Goetland 6-24x50 AOEG

Goetland 6-24x50 AOEG Rifle Scope User Manual

Introduction

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Goetland 6-24x50 AOEG Rifle Scope. Please read this manual thoroughly before using the product to ensure optimal performance and safety. This scope is designed for precision aiming in various shooting activities, including hunting and airsoft.

Product Overview and Components

The Goetland 6-24x50 AOEG Rifle Scope is a versatile optical instrument featuring adjustable magnification, illuminated reticle, and robust construction. Familiarize yourself with the components included in your package:

- Rifle Scope
- Gift Box
- Protective Lens Covers (Front and Rear)
- Wrench
- Ring Mounts for 11mm Dovetail Rails (one pair)
- Ring Mounts for 20mm Picatinny/Weaver Rails (one pair)
- Cleaning Cloth
- User Manual (this document)



Image: The Goetland 6-24x50 AOEG Rifle Scope with its packaging and accessories, including protective covers, mounting rings, wrench, and cleaning cloth.

Setup

1. Mounting the Scope

Select the appropriate mounting rings (11mm Dovetail or 20mm Picatinny/Weaver) for your equipment. Securely attach the rings to your rifle's rail system. Place the scope into the rings, ensuring proper eye relief and reticle alignment. Tighten the ring screws evenly to avoid stressing the scope tube. Do not overtighten.

2. Battery Installation

The reticle illumination requires a CR2032 battery. Locate the illumination control knob, usually on the left side of the scope. Unscrew the battery cap and insert a fresh CR2032 battery with the positive (+) side facing outwards. Replace the cap securely. **Note:** Due to shipping regulations, the CR2032 battery is not included in the package.

Operating Instructions

1. Adjusting Magnification

The scope features a variable magnification range from 6x to 24x. Rotate the magnification ring, located near the eyepiece, to adjust the zoom level. Turn clockwise for higher magnification and counter-clockwise for lower magnification.



Image: Visual representation of the field of view at 6x, 12x, and 24x magnification settings.

2. Focusing and Parallax Adjustment (AOEG)

The 'AOEG' in the model name indicates an Adjustable Objective for parallax correction and focusing. Rotate the objective lens housing to bring the target into sharp focus and eliminate parallax error at different distances. This adjustment ensures the reticle and target appear on the same focal plane, improving accuracy.

3. Reticle Illumination

The scope offers red and green reticle illumination with 5 brightness levels for each color. Rotate the illumination control

knob to select the desired color and brightness. Turn the knob to 'R' for red or 'G' for green, then adjust the numbered settings (1-5) for brightness. Turn to '0' to switch off illumination.



Image: The scope's illumination control knob and examples of the reticle illuminated in red and green.

4. Windage and Elevation Adjustments

The windage (horizontal) and elevation (vertical) turrets are used to zero the scope. Remove the protective caps from the turrets. Each click of the turret adjusts the point of impact by a specific amount (e.g., 1/4 MOA). Rotate the elevation turret (top) to adjust vertically and the windage turret (right side) to adjust horizontally. Follow standard zeroing procedures for your specific firearm. After zeroing, replace the protective caps.



Image: Close-up views illustrating the adjustment points for magnification, windage, and elevation on the rifle scope.

Maintenance

1. Cleaning the Lenses

Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces to remove dust and smudges. For stubborn dirt, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens. Avoid abrasive materials or excessive force.

2. General Care and Storage

Store the scope in a cool, dry place away from direct sunlight and extreme temperatures. Always use the protective lens covers when the scope is not in use. The scope is constructed from aerospace-grade aluminum alloy and features O-ring sealing and nitrogen filling, making it waterproof and fogproof. While durable, avoid unnecessary impacts or rough handling.



Image: The scope's robust construction, highlighting its waterproof, shockproof, and fogproof capabilities, along with its lightweight aviation-grade aluminum material.

Troubleshooting

- **Blurred Image:** Ensure the eyepiece is properly focused for your eye and the objective lens is adjusted for parallax at the target distance.
- **Reticle Not Illuminating:** Check if the CR2032 battery is correctly installed and has sufficient charge. Replace if necessary.
- **Inconsistent Point of Impact:** Verify that the scope is securely mounted and all screws are tightened. Check for any loose components on the firearm or scope.
- **Fogging:** While the scope is fogproof, extreme temperature changes can sometimes cause external condensation. Allow the scope to acclimate or wipe with a dry cloth. Internal fogging indicates a seal issue and requires service.

Specifications

Feature	Specification
Brand	Goetland
Model Name	6-24x50 AOEG
Magnification	6x - 24x
Objective Lens Diameter	50 mm
Eye Relief	76.2 mm (3 inches)
Material	Aluminum Alloy
Illumination	Red/Green, 5 Brightness Levels
Mounting Type	Weaver Mount (compatible with 11mm Dovetail with included rings)
Product Dimensions (LxWxH)	15.75" x 2.36" x 2.17" (40cm x 6cm x 5.5cm)
Item Weight	610 Grams (1.34 lbs)
Waterproof	Yes
Fogproof	Yes
Shockproof	Yes

Warranty and Support

Your Goetland 6-24x50 AOEG Rifle Scope is backed by a**1-year replacement warranty**. In case of any issues or defects, please contact Goetland customer support for assistance. Our team is committed to providing responsive and helpful support to ensure your satisfaction.

For customer support, please refer to the contact information provided with your purchase or visit the official Goetland website.

Safety Information

- Always handle firearms and optical devices responsibly and safely.
- Ensure the firearm is unloaded and pointed in a safe direction before mounting or adjusting the scope.
- Never look directly at the sun or any intense light source through the scope, as this can cause permanent eye damage.
- Keep the scope and its accessories out of reach of children.
- Adhere to all local laws and regulations regarding firearm and accessory use.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I fix accuracy issues with my Goetland 6-24x50 AOEG rifle scope if the shots are inconsistent and all over the target?

If your Goetland 6-24x50 AOEG scope was previously accurate but is now producing inconsistent shots, please follow these troubleshooting steps based on the user manual:Check Mounting Security: The most common cause for an "all...

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