes two essential photographic filters and a cleaning cloth designed to enhance your photography and protect your lens.

Components:

- **67mm UV (Skylight 1A) Filter:** Provides protection against dust, dirt, scratches, and fingerprints. It also reduces ultraviolet haze, which can cause a bluish cast in outdoor photos.
- **67mm Circular Polarizing (CPL) Filter:** Used to manage reflections from non-metallic surfaces (like water or glass) and to increase color saturation, particularly in skies, making clouds stand out more prominently.
- **Nwv Direct Microfiber Cleaning Cloth:** For safe and effective cleaning of your filters and lens surfaces.

Key Features:

- High-index / low-dispersion optical glass construction.
- Fully multi-coated for reduced reflections and increased light transmission.
- Anti-reflection coating to minimize flare and ghosting.
- Titanium anodized finish for durability.
- Compatible with high-speed auto-focus and infrared systems.
- Designed to maximize light and image transmission for both day and night photography.



Image: The Vivitar 67mm UV filter (bottom), 67mm Circular Polarizing filter (top), and the included microfiber cleaning cloth.

SETUP AND INSTALLATION

To attach a filter to your camera lens, ensure your lens has a 67mm filter thread. The filter thread size is typically marked on the front of your lens or on the lens cap.

1. Carefully align the filter's threads with the threads on the front of your camera lens.
2. Gently rotate the filter clockwise until it is securely fastened. Avoid overtightening, as this can make removal difficult.
3. To remove, rotate the filter counter-clockwise until it detaches from the lens.

Filters can be stacked (e.g., UV filter first, then CPL filter), but be aware that stacking multiple filters can sometimes lead to vignetting (darkening of the corners of the image), especially with wide-angle lenses.

OPERATING INSTRUCTIONS

Using the UV (Skylight 1A) Filter:

The UV filter is primarily a protective filter and can generally be left on your lens at all times. It helps to:

- Protect the front element of your lens from dust, scratches, and accidental impact.
- Reduce atmospheric haze caused by ultraviolet light, resulting in clearer images, especially in bright outdoor conditions or at high altitudes.

Using the Circular Polarizing (CPL) Filter:

The CPL filter is an effect filter that requires adjustment to achieve the desired result.

1. Attach the CPL filter to your lens.
2. Look through your camera's viewfinder or live view screen.
3. Rotate the outer ring of the CPL filter slowly. As you rotate, you will observe changes in reflections and color saturation.
4. Stop rotating when you achieve the desired effect, such as reduced glare on water or glass, or a deeper blue sky.

The effect of a CPL filter is most pronounced when shooting at a 90-degree angle to the sun. It has little to no effect when shooting directly into or away from the sun.



Image: A visual comparison showing the effect of a Circular Polarizing filter on sky saturation and reflection reduction.

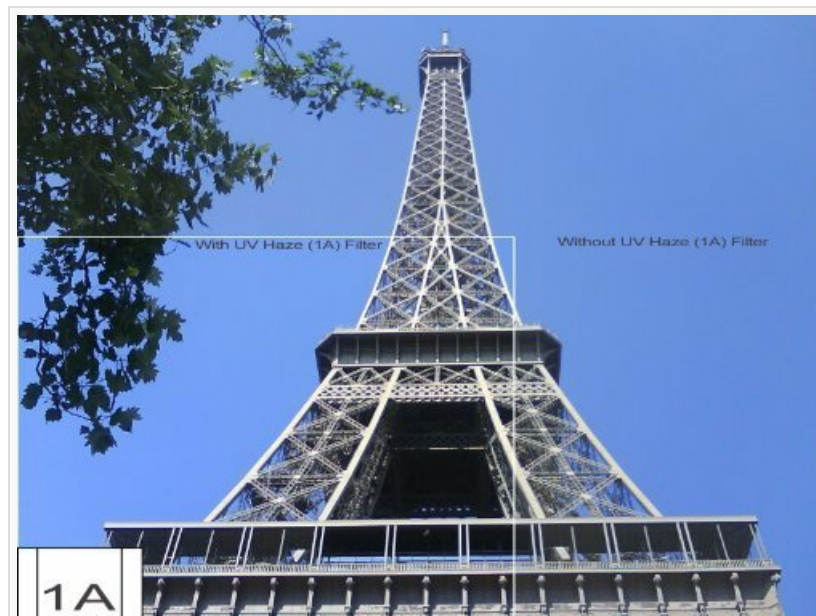


Image: A visual comparison demonstrating the reduction of UV haze with a UV (1A) filter, showing clearer distant details.

MAINTENANCE

Proper care will extend the life and maintain the optical quality of your filters.

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe away dust, fingerprints, or smudges. For stubborn marks, breathe lightly on the filter surface to create condensation, then wipe with the cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store filters in their protective cases or a dedicated filter pouch to prevent scratches and dust accumulation. Keep them in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always handle filters by their edges to avoid touching the glass surface.

TROUBLESHOOTING

- **Vignetting:** If dark corners appear in your images, especially with wide-angle lenses, try removing stacked filters or using a thinner filter frame if available.
- **Difficulty Removing Filter:** If a filter is stuck, try using a rubber grip or a filter wrench designed for this purpose. Avoid using excessive force.

- **Uneven Polarization:** With very wide-angle lenses, the polarizing effect on the sky can appear uneven. This is a characteristic of polarizing filters and wide-angle lenses, not a defect.

SPECIFICATIONS

Feature	Detail
Model Number	4332245209
Filter Thread Size	67 Millimeters
Material	Optical Glass
Coating Description	Multi Coating
Photo Filter Effect Type	Ultraviolet, Circular Polarizing
Water Resistance Level	Not Water Resistant
Product Dimensions	2.64 x 2.64 x 0.04 inches (each filter)
UPC	021331798046

WARRANTY AND SUPPORT

This Vivitar filter kit comes with a 10-year warranty, covering manufacturing defects. For warranty claims or technical support, please contact Vivitar customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.