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NEEWER FL-N26 Neo Metal CPL

Neewer CPL Filter for DJI NEO Drone - Instruction Manual

Model: FL-N26 Neo Metal CPL

1. PRODUCT OVERVIEW

The Neewer CPL (Circular Polarizer) Filter is designed specifically for the DJI NEO Drone to enhance aerial photography and videography. This ultra-slim, metal-framed filter features multicoated HD optical glass, engineered to reduce glare, eliminate reflections, and improve color saturation and contrast in your drone footage.



Image 1.1: NeeWER CPL Filter for DJI NEO Drone.

Key Features:

- **Compatibility:** Specifically designed for DJI NEO Drone.
- **Reflection Reduction:** Effectively eliminates glare and reflections from non-metallic surfaces such as water and glass.
- **Color Enhancement:** Improves saturation and contrast for more vibrant and detailed images.
- **Optical Quality:** Features HD optical glass with multiple coatings for high clarity, accurate color, and resistance to water, fingerprints, smudges, and scratches.
- **Secure Attachment:** Snap-on design with a metal hook ensures firm placement during flight and easy removal.
- **Lightweight Design:** Ultra-slim profile prevents vignetting and does not interfere with gimbal operation.



Image 1.2: Features of the Neewer CPL Filter on DJI NEO Drone.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x PL Filter
- 1 x Storage Case
- 1 x Cleaning Cloth



Secure Snap On Attachment

Snap on filter is quick to attach and remove, while a metal hook keeps it firmly in place during flight.



Image 2.1: Contents of the Neewer CPL Filter package.

3. SETUP AND INSTALLATION

Follow these steps to correctly install the Neewer CPL Filter on your DJI NEO Drone:

- 1. Prepare the Drone:** Turn the gimbal camera of your DJI NEO Drone face down.
- 2. Position the Filter:** Hold the filter and insert its metal hook into the grooves on both sides of the drone's camera housing.
- 3. Secure the Filter:** Gently press the filter down until it snaps securely onto the gimbal camera. Ensure it is firmly in place.
- 4. Verify Fit:** Confirm that the filter is flush and does not obstruct the gimbal's movement or the camera's view. The slim design is intended to prevent vignetting.

Package Contents

· 1 x PL Filter

· 1 x Filter Case

· 1 x Cleaning Cloth



Image 3.1: Step-by-step installation of the CPL Filter.

For a visual guide on installation, please refer to the video below:

Your browser does not support the video tag.

Video 3.1: Installation demonstration of the Neewer CPL Filter for DJI NEO Drone.

4. OPERATING INSTRUCTIONS

The CPL filter is designed to be used in bright conditions to manage light and improve image quality. Once installed, the filter works automatically to polarize light.

Benefits of the CPL Filter:

- **Reduce Glare and Reflections:** Ideal for shooting near water, glass, or other reflective surfaces. The filter minimizes unwanted glare, allowing for clearer views beneath surfaces or through windows.

- **Enhance Color Saturation and Contrast:** The filter deepens blue skies, makes clouds stand out, and intensifies foliage colors, resulting in more vibrant and visually appealing footage.

PL Filter

The PL filter eliminates reflection on nonmetallic surfaces and boosts saturation and contrast for vibrant colors. The PL filter is pre-aligned and requires no rotation.



Image 4.1: Effect of CPL filter on reducing reflections.

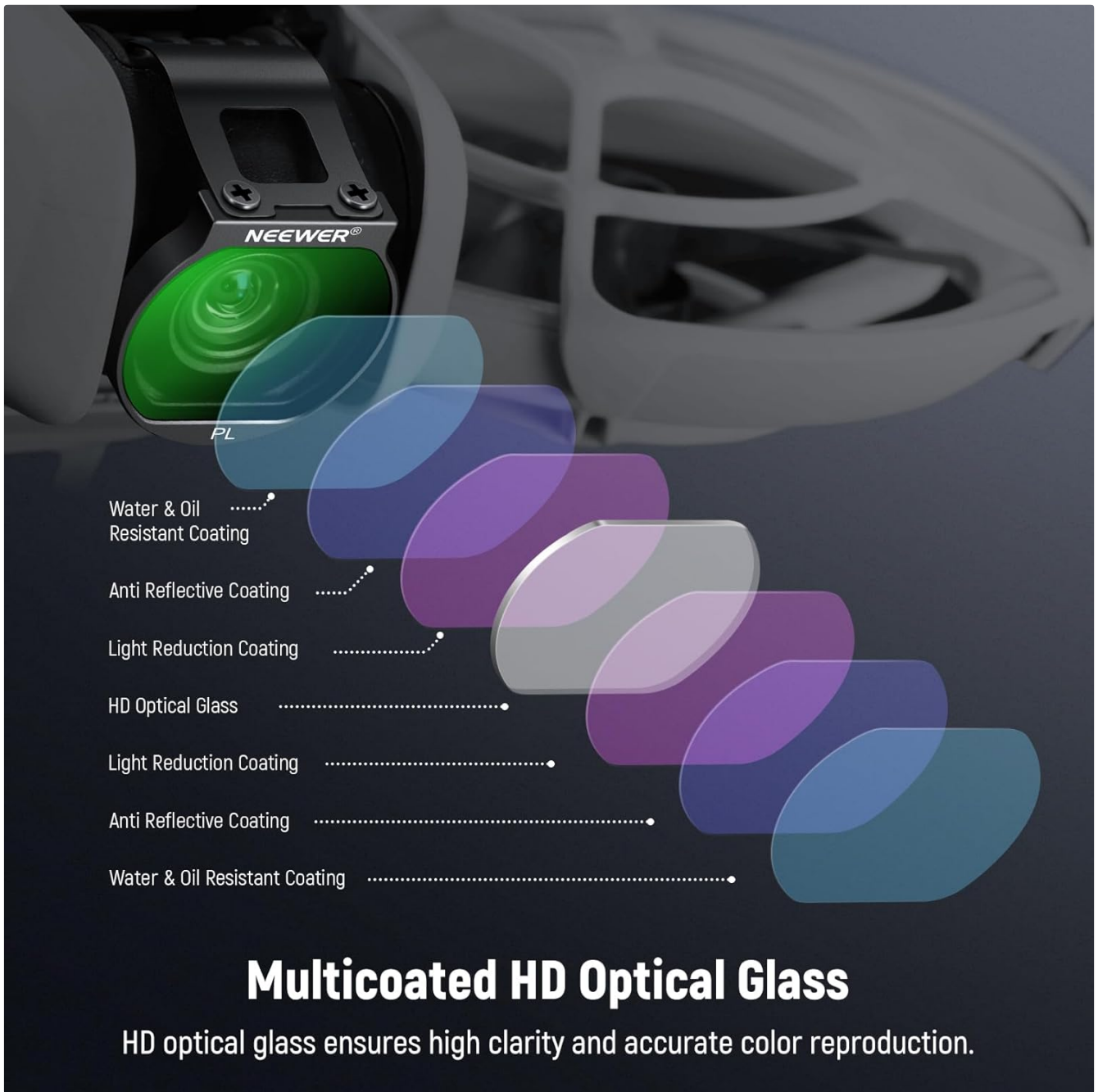


Image 4.2: Effect of CPL filter on enhancing color saturation.

5. MAINTENANCE

Proper care ensures the longevity and performance of your CPL filter:

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe the filter surface. For stubborn smudges or fingerprints, a small amount of lens cleaning solution can be applied to the cloth, not directly to the filter.
- **Storage:** Always store the filter in its protective case when not in use to prevent scratches and dust accumulation.
- **Handling:** Avoid touching the glass surface directly with your fingers to prevent oil and smudges. Hold the filter by its metal frame.

Protective Nano Coatings



Water &
Oil Resistant



Scratch
Resistant



Dust
Proof



Image 5.1: Protective nano coatings for easy maintenance.

6. TROUBLESHOOTING

If you encounter any issues with your CPL filter, consider the following:

- **Filter Not Attaching Securely:** Ensure the gimbal camera is facing down and the metal hooks are correctly aligned with the grooves. Apply gentle, even pressure until it snaps into place. Do not force the filter.
- **Vignetting (Dark Corners in Footage):** The filter is designed to be ultra-slim to prevent vignetting. If it occurs, double-check that the filter is correctly seated and not misaligned. Ensure no other accessories are interfering.
- **Unsatisfactory Polarization Effect:** CPL filters work best in bright, sunny conditions. The effect may be less noticeable in overcast weather. Also, ensure the filter is clean, as smudges can reduce its effectiveness.
- **Image Quality Issues (Blurriness, Haze):** Clean the filter thoroughly with the provided cloth. Ensure there are no scratches or damage to the optical glass.

7. SPECIFICATIONS

Feature	Detail
Brand	NEEWER
Model Name	FL-N26 Neo Metal CPL (Filtro CPL para Neo Drone)
Material	Optical Glass
Coating Description	Multi Coating
Photo Filter Effect Type	Polarizer
Water Resistance Level	Water Resistant
Special Effect	Polarizer
Item Weight	0.02 Kilograms
Compatible Devices	DJI NEO Drone

8. WARRANTY AND SUPPORT

This Neewer CPL Filter comes with a **1-Year Manufacturer Warranty**. For warranty claims or technical support, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For additional resources and product information, visit the [NEEWER Store on Amazon](#).