

ProMaster 5096

ProMaster 67mm-62mm Step-Down Ring (Model 5096) Instruction Manual

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1. INTRODUCTION

Thank you for choosing the ProMaster 67mm-62mm Step-Down Ring. This precision-milled accessory is designed to expand the versatility of your photographic equipment by allowing you to use filters or other accessories with a 62mm thread diameter on a lens with a 67mm filter thread. This manual provides essential information for the proper setup, operation, and maintenance of your step-down ring.



Image 1.1: The ProMaster 67mm-62mm Step-Down Ring, showing the 67mm and 62mm markings.

2. SETUP

Proper installation ensures secure attachment and optimal performance. Follow these steps to attach the step-down ring to your lens and then to your desired filter or accessory.

2.1 Identifying Thread Sizes

Before attachment, confirm the filter thread size of your lens and the accessory you intend to use. The ProMaster 67mm-62mm Step-Down Ring has a 67mm male thread (to attach to the lens) and a 62mm female thread (to attach the filter/accessory).

- **Lens Thread Size:** Locate the \varnothing (diameter) symbol or a number followed by 'mm' on the front of your lens or its lens cap. This should be 67mm for this step-down ring.
- **Filter/Accessory Thread Size:** Check the rim of your filter or the specifications of your accessory. This should be 62mm.

2.2 Attaching to Your Lens

1. Ensure both your lens's filter thread and the step-down ring's male thread are clean and free of dust or debris.
2. Align the 67mm male thread of the step-down ring with the 67mm female thread on the front of your camera lens.
3. Gently rotate the step-down ring clockwise until it catches the threads. Continue to turn smoothly until it is finger-tight. Avoid over-tightening, which can make removal difficult.

2.3 Attaching Filter/Accessory

1. With the step-down ring securely attached to your lens, take your 62mm filter or accessory.
2. Align the male thread of the filter/accessory with the 62mm female thread on the step-down ring.
3. Gently rotate the filter/accessory clockwise until it catches the threads. Turn until it is finger-tight.

3. OPERATING INSTRUCTIONS

Once installed, the ProMaster 67mm-62mm Step-Down Ring functions as a seamless extension of your lens, allowing the attached 62mm filter or accessory to operate as intended.

- **Compatibility:** This ring is designed for filters and accessories with a 62mm thread. Using accessories with different thread sizes will require additional adapter rings.
- **Vignetting:** When using a step-down ring, there is a possibility of vignetting (darkening of the corners of the image), especially with wide-angle lenses. This occurs because the smaller filter diameter may obstruct the lens's field of view. Test your setup to determine if vignetting is an issue for your specific lens and focal length.
- **Removal:** To remove, gently unscrew the filter/accessory counter-clockwise from the step-down ring, then unscrew the step-down ring counter-clockwise from the lens.

4. MAINTENANCE

Proper care will extend the life and functionality of your step-down ring.

- **Cleaning:** Use a clean, dry microfiber cloth to wipe the ring. Avoid abrasive materials or harsh chemicals, which can damage the finish or threads.
- **Storage:** Store the step-down ring in a protective pouch or case when not in use to prevent scratches and dust accumulation. Keep it away from extreme temperatures and humidity.
- **Inspection:** Periodically inspect the threads for any signs of damage or wear. Damaged threads can lead to cross-threading or difficulty in attachment.

5. TROUBLESHOOTING

If you encounter issues with your step-down ring, consider the following common problems and solutions:

- **Difficulty Attaching:**
 - Ensure you are using the correct thread sizes (67mm for lens, 62mm for filter/accessory).
 - Check for cross-threading. If resistance is felt, stop, unscrew, and realign carefully.
 - Inspect threads on both the ring and your equipment for damage or debris.
- **Ring Stuck on Lens/Filter:**
 - Avoid over-tightening during installation.
 - Use a rubber grip wrench or a piece of rubber (like a jar opener) to get better traction for unscrewing.
 - Ensure the ring is clean and dry before attempting removal.
- **Vignetting in Photos:**
 - This is a common optical effect with step-down rings, especially on wide-angle lenses.
 - Try zooming in slightly if your lens allows, or crop the image in post-processing.
 - Consider using a step-up ring instead if you need to avoid vignetting and can use a larger filter.


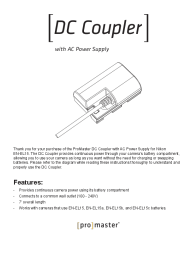


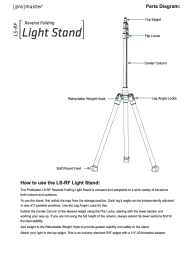

6. SPECIFICATIONS

Feature	Detail
Model Number	5096
Brand	ProMaster
Lens Thread Size (Male)	67mm
Filter/Accessory Thread Size (Female)	62mm
Material	Precision Milled Metal (typical for ProMaster stepping rings)
Product Dimensions	3 x 0.1 x 3 inches (approximate outer dimensions)
Item Weight	2 pounds (Note: This weight likely refers to shipping weight or packaging. The actual ring is much lighter.)
UPC	029144050962

7. WARRANTY & SUPPORT

ProMaster products are designed for reliability and performance. For specific warranty information, please refer to the documentation included with your purchase or visit the official ProMaster website. For technical support or further assistance, please contact your authorized ProMaster dealer or visit the [ProMaster Store on Amazon](#) or the official ProMaster support channels.

Related Documents - 5096

	<p>ProMaster RL100 Macro LED Ring Flash Instruction Manual</p> <p>Detailed instruction manual for the ProMaster RL100 Macro LED Ring Flash, covering part descriptions, LCD panel understanding, installation of diffusers and flash unit, operation modes, power saving features, technical specifications, and warranty information.</p>
	<p>ProMaster DC Coupler with AC Power Supply User Guide - Model 65940</p> <p>Comprehensive user guide for the ProMaster 65940 DC Coupler and AC Power Supply, detailing features, setup instructions, and safety precautions for Nikon EN-EL15 series cameras.</p>
	<p>ProMaster Key Grip Video Monopod Kit Instruction Manual</p> <p>This document provides comprehensive instructions for the ProMaster Key Grip Video Monopod Kit, covering setup, camera attachment, head operation, monopod extension, ground-level conversion, usage tips, precautions, and warranty information.</p>
	<p>ProMaster GH26 Professional Gimbal Head - Assembly, Operation, and Tips</p> <p>Comprehensive guide to assembling, attaching cameras, and operating the ProMaster GH26 Professional Gimbal Head. Includes operational tips, tripod setup advice, and warranty information.</p>
	<p>ProMaster LS-RF Reverse Folding Light Stand User Guide</p> <p>A comprehensive guide to using the ProMaster LS-RF Reverse Folding Light Stand, covering setup, operation, safety precautions, and warranty information for photographers.</p>
	<p>ProMaster Air Support Light Stand 6' - Instruction Manual and Safety Guide</p> <p>Comprehensive guide for the ProMaster Air Support Light Stand 6', covering setup, operation, safety precautions, and warranty information. Learn how to deploy, secure, and adjust your light stand safely.</p>