

[Manuals.plus](#) /

> [FREEWELL](#) /

> Freewell Circular Polarizer CPL Filter for DJI Osmo Pocket 3 / Xtra Muse - User Manual

FREEWELL FW-OP3-CPL

Freewell Circular Polarizer CPL Filter for DJI Osmo Pocket 3 / Xtra Muse - User Manual

Brand: FREEWELL | Model: FW-OP3-CPL

1. PRODUCT OVERVIEW

The Freewell Circular Polarizer (CPL) Filter is designed to enhance your photography and videography by reducing glare and reflections from non-metallic surfaces, such as water or glass. It also helps to increase color saturation and contrast, making skies bluer and foliage greener. This filter is specifically compatible with the DJI Osmo Pocket 3 and Xtra Muse cameras.



Image 1: Freewell Circular Polarizer CPL Filter for DJI Osmo Pocket 3.

2. KEY FEATURES

- **Glare and Reflection Reduction:** Effectively minimizes unwanted glare from reflective surfaces, improving image clarity.
- **Enhanced Color Saturation:** Boosts the vibrancy of colors, particularly in skies and natural landscapes.
- **Improved Detail and Texture:** Helps reduce atmospheric haze, allowing for clearer details and textures in distant subjects.
- **Lightweight Design:** Weighs only 1.7g, ensuring minimal impact on gimbal performance.
- **Magnetic Quick Swap Installation:** Allows for easy and secure attachment and removal.
- **Durable Construction:** Features oil prevention, dust resistance, and scratch-resistant coatings for longevity.
- **Fortified Armor Case:** Provides rugged protection for the filter when not in use.

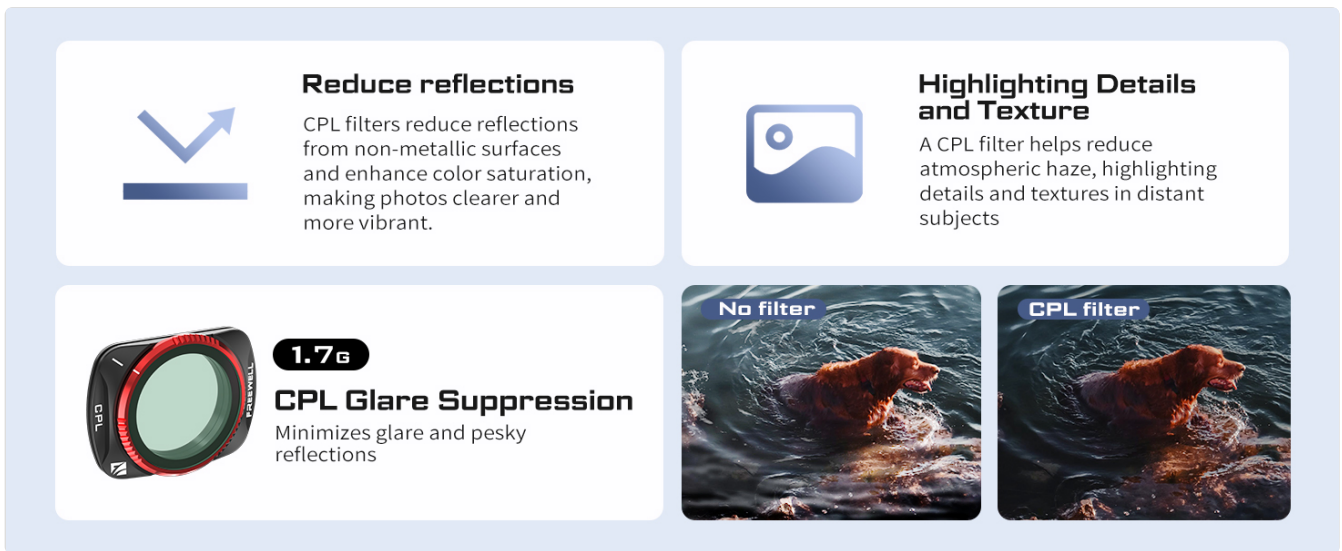


Image 2: Visual representation of CPL filter benefits, including glare suppression and detail enhancement.



Image 3: Overview of the filter's protective features and magnetic installation.

3. SETUP AND INSTALLATION

The Freewell CPL filter features a magnetic quick-swap system for easy attachment to your DJI Osmo Pocket 3 or Xtra Muse camera.

1. Ensure your camera is powered off and the lens is clean.
2. Gently align the CPL filter with the camera lens. The magnetic design will help it snap into place securely.
3. Once attached, you can rotate the outer ring of the filter to adjust the polarization effect.

Your browser does not support the video tag.

Video 1: This video demonstrates how to identify and align polarization marks on Freewell filters for optimal effect. While it mentions ND/PL filters, the principle for CPL adjustment is the same.

4. OPERATING THE CPL FILTER

To achieve the desired polarization effect, rotate the outer ring of the CPL filter while observing your camera's live view. You will notice changes in glare reduction and color saturation as you rotate the filter.

- **Identifying Polarization Marks:** Some Freewell filters feature a white line on the top part of the filter and a

corresponding line or inscription (e.g., ND16/PL) on the base. For optimal polarization, align the top white line with the slash between 'ND' and 'PL' (or the corresponding mark for CPL-only filters).

- **Real-time Adjustment:** For precise control, adjust the filter while viewing the scene through your camera's screen. Rotate the filter until reflections are minimized and colors appear most vibrant.
- **Gimbal Movement:** If using with a gimbal, be mindful that rotating the gimbal itself can affect the polarization angle. Fine-tune the filter's rotation after positioning your camera.

5. MAINTENANCE

Proper care will extend the life and performance of your Freewell CPL filter.

- **Cleaning:** Use a microfiber cleaning cloth specifically designed for optical lenses. Gently wipe the filter surface to remove dust, smudges, or fingerprints. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Always store the filter in its provided fortified armor case when not in use. This protects it from dust, scratches, and accidental damage.
- **Handling:** Handle the filter by its edges to avoid leaving fingerprints on the glass surface.

6. TROUBLESHOOTING

- **Gimbal Not Closing Fully:** Due to the physical dimensions of the filter, the DJI Osmo Pocket 3 gimbal may not close completely when the filter is attached. It is recommended to remove the filter before powering off and stowing the camera to prevent potential damage to the gimbal or lens.
- **Difficulty Rotating Filter:** If the filter is stiff or difficult to rotate, ensure it is properly seated on the lens. Avoid forcing rotation, as this could damage the filter or camera.
- **Unwanted Color Cast:** Some users may observe a slight color shift (e.g., cool or purple tint) in certain lighting conditions. This can sometimes be corrected in post-production. Experiment with different lighting and angles to minimize the effect.
- **Reduced Image Details:** In some situations, especially with higher density filters or specific lighting, a slight loss of fine detail might occur. This is a characteristic of some filters and can be managed by adjusting exposure settings or considering filter strength for the given conditions.

7. SPECIFICATIONS

| | |
|---------------------------------|---------------------|
| Brand | FREEWELL |
| Model Name | FW-OP3-CPL |
| Compatible Devices | DJI Osmo Pocket 3 |
| Photo Filter Effect Type | Polarizer |
| Coating Description | Multi Coating |
| Photo Filter Thread Size | 1 Millimeters |
| Water Resistance Level | Not Water Resistant |
| UPC | 785698957217 |

8. WHAT'S IN THE BOX

- 1 x Freewell Circular Polarizer (CPL) Filter

9. WARRANTY INFORMATION

No specific warranty information is provided for this product.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your Freewell CPL Filter, please visit the official Freewell website or contact their customer service department. Refer to the product packaging for specific contact details or support resources.