

# ROVE<sup>TM</sup> *ultimate*

## CPL for R2-4K & R2-4K PRO

(Compatible only with purchases made after OCT 2023 - USB-C Version)

### USER MANUAL



Better Color Tone



Better Details



Reduce Light Reflection



[www.rovedashcam.com](http://www.rovedashcam.com)

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## INTRODUCTION

Thank you for purchasing the **ROVE Ultimate CPL for R2-4K and R2-4K PRO** model.

### WHAT IS CPL FILTER?

The CPL Filter, also known as the Circular Polarizer filter, is an optional accessory used in photography and videography. When attached to a dash cam, it is designed to reduce glare from your car's dashboard, sunlight, and headlight reflections. By selectively blocking polarized light waves, the CPL filter enhances color and contrast, resulting in clearer footage and improved video clarity.

This guide will walk you through how to install, adjust, and maintain your new filter.

Please note that while the CPL filter enhances video quality in most lighting conditions, it may decrease video quality in low-light settings. You may want to remove it for night driving or in heavy overcast conditions.

**⚠ WARNINGS AND PRECAUTIONS:**

Failure to comply with safety warnings and regulations can result in serious injury or death.

Do NOT use the product if it is damaged. Contact the manufacturer's customer support for guidance.

- **Do NOT Install or Adjust While Driving:** Never install or adjust the CPL filter while driving. Distractions are the leading cause of injury or death. Always perform adjustments in a safe and stationary location.
- **Cautions during Installation:** Before attaching the CPL filter to the dash cam, ensure the dash cam is powered off to avoid any potential damage during installation. Handle the filter with care to prevent smudges or fingerprints on the glass.
- **Cleaning Guidelines:** Clean the CPL filter with a microfiber cloth (included) or a lens cleaning solution designed for optical glass. Avoid using abrasive materials or harsh chemicals, as they may scratch or damage the filter's surface.

- **Glare Reduction Limitations:** While the CPL filter effectively reduces glare and reflections, it may not completely eliminate all sources of glare, especially from unavoidable light reflections on the windshield or other surfaces.

 **IMPORTANT:**

The images and icons displayed in this user manual are intended for illustrative purposes only. They are not real examples captured by the ROVE dash cam. The purpose of these visuals is to provide a visual representation of the features, functions, and user interface of the product.

## INSTALLATION

### STEP 1: POWER OFF DASH CAM

Before installing the CPL filter, power off and unplug your dash cam to avoid accidental damage.

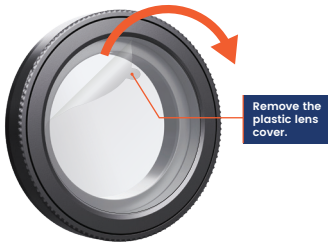
### STEP 2: CLEAN THE DASH CAM LENS

Use the microfiber cleaning cloth (included in the box) to remove any dust or smudges from the lens. Ensure the lens is clean before installing the CPL filter to avoid blurry videos.



**STEP 3: REMOVE THE LENS COVER**

Carefully remove the plastic lens cover from the CPL filter. Avoid touching the inside or outside of the CPL lens to prevent smudging or adding finger grease, which can blur your videos.



**STEP 4: HOLD THE STEADY BACK SIDE**

Hold the CPL filter between your thumb and index finger, securing the **back side** - the side with the threaded ring. This part should remain steady and is designed to screw onto the pre-threaded lens.

**i NOTE**

Only the **front side** of the CPL filter rotates to adjust the glare. **Back side** screws onto the dash cam's lens.





**STEP 5: ALIGN THE THREADED RING AND START SCREWING ON**

Gently align the threaded ring of the CPL filter with the pre-threaded lens of the dash cam. While securely holding the **back side** of the filter, start screwing the CPL filter onto the lens in a clockwise direction until it is firmly attached.



Rotate clockwise to tighten by holding from the Top & Bottom (BACK SIDE) of the lens.

**STEP 6: POWER ON DASH CAM**

Once the CPL filter is securely attached, power on your dash cam.

**STEP 7: ROTATE THE FRONT PART**

With the CPL filter now in place, you can rotate the front part of the filter to adjust the polarization effect.

**STEP 8: PLACE A WHITE PIECE OF PAPER**

Place a small white piece of paper on the dashboard, under the dash cam, and in the middle (away from the windshield) to create a reflection on the windshield to be seen in the camera's viewfinder.

LOOK FOR THIS WINDSHIELD REFLECTION  
DURING ADJUSTMENT ON STEP 9.



REFLECTION

**STEP 9: ADJUSTING FOR GLARE REDUCTION - ROTATING THE FRONT PART**

Focus on the dash cam display and gradually rotate the front side of the CPL filter. Watch for any glare caused by the reflection from the white paper in the viewfinder. Continue rotating the filter until the glare is significantly reduced or disappears. Experiment with different angles to find the optimal position that effectively reduces glare while maintaining image quality.

***i* NOTE**

It is important to understand that complete elimination of the white paper's reflection/glare may not always be possible due to its inherent characteristics and lighting conditions. This example serves as a reference to fine-tune your CPL's adjustment according to your preference.

**STEP 10: TEST THE CPL FILTER**

Remove the white piece of paper. Take a few test recordings in different lighting conditions to ensure the CPL filter is providing the desired glare reduction and enhancing overall video quality.

## TROUBLESHOOTING

### 1 THE IMAGE QUALITY SEEMS DEGRADED OR DARK.

#### SOLUTION:

Check if the CPL filter is correctly adjusted. Too much adjustment can make the image appear dark. If the problem persists, remove the CPL filter in low-light conditions.

### 2 THE FILTER IS NOT FITTING ONTO THE LENS

#### SOLUTION:

Make sure you're attaching the filter correctly. The filter should easily clip onto the dash cam lens. If it doesn't fit, check to see if there's anything obstructing the lens or the filter.

Check the CPL's Compatibility with the Correct ROVE Dash Cam model. Reach out to customer care if you need further clarification.

**A SINCERE THANK YOU!**

We sincerely thank you for choosing the CPL Filter for your ROVE Dash Cam. As a new start-up, we genuinely appreciate your support and trust in our products.

Should you encounter any difficulties during the setup process, please do not hesitate to contact our dedicated customer support team via email or text. We assure you that 99% of all setup problems can be resolved quickly and effectively.

In the rare case where we're unable to assist, we will happily provide a full, no-strings-attached refund. Our ultimate goal is to ensure that our customers are not only satisfied, but delighted to use ROVE products.

We understand that while no product is perfect, the pursuit of exceptional customer service is our bottom line, and we strive to provide that to you every day.

## USER MANUAL DISCLAIMER

This user manual has been meticulously crafted with utmost care and attention to detail. Still, we acknowledge that minor typos might have slipped our attention. If you come across any errors or have suggestions for improvements, we kindly request you to share them with us, enabling us to refine our offerings further. Please visit our website regularly for the most recent and updated user manuals, if available. Our platform also hosts a range of other helpful content tailored to our customers.

Please note that product upgrades, box contents, and user manuals are subject to change without prior notice. We invite you to visit us at [www.rovedashcam.com](http://www.rovedashcam.com) for the most up-to-date information.

Thank you once again for choosing ROVE. Your satisfaction is our success.

## SAFETY & LEGAL ASPECTS

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## AGREEMENTS

By purchasing ROVE's Product, you hereby agree with all the terms and conditions of warranty, warnings and precautions. If for any reason you do not agree with these terms, you may return the product in its original packaging unused within its return window for a full refund.



# GOT QUESTIONS?



**CUSTOMER SERVICE:**

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Response in just 6 hours  
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