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## ESSLNB ES5029

# ESSLNB Airsoft Red Dot Sight Instruction Manual

Model: ES5029

## INTRODUCTION

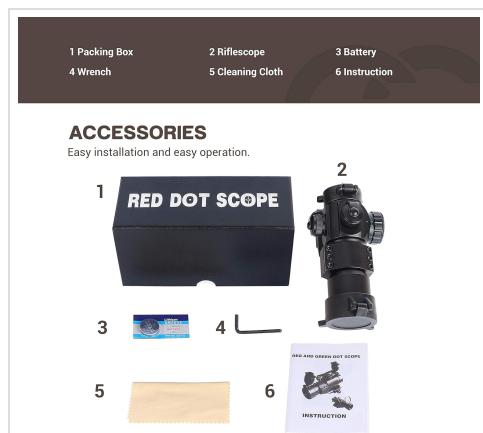
This manual provides detailed instructions for the proper use, installation, and maintenance of your ESSLNB Airsoft Red Dot Sight. Please read this manual thoroughly before operating the device to ensure safe and effective use. This red dot sight is designed for airsoft rifles and pistols, offering quick target acquisition and enhanced accuracy.

## SAFETY INFORMATION

- Always handle firearms and airsoft replicas responsibly and in accordance with all local laws and regulations.
- Ensure the airsoft replica is unloaded and safe before installing or adjusting the sight.
- Never look directly into the sun or any intense light source through the sight, as this can cause permanent eye damage.
- Keep the sight away from extreme temperatures and corrosive materials.
- Store the sight in a secure location, out of reach of children.

## PACKAGE CONTENTS

Verify that all items listed below are present in your package:



This image displays the typical contents of the ESSLNB Red Dot Sight package. You should find the main rifle scope unit, a battery for illumination, an Allen wrench for adjustments, and a cleaning cloth to maintain the lenses.

- 1 x ESSLNB Red Dot Sight (Riflescope)
- 1 x CR2032 Battery
- 1 x Allen Wrench
- 1 x Cleaning Cloth
- 1 x Instruction Manual (this document)

## PRODUCT OVERVIEW

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The ESSLNB Red Dot Sight features a robust aluminum construction and multi-coated optics for clear viewing.



This image shows the ESSLNB Red Dot Sight from a front-side perspective, highlighting its compact design and the flip-up lens covers. A top-down view of the sight's adjustment turrets is also visible, indicating the windage and elevation controls.



This diagram illustrates the 30mm objective lens diameter of the sight, emphasizing the large aperture and multi-coated lens elements designed to enhance light transmission and clarity.



The image depicts the ESSLNB Red Dot Sight in an outdoor environment, highlighting its durable aluminum construction. Accompanying icons indicate its shockproof, fogproof, and waterproof capabilities, ensuring reliability in various conditions.

## Key Features:

- **30mm Multi-Coated Objective Lens:** Increases light transmission for a brighter, clearer view.
- **Dual Illuminated Reticle:** Red and Green dot with 5 adjustable brightness settings for various lighting conditions.
- **Durable Construction:** Aluminum body, waterproof, shockproof, and fogproof.
- **Picatinny Mount:** Compatible with 20mm/22mm Picatinny/Weaver rails.
- **Flip-up Lens Covers:** Protects lenses from debris when not in use.

## SETUP

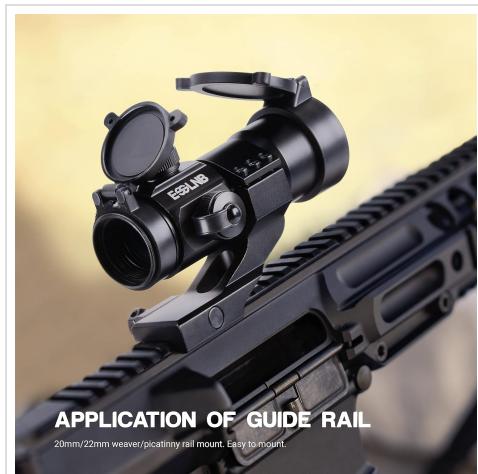
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### 1. Battery Installation:

1. Locate the battery compartment cap, usually on the side or top of the illumination control knob.
2. Unscrew the cap counter-clockwise.
3. Insert the CR2032 battery with the positive (+) side facing outwards.
4. Screw the cap back on clockwise until snug. Do not overtighten.

### 2. Mounting the Sight:

The sight comes with an integrated mount compatible with 20mm/22mm Picatinny/Weaver rails.



This image demonstrates the ESSLNB Red Dot Sight securely mounted onto a rifle's Picatinny rail. It highlights the integrated mounting system designed for easy and stable attachment to 20mm/22mm Weaver/Picatinny bases.

1. Loosen the mounting screws on the base of the sight.
2. Place the sight onto your airsoft replica's Picatinny/Weaver rail, ensuring proper alignment.
3. Slide the sight to your desired position for optimal eye relief.
4. Tighten the mounting screws firmly using the provided Allen wrench. Ensure the sight is secure and does not wobble.

### 3. Co-witnessing (Optional):

This sight is designed to co-witness with most standard iron sights, allowing you to use both the red dot and your iron sights simultaneously.



This image illustrates the co-witnessing capability of the ESSLNB Red Dot Sight. It shows how the red dot reticle aligns perfectly with existing iron sights, allowing for simultaneous use and quick target acquisition.

## OPERATING INSTRUCTIONS

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



This image displays the illumination control dial on the ESSLNB Red Dot Sight, showing the options for red and green dot reticles with 5 distinct brightness settings for each color. This allows users to select the optimal visibility based on ambient light conditions.

- The illumination control knob is located on the side of the sight.
- Rotate the knob to turn the sight ON and select the desired brightness level (1-5).
- Settings 'R' (Red) and 'G' (Green) allow you to switch between reticle colors.
- To turn OFF the sight, rotate the knob to the '0' position.
- For optimal visibility, use red for low-light or night conditions and green for daytime.

### 2. Windage and Elevation Adjustment:

Adjustments are made using the turrets located on the top (elevation) and side (windage) of the sight. These turrets are typically capped for protection.



This close-up image highlights the windage and elevation adjustment mechanisms on the ESSLNB Red Dot Sight. The windage adjustment is located on the side, and the elevation adjustment is on the top, both designed for precise zeroing of the sight.

- Remove the protective caps from the windage and elevation turrets.
- Use a flathead screwdriver or the provided Allen wrench (if applicable) to make adjustments.
- **Elevation Adjustment (Top Turret):** Turning clockwise moves the point of impact DOWN. Turning counter-clockwise moves the point of impact UP.
- **Windage Adjustment (Side Turret):** Turning clockwise moves the point of impact RIGHT. Turning counter-clockwise moves the point of impact LEFT.
- Make small adjustments and test fire to zero your sight accurately.
- Replace the protective caps after zeroing.

## MAINTENANCE

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### 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 using abrasive materials or harsh chemicals, as they can damage the lens coatings.

### General Care:

- Always use the flip-up lens covers when the sight is not in use to protect the lenses.
- Store the sight in a dry, cool place to prevent moisture damage.
- If storing for an extended period, remove the battery to prevent leakage.
- Periodically check mounting screws for tightness, especially after heavy use.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Reticle does not illuminate.	Battery is dead or incorrectly installed.	Check battery orientation (+ side out). Replace with a new CR2032 battery.
Reticle is dim or flickers.	Low battery or poor contact.	Replace battery. Ensure battery compartment cap is tightened.
Point of impact shifts.	Sight is not securely mounted.	Tighten mounting screws. Ensure rail is clean and free of debris.

Problem	Possible Cause	Solution
Reticle appears blurry.	Lens is dirty or eye relief is incorrect.	Clean lenses. Adjust eye relief by moving your head or the sight along the rail.

## SPECIFICATIONS

Feature	Detail
Model	ES5029
Magnification	1x
Objective Lens Diameter	30mm
Reticle Type	Red/Green Dot
Brightness Settings	5 levels for each color
Material	Aluminum Alloy
Mounting Type	20mm/22mm Picatinny/Weaver Rail
Power Source	CR2032 Battery
Waterproof	Yes
Shockproof	Yes
Fogproof	Yes
Item Weight	9.76 Ounces (approx. 276.7 grams)
Dimensions (L x W x H)	6.77 x 3.43 x 2.99 inches (approx.)

## WARRANTY AND SUPPORT

ESSLNB provides a warranty for this product. Please refer to the warranty description provided with your purchase, typically 2 years. For any technical support, warranty claims, or inquiries, please contact ESSLNB customer service through the retailer where you purchased the product or visit the official ESSLNB store online.

**ESSLNB Official Store:** [Visit ESSLNB Store on Amazon](#)