

Goetland RSC0004-02

Goetland 6-24x50 AOEG Rifle Scope Instruction Manual

Model: RSC0004-02

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, 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 rifle scope is designed for precision aiming in various shooting applications, featuring adjustable magnification, illuminated reticle, and durable construction.

2. PRODUCT FEATURES

- **Advanced Optics:** Features a rangefinding reticle, 50 mm objective diameter, and adjustable magnifications from 6x to 24x.
- **Illumination:** Red/green illuminated reticle with 5 levels of brightness control for varying light conditions.
- **Precision Adjustments:** Equipped with precise elevation and windage adjustments for superior accuracy.
- **Durable Construction:** Crafted from aerospace-grade aluminum alloy with O-ring sealing and nitrogen filling for waterproof and fogproof performance.
- **Protection:** Includes flip-up lens covers to keep lenses clean and protected.
- **Universal Compatibility:** Comes with two pairs of mounting rings for 20mm Weaver and 11mm Dovetail mounts, compatible with most equipment requiring precision optical attachments.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Image: Typical package contents for the Goetland Rifle Scope. Note: The scope shown in this image is black, but the contents are representative.

1. Rifle Scope (1)
2. Gift Box (1)
3. Protective Lens Covers (2)
4. Wrench (1)
5. Ring Mounts for 11mm Dovetail (1 pair)
6. Ring Mounts for 20mm Picatinny (1 pair)
7. Cleaning Cloth (1)
8. User Manual (1)

4. SETUP

4.1 Mounting the Scope

The Goetland Rifle Scope comes with two sets of mounting rings to accommodate both 20mm Weaver and 11mm

Dovetail rails. Choose the appropriate rings for your equipment.

1. Attach the chosen mounting rings to your rifle's rail, ensuring they are securely tightened.
2. Place the rifle scope into the rings. Ensure proper eye relief by adjusting the scope's position forward or backward.
3. Rotate the scope until the reticle is level.
4. Securely tighten the ring screws, ensuring even pressure to avoid damaging the scope tube.

4.2 Battery Installation for Illumination

The illuminated reticle requires a CR2032 battery (not included due to shipping policies). To install:

1. Unscrew the battery cap located on the illumination turret.
2. Insert one CR2032 battery with the positive (+) side facing outwards.
3. Replace the battery cap and tighten it securely to maintain waterproof integrity.



Image: Location of the battery compartment for reticle illumination.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Magnification

The scope offers variable magnification from 6x to 24x. Rotate the magnification ring, located near the eyepiece, to your desired power setting.



Image: Visual representation of magnification levels (6x, 12x, 24x).

5.2 Focusing the Objective Lens (AOEG)

The Adjustable Objective (AO) feature allows for parallax correction and sharper focus at different distances. Rotate the objective lens housing to match the distance to your target. This ensures the reticle and target appear in the same focal plane, reducing parallax error.

50mm |
OBJECTIVE DIAMETER

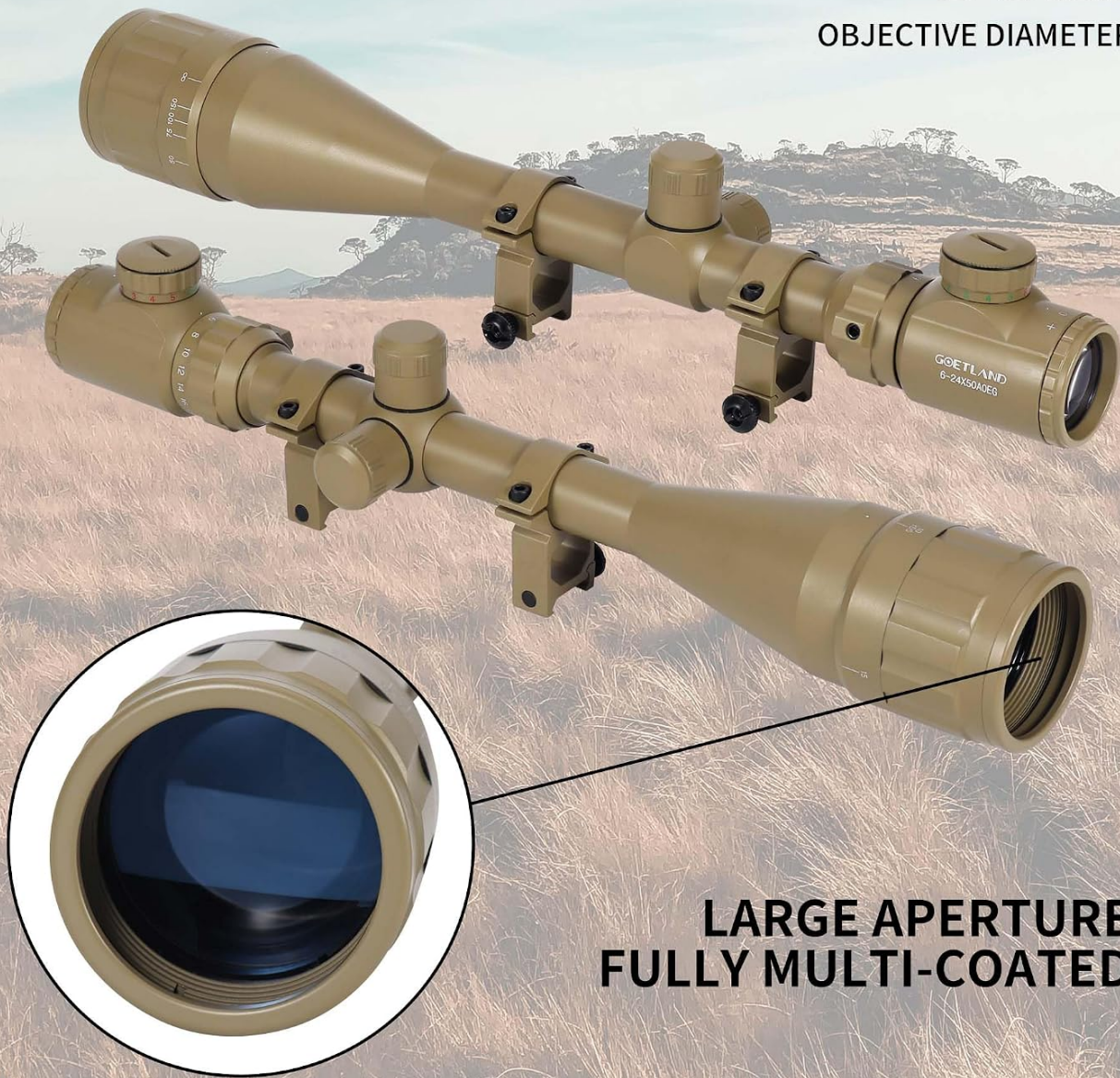


Image: The 50mm objective lens, which can be adjusted for focus and parallax.

5.3 Adjusting Elevation and Windage

The scope features external turrets for precise elevation (vertical) and windage (horizontal) adjustments. Each click of the turret moves the point of impact by a specific amount (e.g., 1/4 MOA per click).

1. Remove the turret caps.
2. Rotate the elevation turret (top) to adjust vertical aim.
3. Rotate the windage turret (side) to adjust horizontal aim.
4. After zeroing, replace the turret caps to protect the mechanisms.



Image: Detailed view of the adjustment turrets and their operation.

5.4 Reticle Illumination

The reticle can be illuminated in red or green with 5 brightness levels for each color.

1. Rotate the illumination turret (located on the side, opposite the windage turret) to turn on the illumination.
2. Continue rotating to cycle through the 5 brightness settings for red or green.
3. Turn the turret back to the 'off' position when not in use to conserve battery life.

6. MAINTENANCE

6.1 Cleaning

Keep the lenses clean for optimal clarity. Use the provided cleaning cloth or a soft, lint-free cloth. For stubborn smudges, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.

- Always use the flip-up lens covers when the scope is not in use to protect the lenses from dust and scratches.

- Avoid touching the lenses with your fingers.

6.2 Storage

Store the scope in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the illumination is turned off to prevent battery drain.

6.3 Durability Features

Your Goetland Rifle Scope is designed for resilience:



Image: Icons representing the waterproof, shockproof, and fogproof features of the scope.

- **Waterproof:** O-ring sealed to prevent moisture ingress.
- **Fogproof:** Nitrogen purged to eliminate internal fogging.
- **Shockproof:** Constructed to withstand recoil and impacts.

7. TROUBLESHOOTING

If you encounter issues with your rifle scope, please refer to the following common solutions:

Problem	Possible Cause	Solution
Blurred image	Improper focus or parallax setting.	Adjust the objective lens (AO) for parallax and focus. Ensure the eyepiece diopter is set correctly for your eye.
Reticle not illuminating	Battery drained or incorrectly installed.	Check battery orientation. Replace with a new CR2032 battery. Ensure battery cap is tight.
Inconsistent point of impact	Mounting rings loose or scope damaged.	Ensure mounting rings are securely tightened. If the problem persists, inspect for damage or contact support.
Fogging inside the scope	Seal integrity compromised (rare).	If internal fogging occurs, contact customer support as the nitrogen purge may be compromised.

If these steps do not resolve your issue, please contact Goetland customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	RSC0004-02
Magnification	6x-24x
Objective Lens Diameter	50 mm
Reticle Type	Rangefinder
Illumination	Red/Green, 5 Brightness Levels
Eye Relief	76.2 mm
Field Of View	40.38 Yards
Material	Aerospace-grade Aluminum Alloy
Waterproof	Yes (O-ring sealed)
Fogproof	Yes (Nitrogen filled)
Shockproof	Yes
Product Dimensions (L x W x H)	40 x 6 x 5.5 cm
Item Weight	550 Grams
Mounting Type	Weaver & Dovetail Mount (rings included)
Color	Sand

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Goetland Rifle Scope is backed by a **1-year replacement warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product performs as expected under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact our responsive customer support team:

Email: cs@goetland.com

Manufacturer: Shanghai Goetland Trading Co, Ltd.

ASK A QUESTION ABOUT THIS MANUAL

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Question

Details

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