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Goetland RSC0005-01

Goetland 1x30mm Red Dot Sight Reflex Optic User Manual

Model: RSC0005-01

INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Goetland 1x30mm Red Dot Sight Reflex Optic. Please read this manual thoroughly before using the product to ensure optimal performance and safety. This sight is designed for various applications including tactical use, hunting, airsoft, crossbows, carbines, and sport shooting.

PRODUCT OVERVIEW

The Goetland 1x30mm Red Dot Sight is a durable and versatile optic designed for quick target acquisition. It features a 30mm objective lens, offering a wide field of view, and is constructed from aerospace-grade aluminum alloy for robust performance.



Image Description: The main product image shows the Goetland 1x30mm Red Dot Sight, its black retail box with the 'Goetland Since 2017' logo, and two black mounting rings. The sight itself is black with adjustment turrets visible on top and side.

Key Features:

- **Precision Adjustments:** Features precise windage and elevation adjustments for accurate aiming.
- **Durable Construction:** Manufactured from aerospace-grade aluminum alloy, ensuring durability and versatility.
- **Dual Illumination:** Offers both green and red reticle illumination, with 5 brightness levels for each color, suitable for various lighting conditions. Green is recommended for daytime use, red for nighttime.
- **Weather Resistant:** Nitrogen-sealed, multi-coated lenses provide waterproof and fog-proof performance, allowing effective use in cold and damp conditions.
- **Integrated Mount:** Comes with a default 20mm rail mount, compatible with most carbines and air rifles.

40mm
OBJECTIVE DIAMETER



**LARGE APERTURE
FULLY MULTI-COATED**

Image Description: This image highlights the optical features of the Goetland Red Dot Sight. It shows two views of the sight, emphasizing a '40mm Objective Diameter' (note: product spec says 30mm, this image might be generic or for a different variant) and a 'Large Aperture Fully Multi-Coated' lens, with a close-up of the blue-tinted lens coating.

ONE TUBE ALUMINUM MATERIAL

Durable and light weight, waterproof and shockproof



Water Proof



Shock Proof



Fog Proof



light weight



Aviation grade aluminum alloy



Long service life

Image Description: The image displays the Goetland Red Dot Sight covered in water droplets, visually representing its waterproof capability. Accompanying icons and text highlight its features: waterproof, shockproof, fog proof, lightweight, made from aviation-grade aluminum alloy, and designed for long service life. A close-up inset shows the windage/elevation adjustment screws.

PACKAGE CONTENTS

Upon opening your Goetland Red Dot Sight package, please verify that all the following items are included:



Image Description: This image shows the complete package contents laid out: (1) the Red Dot Sight, (2) its gift box, (3 & 4) two protective lens covers, (5) a cleaning cloth, and (6) a user manual with a target diagram.

- 1 x Goetland 1x30mm Red Dot Sight
- 1 x Gift Box
- 2 x Protective Lens Covers (front and rear)
- 1 x Cleaning Cloth
- 1 x User Manual

Note: A CR2032 battery is required for operation but is not included due to shipping policies.

SETUP

1. Battery Installation

1. Locate the illumination control knob on the top of the sight.
2. Unscrew the battery cap from the top of the illumination control knob.

3. Insert one CR2032 lithium battery with the positive (+) side facing upwards.
4. Securely screw the battery cap back into place.

2. Mounting the Sight

The Goetland Red Dot Sight comes with an integrated 20mm Picatinny/Weaver rail mount. Ensure your firearm or airsoft gun has a compatible 20mm rail.

1. Loosen the mounting screws on the base of the sight.
2. Position the sight onto your firearm's 20mm rail at your desired location.
3. Ensure the sight is aligned properly and tighten the mounting screws firmly by hand. Avoid over-tightening to prevent damage.
4. For older models or specific setups, additional accessories like risers may be required.

OPERATING INSTRUCTIONS

1. Power On/Off and Illumination Adjustment



Image Description: This image illustrates the dual illumination feature of the Goetland Red Dot Sight. It shows the sight with its illumination control knob, and two insets displaying a red dot and a green dot, representing the selectable reticle colors. The dial indicates 5 brightness levels for each color (R1-R5 for red, G1-G5 for green).

- The illumination control knob is located on the top of the sight.
- Rotate the knob to select between red (R) and green (G) reticle colors.
- Each color has 5 brightness settings (1-5). Rotate the knob to increase or decrease brightness.
- To turn off the illumination, rotate the knob to the '0' position.

2. Windage and Elevation Adjustment

The sight features precise windage and elevation adjustment turrets to zero your optic.



Image Description: This image details the adjustment mechanisms of the Goetland Red Dot Sight. It shows the sight with its flip-up lens covers open, revealing the windage and elevation adjustment turrets. Close-up insets demonstrate how to turn the adjustment screws for precise changes to the point of impact.

1. Locate the elevation adjustment turret on top of the sight and the windage adjustment turret on the right side. These are typically covered by protective caps.

2. Remove the protective caps.
3. Use a flathead screwdriver or a coin to turn the adjustment screws.
4. **Elevation Adjustment:** Turning the top screw clockwise will move the point of impact down; counter-clockwise will move it up.
5. **Windage Adjustment:** Turning the side screw clockwise will move the point of impact left; counter-clockwise will move it right.
6. Make small adjustments and test fire to achieve zero at your desired distance.
7. Once zeroed, replace the protective caps to prevent accidental adjustments and protect the turrets.

MAINTENANCE

1. Cleaning

- Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lenses.
- For stubborn smudges, a small amount of lens cleaning solution designed for optics can be applied to the cloth, not directly to the lens.
- Keep the protective lens covers on when not in use to prevent dust and scratches.
- Clean the exterior of the sight with a damp cloth as needed. Avoid harsh chemicals.

2. Storage

- Store the sight in a cool, dry place away from direct sunlight and extreme temperatures.
- Always ensure the illumination is turned off to conserve battery life.
- If storing for extended periods, it is recommended to remove the battery to prevent leakage.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------------------|---|---|
| Red/Green dot does not illuminate. | Battery is dead or incorrectly installed. | Check battery orientation (+ side up). Replace with a new CR2032 battery. Ensure illumination knob is not on '0'. |
| Dot appears dim or flickers. | Low battery power. | Replace the CR2032 battery. |
| Cannot zero the sight. | Mounting screws are loose; insufficient adjustment range. | Ensure mounting screws are tight. If still unable to zero, check for proper rail compatibility or consider a riser if needed. |
| Fogging on lenses. | Extreme temperature changes; seal compromise. | Allow sight to acclimate to temperature. If persistent, contact support as internal seal may be compromised. |

SPECIFICATIONS

| Feature | Detail |
|---------|----------|
| Brand | Goetland |

| Feature | Detail |
|-------------------------|---|
| Model Number | RSC0005-01 |
| Magnification | 1x |
| Objective Lens Diameter | 30 mm |
| Reticle Type | 4 MOA Red/Green Dot |
| Illumination Settings | 5 brightness levels for Red, 5 for Green |
| Mount Type | Integrated 20mm Picatinny/Weaver Rail Mount |
| Material | Aerospace Aluminum Alloy |
| Color | Black |
| Dimensions (L x W x H) | 9.63 x 6.68 x 5.23 cm (approximately) |
| Weight | 200 Grams |
| Battery Type | 1 x CR2032 (not included) |
| Environmental Features | Waterproof, Fog-proof, Shockproof |

WARRANTY AND SUPPORT

Goetland products are manufactured to high-quality standards. For any issues or inquiries regarding your Red Dot Sight, please refer to the seller's return and warranty policy where you purchased the product. For direct support, you may contact Goetland customer service through their official channels, typically found on their website or product packaging.

Please retain your proof of purchase for any warranty claims.