

[Manuals.plus](#) /

› [Digital Nc](#) /

› Digital Nc 2.2x High Definition Super Telephoto Lens User Manual

Digital Nc 5528FDRA53-55/58

Digital Nc 2.2x High Definition Super Telephoto Lens User Manual

Model: 5528FDRA53-55/58

INTRODUCTION

This user manual provides comprehensive instructions for the Digital Nc 2.2x High Definition Super Telephoto Lens, model 5528FDRA53-55/58. This high-grade telephoto converter lens is designed to enhance the zoom capabilities of traditional camcorders and SLR lenses, increasing their maximum zoom by 2.2 times. It is ideal for capturing distant subjects in nature, sports, and other scenarios requiring extended reach.

SAFETY INFORMATION

- Do not look directly at the sun or bright light sources through the lens, as this can cause severe eye damage.
- Keep the lens away from direct sunlight when not in use to prevent fire hazards, as the lens can concentrate sunlight.
- Handle the lens with care to avoid dropping or impacting it, which could damage the optical elements.
- Store the lens in a dry, dust-free environment, away from extreme temperatures.
- Keep out of reach of children.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Digital Nc 2.2x High Definition Super Telephoto Lens
- Lens Cap
- Lens Bottom Cover
- Stepping Ring
- Lens Shade



Image: The Digital Nc 2.2x High Definition Super Telephoto Lens with its lens hood attached, showcasing its compact design and black finish.

SETUP

1. **Identify Compatible Lens:** Ensure your camera or camcorder lens has a filter thread that matches the telephoto lens or can be adapted using the included stepping ring. This lens is compatible with Sony FDR-AX53 and other cameras with appropriate filter threads.
2. **Remove Lens Caps:** Carefully remove the front and rear lens caps from the telephoto lens.
3. **Attach to Camera Lens:** Screw the telephoto lens onto the front filter thread of your existing camera or camcorder lens. Turn clockwise until it is securely fastened, but do not overtighten. If necessary, use the stepping ring to match thread sizes.
4. **Attach Lens Shade:** For optimal image quality and to reduce glare, attach the provided lens shade to the front of the telephoto lens.



Image: A view of the Digital Nc 2.2x High Definition Super Telephoto Lens from the front, revealing its large optical element and the "DIGITAL HIGH DEFINITION 2.2X TELEPHOTO LENS" inscription.

OPERATING THE LENS

The 2.2x telephoto lens extends the focal length of your existing lens, allowing you to capture subjects that are further away with greater detail. For example, a 50-200mm lens will effectively become a 110-440mm lens when this teleconverter is attached.

- **Focusing:** This lens is designed to work with your camera's existing autofocus system. Ensure your camera is set to autofocus for best results. The lens features Extreme Speed Auto Focus for crisp and clear images.
- **Stability:** Due to the increased magnification, camera shake becomes more pronounced. For optimal sharpness, especially at longer focal lengths, it is highly recommended to use a tripod or other stable support.
- **Lighting:** Telephoto lenses can sometimes require more light. Ensure adequate lighting for your subject to achieve bright and clear images.
- **Composition:** Experiment with different compositions to make the most of the extended reach.

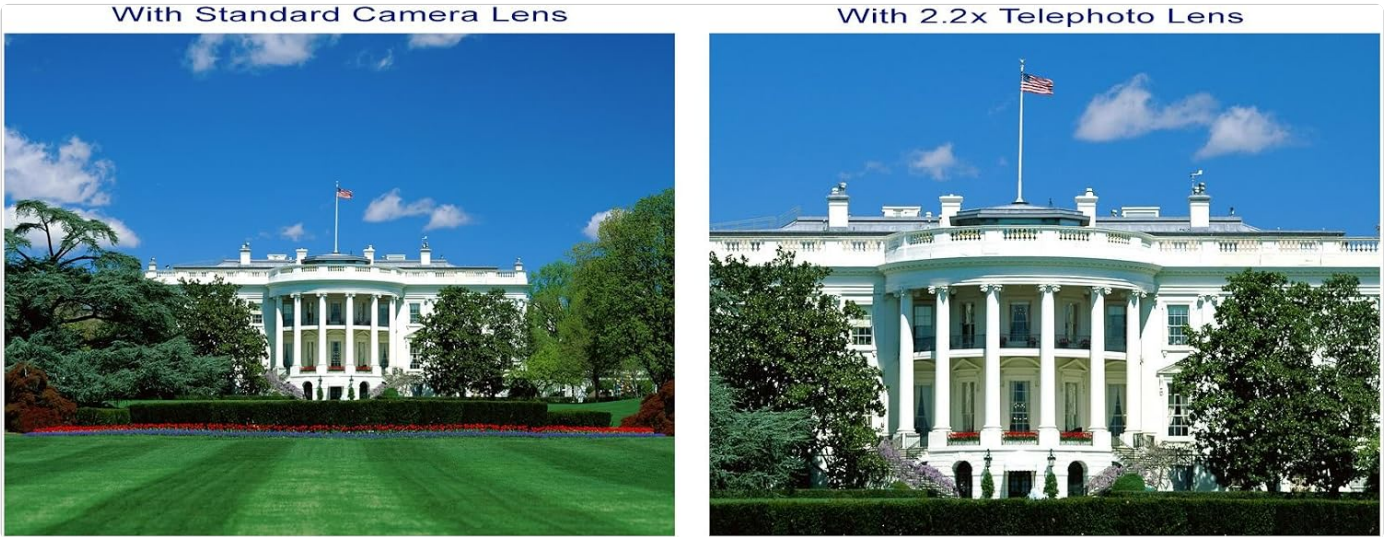


Image: A side-by-side comparison illustrating the effect of the 2.2x telephoto lens. The left image shows a wide view captured with a standard camera lens, while the right image shows the same scene with the telephoto lens attached, demonstrating the significant magnification and closer view of the subject.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free microfiber cloth specifically designed for optical lenses to gently wipe away dust and smudges. For stubborn marks, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens.
- **Dust Removal:** Use a blower brush to remove loose dust particles from the lens surface before wiping.
- **Storage:** When not in use, always attach the lens caps and store the lens in a protective case or bag to prevent dust accumulation and scratches. Avoid storing in areas with high humidity or extreme temperature fluctuations.
- **Avoid Harsh Chemicals:** Do not use solvents, alcohol, or other harsh chemicals to clean the lens, as they can damage the multi-coated optical glass.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Images appear blurry or out of focus.	Camera shake; incorrect focus; insufficient light; lens not securely attached.	Use a tripod; ensure camera autofocus is active; shoot in brighter conditions; re-attach lens securely.

Problem	Possible Cause	Solution
Vignetting (dark corners in images).	Lens shade or filter blocking the view; lens not fully compatible with camera's sensor size.	Ensure lens shade is correctly aligned; check if the lens is designed for your camera's sensor format.
Lens does not attach properly.	Incorrect filter thread size; cross-threading.	Use the correct stepping ring; ensure careful alignment before screwing on; do not force.

SPECIFICATIONS

Magnification	2.2x
Optical Design	3 Groups/3 Elements
Filter Thread Size	72mm (uses 72mm filters)
Coating	MultiCoated Optical Glass
Focus System	Extreme Speed Auto Focus
Compatible Mountings	Sony E, Canon EF, Nikon F (with appropriate adapter/stepping ring)
Model Number	5528FDRA53-55/58
Manufacturer	Digital Nc

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Digital Nc customer service directly. Keep your proof of purchase for warranty claims.

For further assistance, you may visit the Digital Nc Store on Amazon:[Digital Nc Store](#)

