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› Digital Nc 2.2X High Grade Telephoto Conversion Lens for Panasonic Lumix DC-FZ300 Instruction Manual

Digital Nc 1452T-PNFZ300-A

Digital Nc 2.2X High Grade Telephoto Conversion Lens Instruction Manual

Model: 1452T-PNFZ300-A

Compatible with Panasonic Lumix DC-FZ300

INTRODUCTION

This manual provides instructions for the proper use and care of your Digital Nc 2.2X High Grade Telephoto Conversion Lens. This lens is designed to enhance the telephoto capabilities of your Panasonic Lumix DC-FZ300 camera, allowing you to capture distant subjects with greater detail.

Included Items:

- 2.2X High Grade Telephoto Conversion Lens
- Lens Cap
- Lens Bottom Cover
- Lens Pouch



Image: The Digital Nc 2.2X High Grade Telephoto Conversion Lens, showing its optical elements and threading.

SETUP AND INSTALLATION

Follow these steps to properly attach the telephoto conversion lens to your camera:

1. **Prepare Your Camera:** Ensure your Panasonic Lumix DC-FZ300 camera is powered off. Remove any existing lens caps or filters from your camera's primary lens.
2. **Attach the Conversion Lens:** Carefully align the threads of the 2.2X telephoto conversion lens with the filter threads on the front of your camera's primary lens. Gently rotate the conversion lens clockwise until it is securely fastened. Do not overtighten.
3. **Protect the Lens:** When not in use, always place the lens cap on the front of the conversion lens and the bottom cover on the rear to protect the optical elements from dust and scratches.

Note: Some cameras may require a specific adapter tube to attach conversion lenses. Refer to your camera's manual for compatibility and necessary accessories if direct attachment is not possible.

OPERATING INSTRUCTIONS

Once the 2.2X telephoto conversion lens is attached, your camera's focal length will be effectively multiplied by 2.2, allowing for greater magnification of distant subjects.

Key Features and Usage:

- **Telephoto Effect:** This lens is ideal for capturing subjects that are far away, such as wildlife, sporting events, or distant landscapes. It brings the subject closer, filling more of the frame.
- **Auto Focus:** The lens supports extreme-speed auto focus, allowing your camera to maintain its auto-focus capabilities. However, in some lighting conditions or with very distant subjects, manual focus may yield sharper results.

- **Multicoated Optics:** The all-glass, multicoated optics are designed to minimize reflections and maximize light transmission, resulting in clear and vibrant images.
- **Filter Compatibility:** The conversion lens is threaded to accept additional lens filters (e.g., UV, CPL) on its front element, allowing for further creative control or protection.

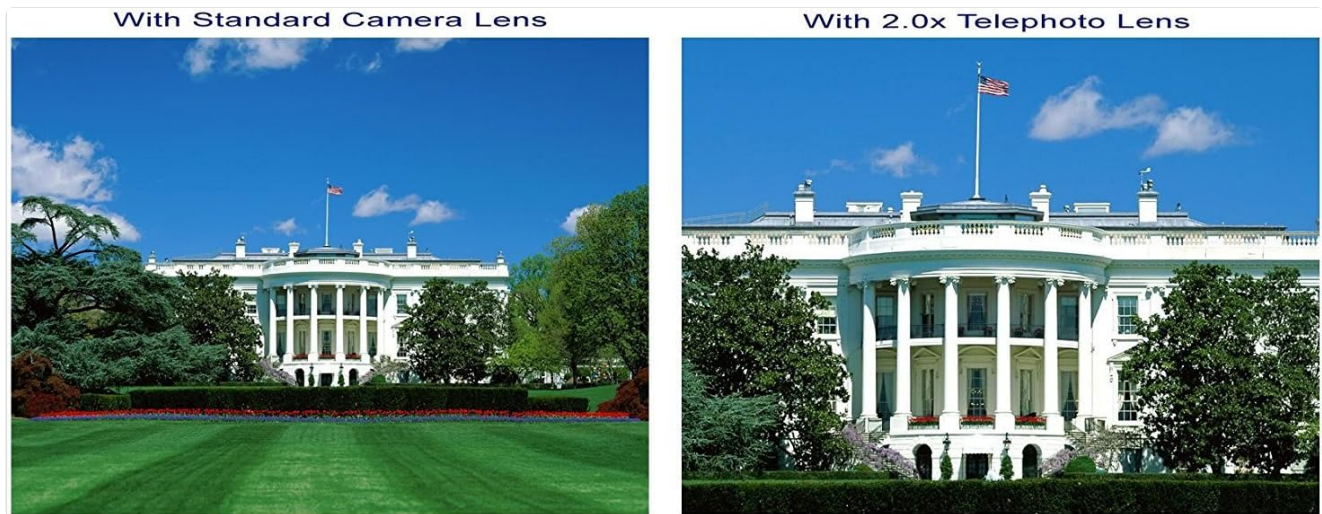


Image: A visual comparison demonstrating the magnified view achieved with a telephoto lens compared to a standard camera lens.

MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your telephoto conversion lens.

Cleaning the Lens:

- **Remove Dust:** Use a blower brush or a soft, lint-free lens brush to gently remove any loose dust or particles from the lens surfaces.
- **Clean Smudges:** For fingerprints or smudges, apply a small amount of lens cleaning solution to a clean microfiber lens cloth. Gently wipe the lens surface in a circular motion from the center outwards. Do not apply cleaning solution directly to the lens.
- **Avoid Abrasives:** Never use abrasive cloths, paper towels, or harsh chemicals, as these can scratch the lens coatings.

Storage:

- Always store the lens with both the front lens cap and rear bottom cover attached.
- Keep the lens in its provided pouch or a dedicated lens case to protect it from impacts and dust.
- Store the lens in a cool, dry place away from direct sunlight and extreme temperatures. Avoid areas with high humidity to prevent mold growth.

TROUBLESHOOTING

If you encounter issues while using your telephoto conversion lens, consider the following:

Blurry Images:

- **Check Focus:** Ensure your camera is properly focused on the subject. While the lens supports auto-focus, very distant or low-contrast subjects might benefit from manual focus adjustment.

- **Camera Shake:** Telephoto lenses magnify not only the subject but also camera shake. Use a tripod or increase your shutter speed to minimize blur, especially in low light.
- **Clean Lens:** Dust or smudges on the lens elements can cause blur. Refer to the maintenance section for cleaning instructions.
- **Adapter Tube:** If your camera requires an adapter tube for conversion lenses, ensure it is correctly installed and compatible. An improperly fitted adapter can cause optical issues.

Vignetting (Dark Corners):

- Vignetting can sometimes occur, especially at wider focal lengths or with certain camera settings. Try zooming in slightly with your camera’s primary lens if possible, or adjust in post-processing.

SPECIFICATIONS

Feature	Description
Model Number	1452T-PNFZ300-A
Brand	Digital Nc
Lens Type	Teleconverter / Conversion Lens
Magnification	2.2X (High Grade)
Optics	All Glass - Multicoated
Auto Focus	Extreme-Speed Auto Focus compatible
Filter Thread	Threaded to accept lens filters
Compatible Mountings	Micro Four Thirds (via adapter if required by camera)
Compatible Camera	Panasonic Lumix DC-FZ300

WARRANTY INFORMATION

Specific warranty details for this Digital Nc product may vary. Please retain your proof of purchase and refer to the documentation provided at the time of purchase for comprehensive warranty terms and conditions. For any warranty claims or inquiries, please contact the seller or manufacturer directly.

CUSTOMER SUPPORT

If you require further assistance, have questions about your Digital Nc 2.2X High Grade Telephoto Conversion Lens, or need technical support, please contact the retailer from whom you purchased the product. You may also visit the official Digital Nc brand store on Amazon for additional information or to contact the manufacturer directly.

Digital Nc Store Link: [Digital Nc Store](#)

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