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› ESSLNB Red Green Dot Sight Reflex Scope ES5002 User Manual

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ESSLNB Red Green Dot Sight Reflex Scope ES5002 User Manual

Model: ES5002

PRODUCT OVERVIEW

The ESSLNB Red Green Dot Sight Reflex Scope (Model ES5002) is a versatile and durable optical instrument designed for rapid target acquisition and enhanced aiming precision. Featuring a tubeless design with a 33mm objective lens, it offers a wide field of view suitable for various shooting scenarios. This sight provides dual red and green illumination with four selectable reticle patterns and five brightness levels for optimal visibility in diverse lighting conditions. Constructed from high-grade aluminum alloy, it is built to be waterproof, shockproof, and lightweight, ensuring reliable performance.



Image: The ESSLNB Red Green Dot Sight Reflex Scope, showcasing its compact design and the various red and green reticle options available.

KEY FEATURES

- **Tubeless Design & Wide Field of View:** Features a 33mm reflex sight lens aperture, providing a wide field of view (15.8m at 100m) ideal for tracking both rapid and stationary targets.
- **Dual Illumination & Multiple Reticles:** Offers dual red and green illumination with 4 distinct reticle shapes (Circle Dot, Cross, 1 MOA). This allows for unlimited eye-relief and corrected parallax, adapting to various environmental conditions like bright sunshine or cloudy days.
- **Durable & Robust Construction:** Manufactured from high-grade Aluminum Alloy, ensuring the sight is durable, lightweight, waterproof, and shockproof. It also features low power consumption for extended battery life and includes a rubber dust cover for added protection.
- **Adjustable Brightness:** Each illumination color (red and green) has 5 adjustable brightness levels, allowing users to tailor the reticle visibility to any light condition, ensuring performance even in extreme weather.
- **Easy Mounting & Adjustment:** Equipped with a built-in 20mm Picatinny mount for standard bases, providing a sturdy

and secure rail mounting system. The design ensures no re-zeroing is required when the sight is dismounted and remounted. An included Allen wrench facilitates easy adjustment of elevation and windage, complete with a locking screw for secure settings.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and in good condition:

- ESSLNB Red Green Dot Sight Reflex Scope (Model ES5002)
- CR2032 Battery
- Allen Wrench
- Rubber Dust Cap
- Cleaning Cloth
- Instruction Manual

1 Packing Box	2 Riflescope	3 Rubber Dust Cap
4 Battery	5 Wrench	6 Instruction
7 Cleaning Cloth		

ACCESSORIES

Easy installation and easy operation.



Image: A visual representation of the accessories included with the ESSLNB Red Green Dot Sight, highlighting the ease of installation and operation.

SETUP AND INSTALLATION

1. **Battery Installation:**

Locate the battery compartment, typically on the side or top of the sight. Unscrew the cap and insert the provided CR2032 battery with the positive (+) side facing outwards. Securely screw the cap back on.

2. **Mounting the Sight:**

The sight features a built-in 20mm Picatinny/Weaver mount. Loosen the locking screws on the base of the sight using the included Allen wrench. Align the sight's base with the rail on your compatible device (handgun, shotgun, or rifle). Slide the sight onto the rail until it is in the desired position. Tighten the locking screws firmly to secure the sight in place. Ensure the sight is mounted securely to prevent movement during use.

APPLICATION OF GUIDE RAIL

20mm/22mm Weaver/Picatinny Rail Mount.



Image: The underside of the sight, illustrating its integrated 20mm/22mm Weaver/Picatinny rail mount for easy attachment.

OPERATING INSTRUCTIONS

1. **Power On/Off and Brightness Adjustment:**

The sight is activated by rotating the illumination control knob, typically located on the side. This knob also controls the brightness levels (5 levels for each color) and switches between red and green illumination. Rotate the knob to the 'OFF' position to power down the sight.

2. Reticle Selection:

To change the reticle pattern, locate the reticle selector knob, usually at the rear of the sight. Rotate this knob to cycle through the four available reticle shapes: Circle Dot, Cross, and 1 MOA dot. Choose the reticle that best suits your aiming preference and environmental conditions.



Image: Close-up details of the sight, showing the reticle selector knob and other key operational parts.

3. Windage and Elevation Adjustment:

The sight features independent windage and elevation adjustment turrets. These are typically covered by protective caps. Remove the caps to access the adjustment screws. Use the included Allen wrench to make precise adjustments:

- **Elevation (UP/DOWN):** Adjusts the vertical position of the reticle. Turn the elevation screw to move the point of impact up or down.
- **Windage (LEFT/RIGHT):** Adjusts the horizontal position of the reticle. Turn the windage screw to move the point of impact left or right.

After adjustment, replace the protective caps. It is recommended to perform zeroing at a shooting range to calibrate the sight accurately for your specific device and ammunition.

STRUCTURE ANALYSIS

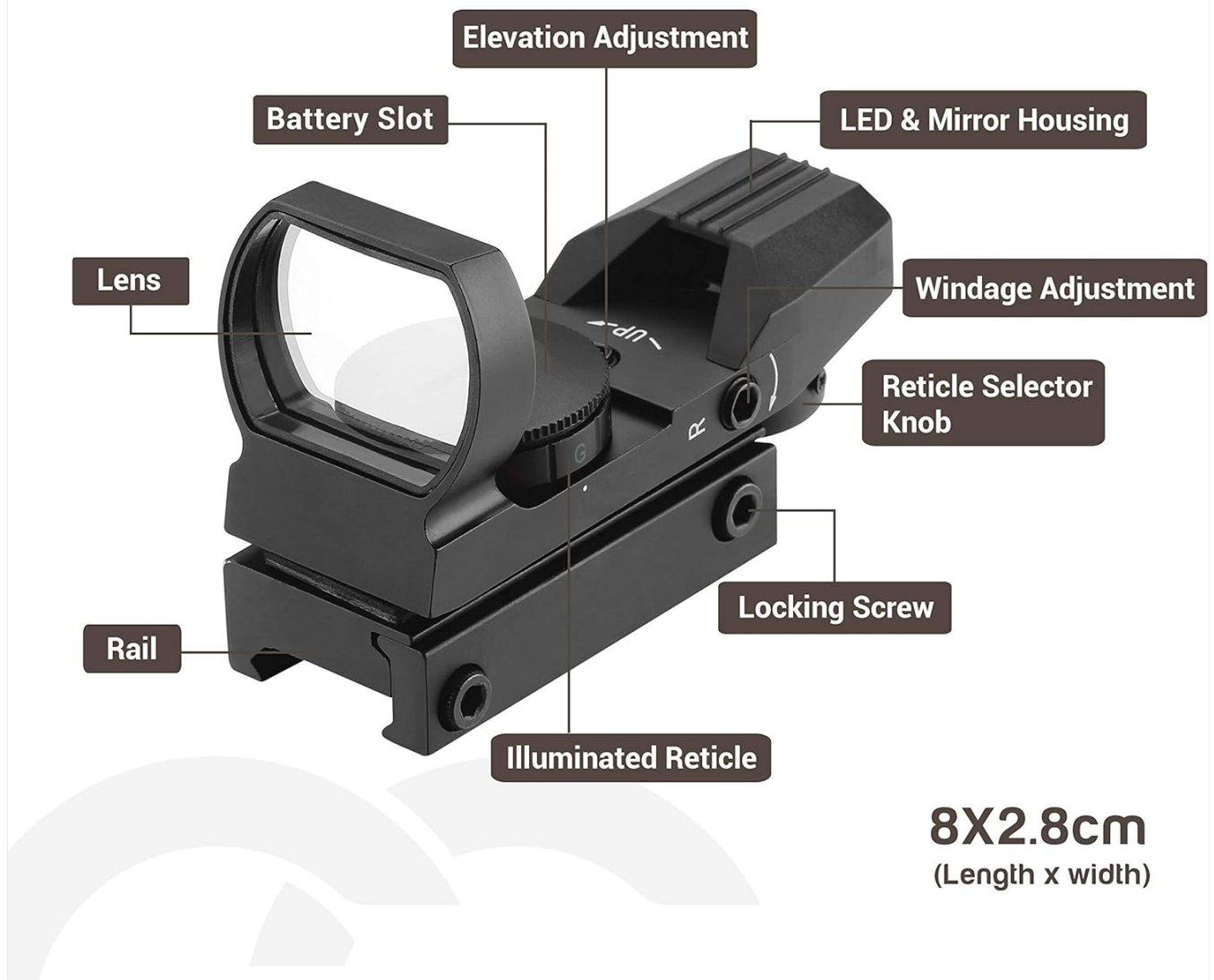


Image: A detailed diagram showing the various parts of the sight, including the adjustment points for windage and elevation.

MAINTENANCE

• Cleaning the Lenses:

Use the provided cleaning cloth or a soft, lint-free optical cloth to gently wipe the lens surfaces. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth (not directly to the lens). Avoid using abrasive materials or excessive force, which can scratch the lens coatings.

• General Cleaning:

Wipe the exterior of the sight with a damp cloth to remove dirt and debris. Ensure the sight is dry before storage. The rubber dust cover should be used when the sight is not in use to protect the lenses from dust and scratches.

• Battery Replacement:

If the reticle illumination becomes dim or inconsistent, it is time to replace the CR2032 battery. Follow the battery installation steps outlined in the "Setup and Installation" section.

• Storage:

Store the sight in a cool, dry place, away from direct sunlight and extreme temperatures. Always engage the rubber dust cover to protect the lenses.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reticle does not illuminate or is dim.	Low or dead battery; incorrect battery installation; illumination knob is off.	Replace battery with a new CR2032; ensure battery is inserted correctly (positive side up); turn the illumination knob to an active brightness level.
Reticle is blurry or distorted.	Lens is dirty; parallax issue; eye relief is incorrect.	Clean lenses with the provided cloth; ensure proper eye relief (this sight has unlimited eye relief, but individual vision may vary); verify the reticle selector is fully engaged.
Sight loses zero.	Mounting screws are loose; sight has experienced a significant impact.	Retighten mounting screws using the Allen wrench; re-zero the sight at a range.
Cannot adjust windage/elevation.	Adjustment caps are not removed; locking screw is engaged (if applicable); adjustment mechanism is stuck.	Remove protective caps from adjustment turrets; ensure any locking screws are disengaged before attempting adjustment. If still stuck, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	ESSLNB
Model Name	ES5002 Red Green Dot Reflex Sight with 4 Reticles
Color	Black
Style	Tactical
Product Dimensions (L x W x H)	3.23" x 1.57" x 3.23"
Item Weight	4.06 ounces
Material	Aluminum, Rubber
Objective Lens Diameter	33 Millimeters
Magnification Minimum	1 x
Compatible Devices	Handgun, Shotgun, Rifle
Mounting Type	Weaver Mount (20mm Picatinny compatible)
Night Vision	No
Reticle Type	Circle Dot, Cross, 1 MOA (4 selectable patterns)
Illumination	Red and Green, 5 brightness levels each
Included Components	Red Dot Sight, Battery (CR2032), Allen Wrench, Rubber Dust Cap, Cleaning Cloth

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official ESSLNB website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: ESSLNB

For further assistance, you may visit the [ESSLNB Store on Amazon](#).

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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