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Xit XT2X58

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1. INTRODUCTION

Thank you for choosing the Xit XT2X58 58mm 2.2x Telephoto Lens. This high-definition telephoto lens is designed to extend the focal length of your existing camera lens, allowing you to capture distant subjects with greater detail. It is ideal for various photography styles, including sports, wildlife, and portraiture, where getting closer to the subject is not always possible. This manual provides essential information for the proper installation, operation, and care of your new lens.

2. PRODUCT OVERVIEW

The Xit XT2X58 telephoto lens features multi-coated, high-quality glass elements for enhanced image clarity and reduced reflections. It is designed to attach to camera lenses with a 58mm front filter thread. The package includes the telephoto lens, a protective carrying case, and front and rear lens caps.



Image 1: The Xit XT2X58 58mm 2.2x Telephoto Lens shown in its retail packaging. The packaging highlights the 'Pro Series 2.2x High Definition AF Telephoto Lens' branding and indicates it is 'designed for 58mm Digital & Video Cameras'. A visual comparison of 'without telephoto' and 'with telephoto' is also present on the box, demonstrating the lens's effect.

3. SETUP AND INSTALLATION

Follow these steps to properly attach the Xit XT2X58 telephoto lens to your camera's existing lens:

1. **Identify Compatible Lens:** Ensure your camera's primary lens has a 58mm front filter thread. This information is usually printed on the front of your lens or in its specifications.
2. **Remove Lens Caps:** Carefully remove the front cap from your camera's primary lens and the rear cap from the Xit XT2X58 telephoto lens.
3. **Attach Telephoto Lens:** Align the threads of the Xit XT2X58 telephoto lens with the filter threads on the front of your camera's primary lens. Gently rotate the telephoto lens clockwise until it is securely fastened. Do not overtighten.
4. **Remove Front Cap:** Remove the front cap from the newly attached telephoto lens before use.

To remove the telephoto lens, simply rotate it counter-clockwise until it detaches. Always replace lens caps when the lens is not in use to protect the glass elements.

4. OPERATING INSTRUCTIONS

Once the Xit XT2X58 telephoto lens is attached, your camera's lens will effectively have its focal length multiplied by 2.2x. This means a 50mm lens will behave like a 110mm lens, and a 200mm lens will behave like a 440mm lens.

- **Focusing:** The telephoto lens works in conjunction with your camera's autofocus system. In some cases, manual focus may provide better results, especially in challenging lighting conditions or with very distant subjects.
- **Stability:** Due to the increased magnification, camera shake becomes more pronounced. For best results, especially in low light or at maximum zoom, consider using a tripod or monopod to stabilize your camera.
- **Lighting:** Telephoto lenses can sometimes reduce the amount of light reaching the camera sensor. Ensure adequate lighting for your subjects or adjust your camera's ISO settings accordingly.
- **Composition:** Experiment with different compositions to take full advantage of the extended reach. This lens is particularly effective for isolating subjects from their background.

5. MAINTENANCE AND CARE

Proper care will prolong the life and performance of your Xit XT2X58 telephoto 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. Avoid abrasive materials or harsh chemicals.
- **Storage:** When not in use, always store the lens with both front and rear caps attached in its protective carrying case. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the lens or subjecting it to strong impacts, as this can damage the optical elements or the lens barrel.
- **Environmental Protection:** Protect the lens from dust, moisture, and sand, which can scratch the glass or interfere with its mechanics.

6. TROUBLESHOOTING

If you encounter issues while using your Xit XT2X58 telephoto lens, consider the following:

- **Blurry Images:**

- Ensure the lens is securely attached to your primary camera lens.
- Check your camera's focus settings. Try switching to manual focus to fine-tune.
- Increase shutter speed or use a tripod to minimize camera shake.
- Verify that the primary lens itself is clean and free of smudges.

- **Vignetting (Dark Corners):** This can sometimes occur, especially at wider focal lengths of your primary lens. Try zooming in slightly with your primary lens to reduce or eliminate vignetting.

- **Difficulty Focusing:** Ensure there is sufficient light on your subject. Your camera's autofocus system may struggle in very low light conditions when using an accessory lens.

7. SPECIFICATIONS

Feature	Detail
Model Number	XT2X58
Magnification	2.2x
Front Thread Diameter	58mm
Lens Type	Telephoto
Optical Design	Multi-coated glass
Product Dimensions	2.5 x 1 x 2.5 inches
Item Weight	5 ounces

8. WARRANTY AND SUPPORT

The Xit XT2X58 58mm 2.2x Telephoto Lens comes with a **Limited Lifetime Warranty**. For specific details regarding warranty coverage, claims, or technical support, please refer to the warranty card included with your product or visit the official Xit website. Keep your proof of purchase for warranty validation.