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Nightforce NX8 4-32x50mm F1 Scope, 30mm Tube, First Focal Plane, .250 MOA

Nightforce NX8 4-32x50mm F1 Riflescope User Manual

Model: NX8 4-32x50mm F1 Scope, 30mm Tube, First Focal Plane, .250 MOA

Brand: Nightforce

INTRODUCTION

The Nightforce NX8 4-32x50mm F1 Riflescope is engineered for precision and versatility, offering a wide magnification range suitable for various shooting distances. Its robust construction and advanced optical features ensure reliable performance in diverse conditions. This manual provides essential information for the proper setup, operation, and maintenance of your riflescope.

WHAT'S IN THE BOX

Upon unboxing your Nightforce NX8 riflescope, please verify that all the following components are included:

- Nightforce NX8 4-32x50mm F1 Riflescope
- Tenebraex Flip Up Lens Covers
- Cleaning Fob/Cleaning Cloth
- Multi-Tool for adjustments
- Power Throw Lever (PTL)
- Owner's Manual (this document)
- Stickers (as supplied by manufacturer)



Figure 1: The Nightforce NX8 4-32x50mm F1 Riflescope as packaged in its box, showing the scope and some accessories.

SETUP

Mounting the Riflescope

Proper mounting is crucial for optimal performance. Ensure the scope is securely attached to your rifle using appropriate rings and bases (not included). Consult a qualified gunsmith if you are unsure about the mounting process. Ensure proper eye relief and reticle level before tightening all components.



Figure 2: Side view of the Nightforce NX8 riflescope, illustrating its profile and adjustment turrets.

ZeroSet Feature

The ZeroSet feature allows for a rapid and precise return to your established zero point. After zeroing your riflescope, engage the ZeroSet mechanism according to the detailed instructions in the full owner's manual to lock in your elevation setting. This ensures consistent and repeatable adjustments.

Parallax Adjustment

The parallax adjustment knob is located on the side of the scope. It allows you to eliminate parallax error by focusing the reticle and the target on the same focal plane. Adjust the parallax from 11 yards to infinity to achieve a clear and sharp image at various distances.

Illumination Control

The Digillum reticle illumination provides enhanced visibility in low-light conditions. Activate and adjust the brightness levels using the dedicated control on the scope. Refer to the full manual for specific instructions on battery replacement and illumination settings.

Power Throw Lever (PTL)

The included Power Throw Lever (PTL) can be attached to the magnification ring for quick and easy magnification changes. This accessory enhances usability, especially when rapid adjustments are required in the field.

OPERATING THE RIFLESCOPE

Magnification Adjustment

Rotate the magnification ring to select your desired power setting, ranging from 4x to 32x. The first focal plane (F1/FFP) design ensures that the reticle size scales proportionally with the magnification, allowing for consistent holdovers and ranging at any power setting.



Figure 3: Top view of the Nightforce NX8 riflescope, highlighting the magnification ring and elevation turret.

TREMOR3 Reticle Use

The HORUS TREMOR3 Illuminated Reticle incorporates the Accuracy 1st - Speed Shooting Formula, designed to simplify wind calls and enable faster target acquisition. Its detailed markings allow for accurate milling of targets. Familiarize yourself with the reticle's features and their application by consulting the dedicated reticle guide in the full owner's manual.

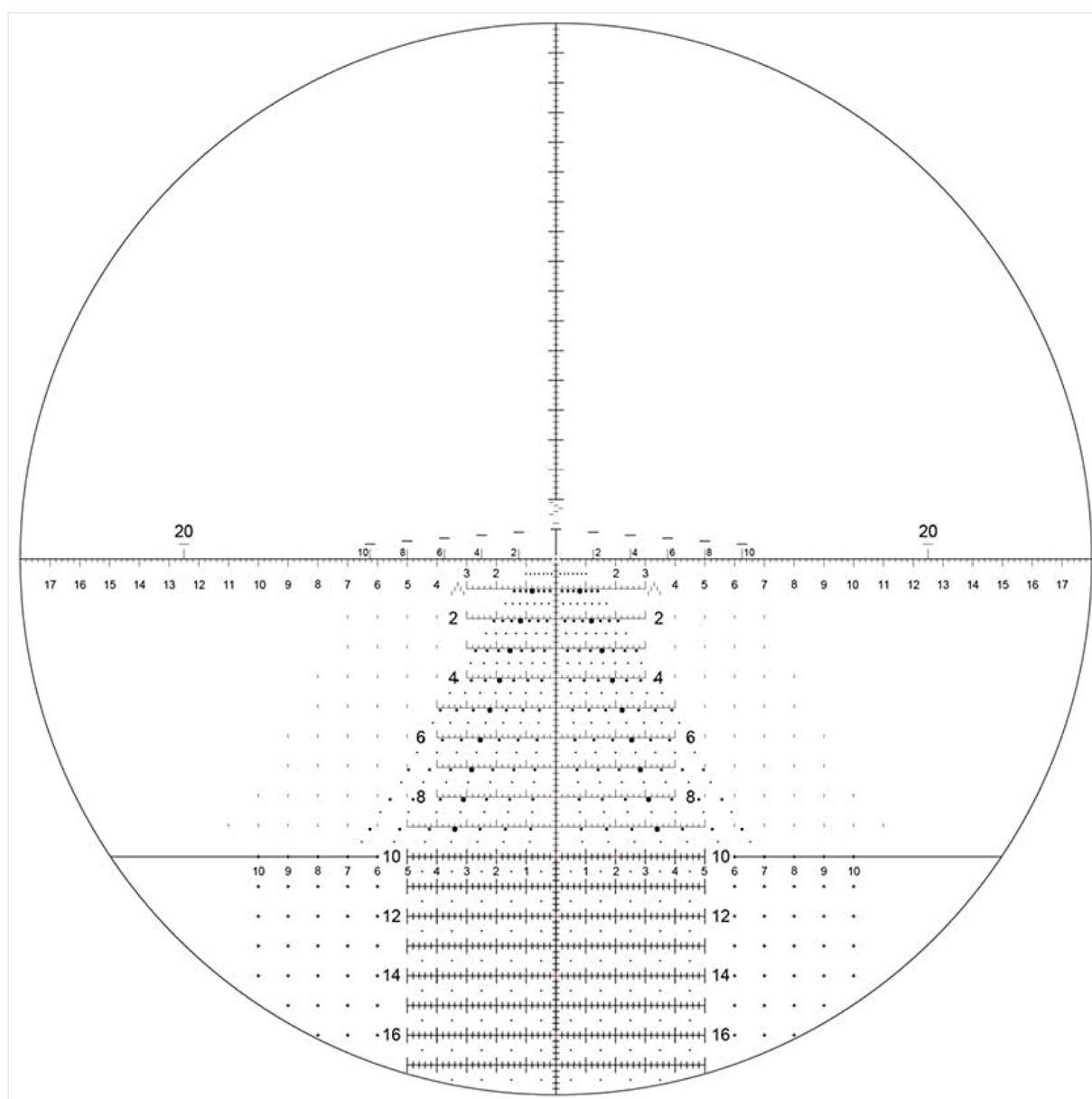


Figure 4: Illustration of the HORUS TREMOR3 Illuminated Reticle pattern, showing its detailed markings for precision aiming and ranging.

Windage and Elevation Adjustments

The riflescope features precise windage and elevation turrets. Each click provides a 0.1 MRAD adjustment. The internal adjustment range is 90 MOA/26 MRAD for elevation and 70 MOA/20 MRAD for windage. Use these

turrets to fine-tune your point of impact based on distance and environmental factors.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your Nightforce riflescope.

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth with a lens cleaning solution. Gently wipe the lens surfaces to remove dust and smudges. Avoid abrasive materials.
- **Cleaning Exterior:** Wipe the exterior of the scope with a damp cloth to remove dirt and debris. For stubborn grime, a mild soap solution can be used. Ensure the scope is completely dry before storage.
- **Storage:** Store the riflescope in a dry, cool place, ideally in its original packaging or a protective case, to prevent moisture and dust accumulation.

TROUBLESHOOTING

If you encounter issues with your Nightforce NX8 riflescope, consider the following common troubleshooting steps:

- **Unclear Image:** Check parallax adjustment, diopter setting, and ensure lenses are clean.
- **Reticle Not Illuminating:** Verify battery installation and charge. Refer to the full manual for battery type and replacement instructions.
- **Inconsistent Point of Impact:** Ensure the scope is securely mounted and all screws are tightened to the recommended torque specifications. Check for any obstructions in the barrel or scope path.
- **Turret Malfunction:** Ensure turrets are not obstructed by debris. If ZeroSet is engaged, disengage it to allow full travel.

For persistent issues or complex problems, it is recommended to consult the comprehensive owner's manual or contact Nightforce customer support.

SPECIFICATIONS

Feature	Specification
Brand	Nightforce
Model Name	NX8 4-32x50mm F1 Scope
Magnification Range	4-32x
Objective Lens Diameter	50mm
Focal Plane	First Focal Plane (F1/FFP)
Body Tube Diameter	30mm
Click Value	0.250 MOA or 0.1 MRAD
Internal Adjustment Range (Elevation)	90 MOA / 26 MRAD
Internal Adjustment Range (Windage)	70 MOA / 20 MRAD
Parallax Adjustment	11 yd - infinity
Eye Relief	3.5 in / 88 mm
Field of View (4x)	26.1 ft / 8.7 m per 100 yd/m

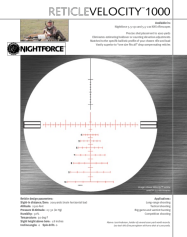
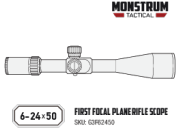

Field of View (32x)	4.6 ft / 1.5 m per 100 yd/m
Exit Pupil (4x)	7.3 mm
Exit Pupil (32x)	1.6 mm
Overall Length	13.4 in / 340 mm
Mounting Length	5.7 in / 145 mm
Optics Weight	28.6 oz
Reticle Type	Horus TREMOR3 Illuminated Reticle

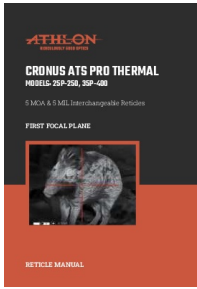
WARRANTY AND SUPPORT

Nightforce Optics stands by the quality and durability of its products. While chances are you'll never need it, your Nightforce riflescope is covered by a Limited Lifetime Warranty. Please take a moment to register your riflescope. You'll find a registration card in the box of your owner's manual or you can register online at NightforceOptics.com/WarrantyRegistration.

For technical assistance, service, or warranty claims, please contact Nightforce Optics directly. Their contact information can be found on their official website or in the full owner's manual.

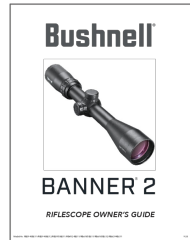
Related Documents - NX8 4-32x50mm F1 Scope, 30mm Tube, First Focal Plane, .250 MOA

	<p>Nightforce Velocity 1000 Reticle: Precision Long-Range Shooting Guide</p> <p>Discover the Nightforce Velocity 1000 reticle, a revolutionary solution for fast and precise long-range shooting. Tailored to your specific ballistic profile, it eliminates holdover guesswork for accurate shot placement up to 1000 yards. Learn about its features, applications, and model availability.</p>
	<p>Monstrum Tactical G3F62450 6-24x50mm First Focal Plane Rifle Scope User Manual</p> <p>Detailed user manual for the Monstrum Tactical G3F62450 6-24x50mm First Focal Plane Rifle Scope. Covers features, package contents, mounting instructions, focusing, adjustable objective (AO) usage, sighting in, reticle details, illumination, sunshade attachment, and warranty information.</p>
	<p>Tasco Rifle Scope and Target Scope Instruction Manual</p> <p>Detailed instructions for setting up, using, and maintaining Tasco riflescopes and target scopes. Covers focusing, mounting, zeroing, parallax correction, electronic reticles, and reticle rangefinding.</p>



[Athlon Optics Cronus ATS PRO Thermal Reticle Manual](#)

Detailed guide to the reticle settings, types, and configurations for the Athlon Optics Cronus ATS PRO Thermal scope models 25P-250 and 35P-400, including MOA and MIL reticle options.



[Bushnell Banner 2 Riflescope Owner's Guide: Features, Mounting, Sighting-In, and Warranty](#)

Comprehensive owner's guide for the Bushnell Banner 2 riflescope, covering features, mounting instructions, sighting-in procedures, DOA QBR reticle usage, technical specifications, and lifetime warranty information.



[Bushnell Prime Riflescope Owner's Guide - Features, Mounting, and Warranty](#)

Comprehensive owner's guide for Bushnell Prime riflescopes, covering features, proper mounting, sighting-in procedures, technical specifications, and the Bushnell Ironclad Warranty.