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> NEEWER ND/PL Filter Set Compatible with DJI Osmo Action 4/Action 5 Pro (4 Pack), Screw OnND8/PL+ND16/PL+ND32/PL+ND64/PL Filter Kit Action Camera Accessories Multicoated HD Optical Glass , FL-A14 ND8PL/ND16PL/ND32PL/ND64PL

## NEEWER 10105204

# NEEWER ND/PL Filter Set User Manual

Model: 10105204

## PRODUCT OVERVIEW

The NEEWER ND/PL Filter Set is designed to enhance outdoor sports photography and videography with DJI Osmo Action 4 and Action 5 Pro cameras. This premium filter set includes ND8/PL, ND16/PL, ND32/PL, and ND64/PL filters, providing precise exposure control, cinematic motion blur, and the ability to eliminate reflections while boosting color vibrancy. Each filter is crafted with multicoated HD optical glass for durability and features a lightweight aluminum frame for secure and easy installation.

# Specialized ND/PL Filter Kit Compatible with DJI Osmo Action 4



Image: Specialized ND/PL Filter Kit compatible with DJI Osmo Action 4/Action 5 Pro.

## PACKAGE CONTENTS

Upon opening the package, verify that all the following items are included:

- 1 x ND8/PL Filter
- 1 x ND16/PL Filter
- 1 x ND32/PL Filter
- 1 x ND64/PL Filter
- 1 x Storage Case
- 1 x Cleaning Cloth



## Package Contents

- 1 x ND8/PL Filter
- 1 x ND16/PL Filter
- 1 x ND32/PL Filter
- 1 x ND64/PL Filter
- 1 x Filter Case
- 1 x Cleaning Cloth

Image: All items included in the NEEWER ND/PL Filter Set package.

## SETUP AND INSTALLATION

The NEEWER ND/PL filters are designed for screw-in quick installation. Follow these steps to properly attach the filters to your DJI Osmo Action 4 or Action 5 Pro camera:

1. **Remove Original Lens:** Before attaching any NEEWER filter, it is essential to remove the original protective lens cover from your DJI Osmo Action camera. The filters are designed to screw directly onto the camera's lens mount.
2. **Align and Screw On:** Carefully align the chosen ND/PL filter with the camera's lens thread. Gently screw the filter clockwise until it is securely attached. Avoid overtightening.
3. **Verify Fit:** Ensure the filter is flush and stable on the camera lens. The lightweight aluminum frame ensures a secure fit during intense movements.

**Important Note:** Some users prefer snap-on filters that do not require removing the original lens cover. This NEEWER filter series requires the original lens to be removed for proper installation and sealing. If you prefer not to remove the original lens, consider NEEWER snap-on filter series (sold separately).

Your browser does not support the video tag.

Video: Demonstration of screw-in quick installation for NEEWER filters on a DJI Osmo Action camera. This video also showcases the effects of different filters.



Image: DJI Osmo Action camera with an installed ND/PL filter, alongside the complete filter set.

## OPERATING THE FILTERS

The NEEWER ND/PL filters combine the functions of Neutral Density (ND) and Polarizing (PL) filters, offering versatile control over your camera's exposure and image quality.

### Understanding ND/PL Filters

- **Neutral Density (ND) Function:** ND filters reduce the amount of light entering the camera sensor without affecting color balance. This allows for slower shutter speeds and wider apertures in bright conditions, enabling cinematic motion blur effects and proper exposure.
- **Polarizing (PL) Function:** PL filters reduce glare and reflections from non-metallic surfaces like water, glass, and foliage. They also enhance color saturation and contrast, making skies bluer and greenery more vibrant.

# 2 in 1

## ND Filter + PL Filter

The ND/PL filters offer a convenient solution by combining neutral density (ND) and polarizing (PL) filter functions into a single unit.



Image: Illustration of the combined ND and PL filter functions.

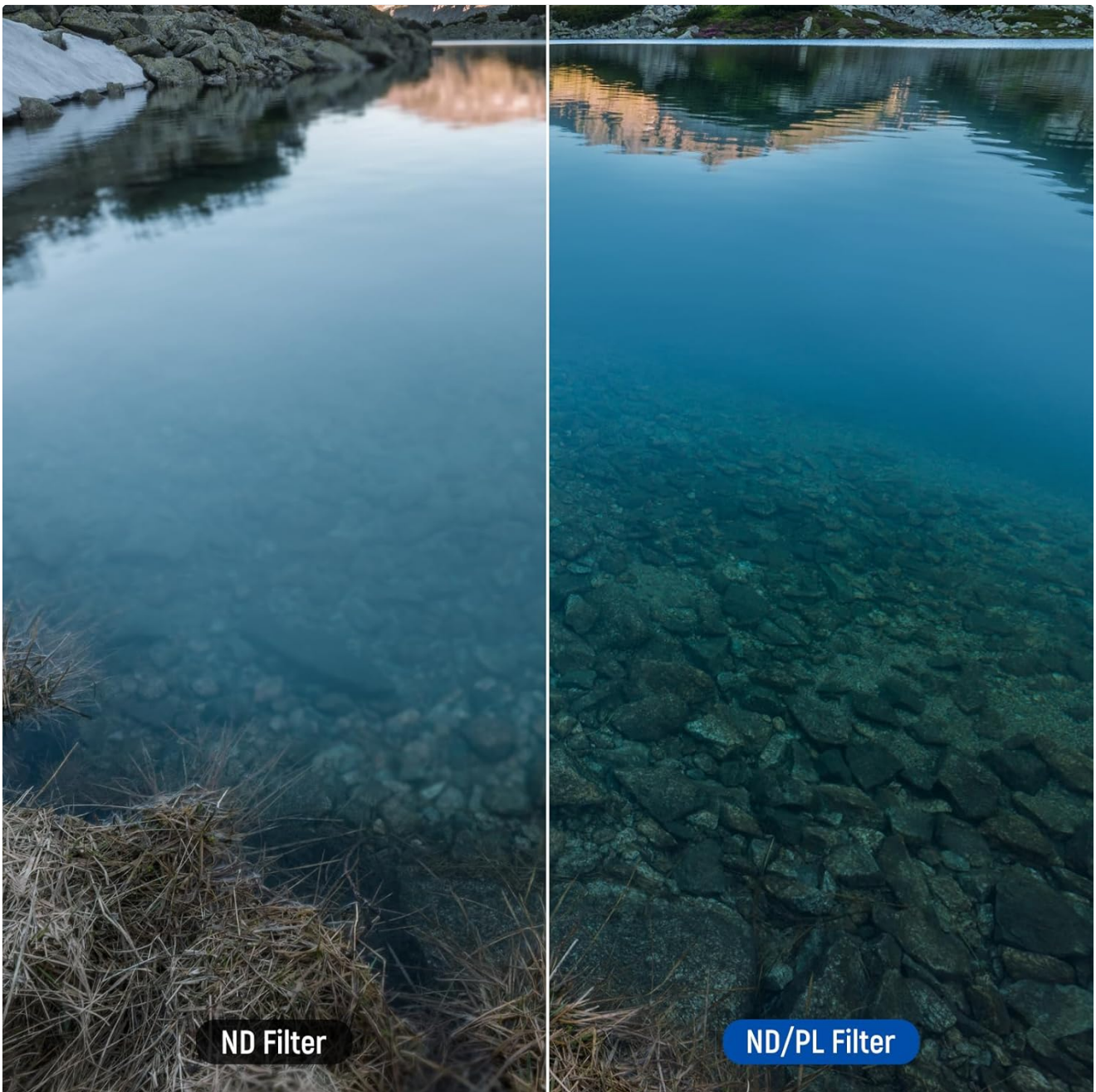


Image: Visual comparison demonstrating the effect of an ND/PL filter in reducing reflections on water compared to an ND filter alone.

## Filter Strengths and Applications

The set includes four different strengths to suit various lighting conditions:

- **ND8/PL:** Reduces light by 3 stops. Ideal for slightly overcast days or when subtle motion blur is desired.
- **ND16/PL:** Reduces light by 4 stops. Suitable for normal bright conditions.
- **ND32/PL:** Reduces light by 5 stops. Excellent for very bright conditions, such as sunny days at the beach or snow.
- **ND64/PL:** Reduces light by 6 stops. Best for extremely bright environments, allowing for very slow shutter speeds.

# Control Exposure & Reduce Reflections

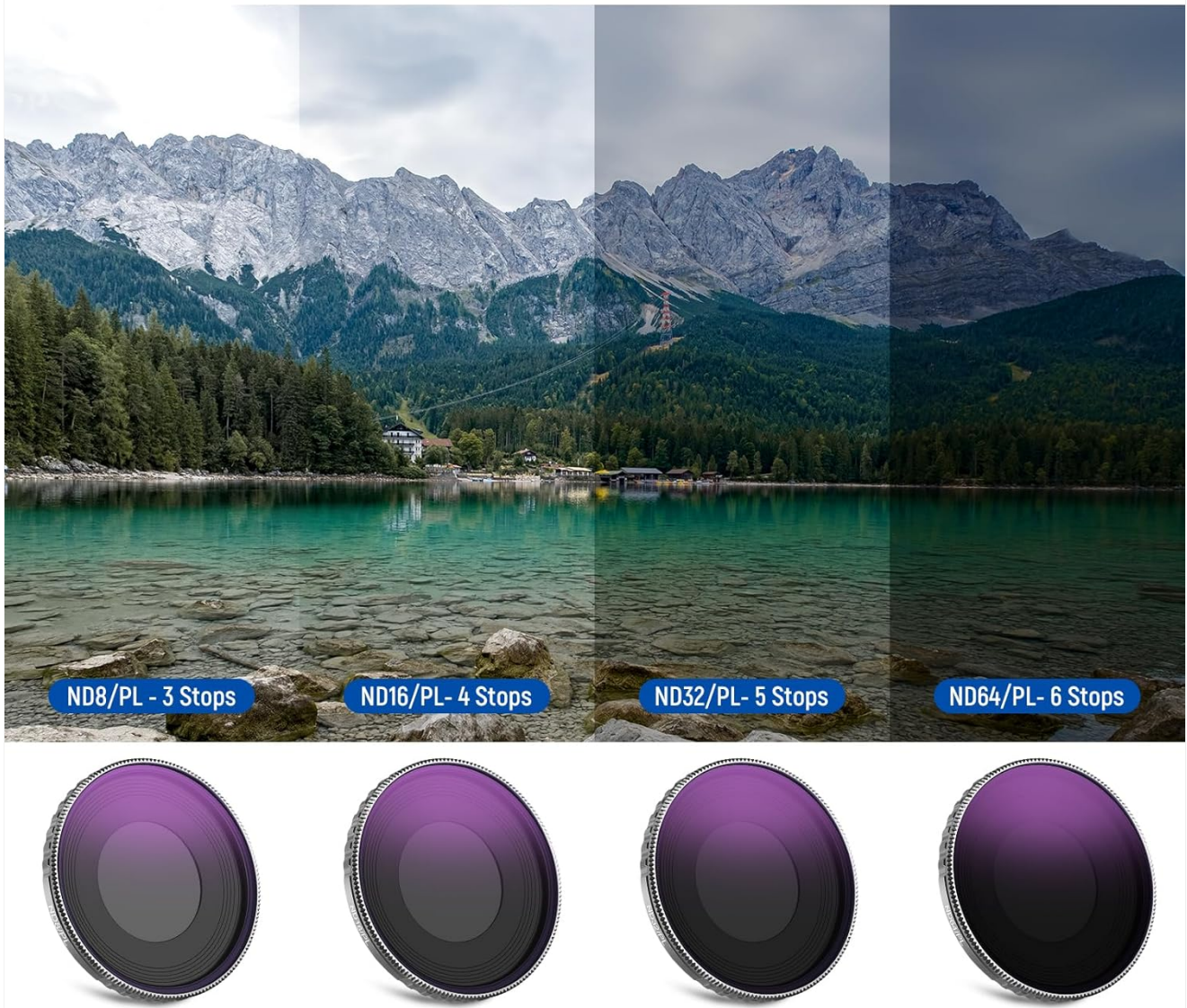


Image: Visual representation of exposure control and reflection reduction with different ND/PL filter strengths.

By selecting the appropriate filter, you can achieve perfectly exposed images and videos, capture dynamic motion blur, and enhance the overall visual appeal of your footage in various outdoor scenarios like surfing, snorkeling, kayaking, skiing, mountain biking, skydiving, and skateboarding.

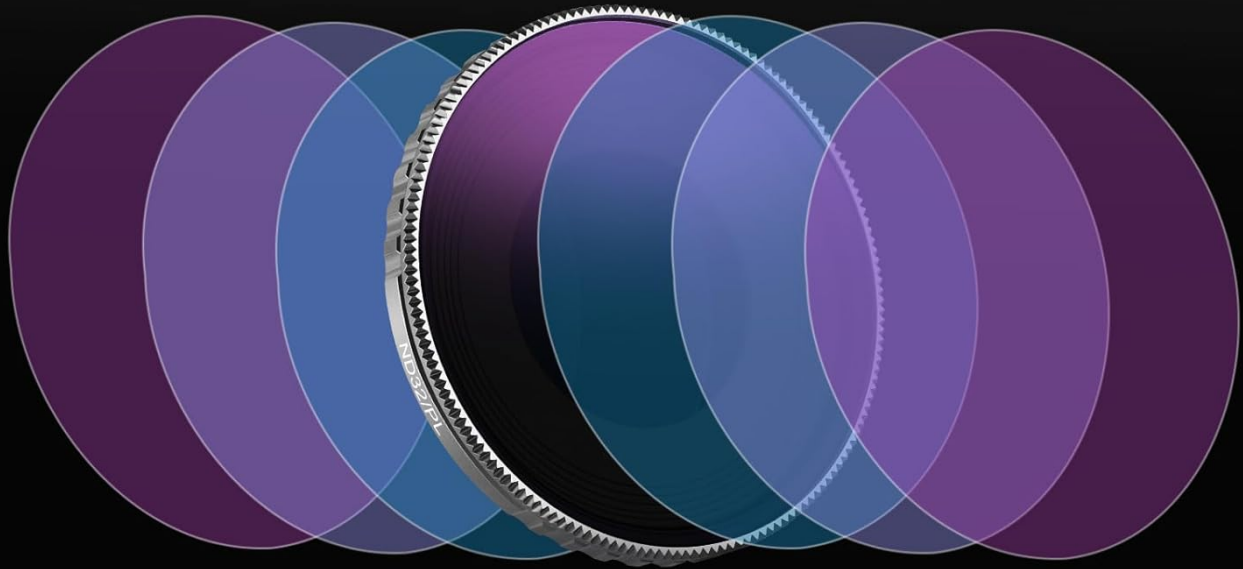
## MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your NEEWER ND/PL filters, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth to gently wipe the filter surfaces. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the filter.
- **Protection:** The filters feature 30 layers of protective nanometer coatings on both sides of the HD optical glass, making them resistant to water, oil, dust, and scratches. However, always handle them with care to prevent damage.
- **Storage:** When not in use, store the filters in the included storage case to protect them from dust, scratches, and impacts.

# Double Side Multi Layer NANO Coated

HD optical glass reduces light while maintaining the original color for clearer images.



Hardened  
Coating

Water & Oil  
Resistant  
Coating

Anti Reflection  
Coating

HD  
Optical  
Glass

Anti Reflection  
Coating

Water & Oil  
Resistant  
Coating

Hardened  
Coating

Image: Illustration of the double-sided multi-layer nano coating on the HD optical glass.

# Multiple Protective Coatings



Water &  
Oil Repellent



Scratch  
Resistant



Dust  
Proof

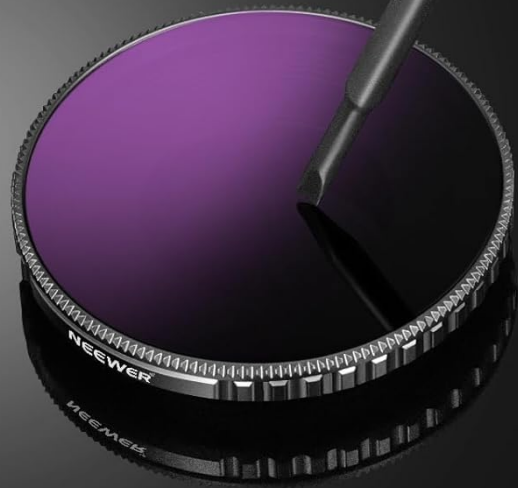


Image: Visual demonstration of the multiple protective coatings, highlighting water and oil repellency, scratch resistance, and dust proofing.

## TROUBLESHOOTING

This section addresses common observations and potential issues when using the NEEWER ND/PL Filter Set.

- **Filter Installation Difficulty:** If you find it difficult to screw on the filters, ensure that the original lens cover of your DJI Osmo Action camera has been completely removed. The filters are designed for direct threading onto the camera's lens mount. Do not force the filter if it doesn't align easily.
- **Color Cast:** In some specific lighting conditions or with certain filter strengths (e.g., ND32), a very slight warm color cast might be observed. This is generally minor and can often be corrected during post-processing if necessary.
- **Vignetting:** When using the DJI Osmo Action 5 Pro/4 camera's widest field of view settings, slight vignetting (darkening at the corners of the image) may occur with the filters. Adjusting the field of view or cropping in post-processing can mitigate this effect.
- **Image Stabilization:** Some users have reported that very strong ND filters (e.g., ND64 or ND1000, if applicable to other sets) might affect the digital image stabilization of the camera, especially at very slow shutter speeds. If you experience unusual stabilization behavior, try adjusting your shutter speed or camera settings.

For further assistance, please refer to the support information provided in the Warranty and Support section.

## SPECIFICATIONS

Attribute	Detail
Brand	NEEWER
Model Number	10105204
Item Type	Filter Set
Compatibility	DJI Osmo Action 5 Pro / Action 4
Application	Photography / Video
Main Features	Multicoated, Lightweight
Mounting Points	Thread On
Main Material	Optical Glass / Aluminum Alloy
Amount of Filters	4
Filter Types	ND/PL (ND8/PL, ND16/PL, ND32/PL, ND64/PL)
HD Optical Glass	Yes
Package Dimensions	5.75 x 3.31 x 0.98 inches
Item Weight	2.46 ounces

# Aircraft Grade Aluminum Frame



Shock Proof



Durable



Lightweight



Image: Detail of the ultra-slim and lightweight aircraft-grade aluminum frame.

## WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact NEEWER customer service directly. Refer to the official NEEWER website or your product packaging for the most current contact information.

While this product is designed for durability and performance, proper care as outlined in the Maintenance section will help ensure its long-term functionality.

You can visit the official NEEWER store for more information and products: [NEEWER Store on Amazon](#).