

[Manuals.plus](#) /

› [Digital Nc](#) /

› Digital Nc 10x High Definition 2 Element Close-Up (Macro) Lens (62mm) for Olympus Evolt E-300 Instruction Manual

Digital Nc 10x High Definition 2 Element Close-Up Lens 62mm

Digital Nc 10x High Definition 2 Element Close-Up (Macro) Lens (62mm) Instruction Manual

Model: 10x High Definition 2 Element Close-Up Lens 62mm

INTRODUCTION

This manual provides instructions for the Digital Nc 10x High Definition 2 Element Close-Up (Macro) Lens (62mm). This accessory lens is designed to enable close-up photography, allowing your camera to focus at much shorter distances than its native lens. It features two achromatic elements to correct chromatic aberrations, ensuring high optical performance without degrading the quality of your camera's primary lens.

SETUP

To attach the close-up lens to your camera, follow these steps:

1. Ensure your camera's primary lens has a 62mm filter thread. This close-up lens is designed specifically for 62mm threads.
2. Carefully align the threads of the close-up lens with the filter threads on the front of your camera's lens.
3. Gently screw the close-up lens onto your camera's lens in a clockwise direction until it is securely fastened. Do not overtighten.
4. Verify that the lens is firmly attached and there is no wobble.



Image: The 62mm close-up lens ready for attachment to a camera lens. Ensure proper alignment before screwing it on.

OPERATING THE CLOSE-UP LENS

Once attached, the close-up lens allows your camera to achieve significantly closer focus distances, ideal for macro photography. Here are some operational guidelines:

- **Focusing:** The lens supports high-speed auto-focus, allowing your camera's autofocus system to function effectively for close-up subjects. For very precise focus, especially at extreme magnifications, manual focus may be beneficial.
- **Lighting:** When working at close distances, lighting becomes crucial. Consider using external light sources or a ring flash to illuminate your subject evenly and avoid shadows.
- **Depth of Field:** Macro photography inherently has a very shallow depth of field. To maximize the in-focus area, use smaller apertures (higher f-numbers).
- **Stability:** Due to the high magnification, camera shake is more pronounced. Use a tripod or monopod whenever possible to ensure sharp images.
- **Features:** This lens incorporates High-Index / Low-Dispersion 2 Element Optical Glass, is Fully Multi-Coated & Threaded, and features an Anti-Reflection Coating to minimize glare and maximize light transmission. It is also Infrared Compatible.



Image: Example of an extreme close-up shot of an eye, demonstrating the macro capabilities.



Image: Example of a butterfly on a flower, captured with macro detail.



Image: Example of water droplets on a leaf, showcasing fine detail.



Image: Example of a dog's nose, demonstrating the ability to capture intricate textures.



Image: A collage demonstrating various macro photography examples achievable with the lens.

MAINTENANCE

Proper care and maintenance will extend the life and performance of your close-up lens:

- **Cleaning:** Use a soft, lint-free microfiber cloth specifically designed for optical lenses to clean the glass surfaces. For stubborn smudges, a small amount of lens cleaning solution applied to the cloth (not directly to the lens) can be used.
- **Dust Removal:** Use a blower brush or compressed air (designed for optics) to remove dust particles before wiping to prevent scratching.
- **Storage:** When not in use, store the lens in its protective pouch or a dry, dust-free environment. Avoid extreme temperatures and humidity.
- **Handling:** Always handle the lens by its metal frame, avoiding direct contact with the glass elements.



Image: The protective carrying pouch for safe storage of the close-up lens.

TROUBLESHOOTING

If you encounter issues while using your close-up lens, consider the following:

- **Difficulty Focusing:**
 - Ensure the lens is securely attached and clean.

- Check your camera's focus mode. For very close subjects, manual focus might offer better control.
- Increase ambient light or use an external light source.

• **Soft or Blurry Images:**

- Verify the lens is clean and free of smudges or dust.
- Use a tripod to eliminate camera shake, especially at high magnifications.
- Consider using a smaller aperture (higher f-number) to increase depth of field.
- Ensure your camera's shutter speed is fast enough for the lighting conditions.

• **Vignetting (Dark Corners):**

- Vignetting can sometimes occur with certain lens combinations or at wider focal lengths. Try zooming in slightly if your primary lens is a zoom lens.
- Minor vignetting can often be corrected in post-processing software.

SPECIFICATIONS

Feature	Detail
Magnification	+10 Diopter
Lens Type	Close-Up (Macro)
Elements	2 Element Achromatic Optical Glass
Filter Thread Size	62mm
Coatings	Fully Multi-Coated, Anti-Reflection Coating
Focus Type	High Speed Auto-Focus Compatible
Compatibility	Infrared Compatible
Brand	Digital Nc
Model Name	Digital Nc (referring to the lens series)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Digital Nc 10x High Definition 2 Element Close-Up (Macro) Lens, please refer to the documentation provided with your purchase or contact the manufacturer directly. Protection plans may also be available through your retailer for extended coverage.

