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› [ESSLNB](#) /

› [ESSLNB 3-9X50mm Rifle Scope User Manual](#)

## ESSLNB AO5026

# ESSLNB 3-9X50mm Rifle Scope User Manual

Model: AO5026

Brand: ESSLNB

## INTRODUCTION

Thank you for choosing the ESSLNB 3-9X50mm Rifle Scope. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new rifle scope. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

## Package Contents

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

- 1 x Rifle Scope
- 2 x Ring Mounts
- 2 x Lens Covers
- 1 x Cleaning Cloth
- 1 x User Manual (this document)
- 1 x Sunshade Tube

1 Packing Box  
4 Flip Cover  
7 Cleaning Cloth

2 Sunshade Tube  
5 Wrench  
8 Instruction

3 RifleScope  
6 Ring Mount

## ACCESSORIES

Easy installation and easy operation.



Image: Included accessories for the ESSLNB 3-9X50mm Rifle Scope, showing the scope, ring mounts, lens covers, cleaning cloth, user manual, and sunshade tube.

## SAFETY INFORMATION

Always handle firearms and optical equipment with extreme care. Adhere to all local and national firearm safety regulations. Never look directly at the sun or any intense light source through the scope, as this can cause permanent eye damage.

- Ensure the firearm is unloaded and safe before mounting or adjusting the scope.
- Always point the firearm in a safe direction.
- Keep your finger off the trigger until ready to shoot.
- Be sure of your target and what is beyond it.
- Store the scope and firearm securely, out of reach of children.

## COMPONENTS OVERVIEW

The ESSLNB 3-9X50mm Rifle Scope is designed for durability and precision. Key components include:

- **Objective Lens:** The front lens, 50mm in diameter, gathers light for a bright image.
- **Eyeiece:** The rear lens through which you view the target.
- **Magnification Ring:** Adjusts the zoom level from 3x to 9x.

- **Windage and Elevation Turrets:** Used for adjusting the point of impact.
- **Illumination Control:** Adjusts the brightness and color of the reticle.
- **Sunshade Tube:** Attachable tube to reduce glare from direct sunlight.



Image: A detailed view of the ESSLNB 3-9X50mm Rifle Scope, highlighting its main body, objective lens, eyepiece, and adjustment turrets.

## SETUP

### Mounting the Scope

The ESSLNB rifle scope comes with 20mm/22mm Picatinny/Weaver rail mount rings for secure attachment to your firearm.

1. **Attach Mount Rings:** Secure the provided ring mounts to your firearm's Picatinny or Weaver rail. Ensure they are spaced appropriately to support the scope evenly.
2. **Position the Scope:** Place the rifle scope into the lower halves of the mount rings. Adjust the scope's position forward or backward to achieve proper eye relief. Eye relief is the distance between your eye and the eyepiece that provides a full, clear field of view.
3. **Level the Reticle:** Rotate the scope within the rings until the reticle is perfectly level. This is crucial for accurate shooting.
4. **Secure the Rings:** Attach the upper halves of the mount rings and tighten the screws evenly. Do not overtighten, as this can damage the scope tube.

# 2 RAIL MOUNT RINGS

Easily mounted onto any 20/22mm Picatinny or Weaver mount rails.



Image: The ESSLNB rifle scope mounted on a firearm using the included rail mount rings, demonstrating the secure attachment to a Picatinny rail.

## Battery Installation (for Reticle Illumination)

The reticle illumination requires one CR2032 battery (not included in some packages). The battery compartment is typically located on the illumination control knob.

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

## OPERATION

### Adjusting Magnification

The scope features a variable 3-9X magnification. To adjust, simply rotate the magnification ring located near the eyepiece. Turn it clockwise to increase magnification and counter-clockwise to decrease it.



## 3-9X Zoom Magnification

3-9X adjustable magnification for observing objects in different distance clearly.

Image: Illustration demonstrating the 3-9X zoom magnification capability of the rifle scope, showing how the view changes at different magnification levels.

### Reticle Illumination

The scope offers red, green, and blue reticle illumination with three brightness levels for each color. This feature enhances visibility in various lighting conditions.

- Rotate the illumination control knob to select the desired color (Red, Green, or Blue).
- Continue rotating the knob to cycle through the three brightness levels for the selected color.
- Turn the knob to the "OFF" position when illumination is not needed to conserve battery life.

# RED / GREEN / BLUE DOT

Reticle with 3 illuminations (green/red/ blue), 3 levels of brightness setting for each color allow you to find the perfect brightness needed for lighting and weather in different conditions.

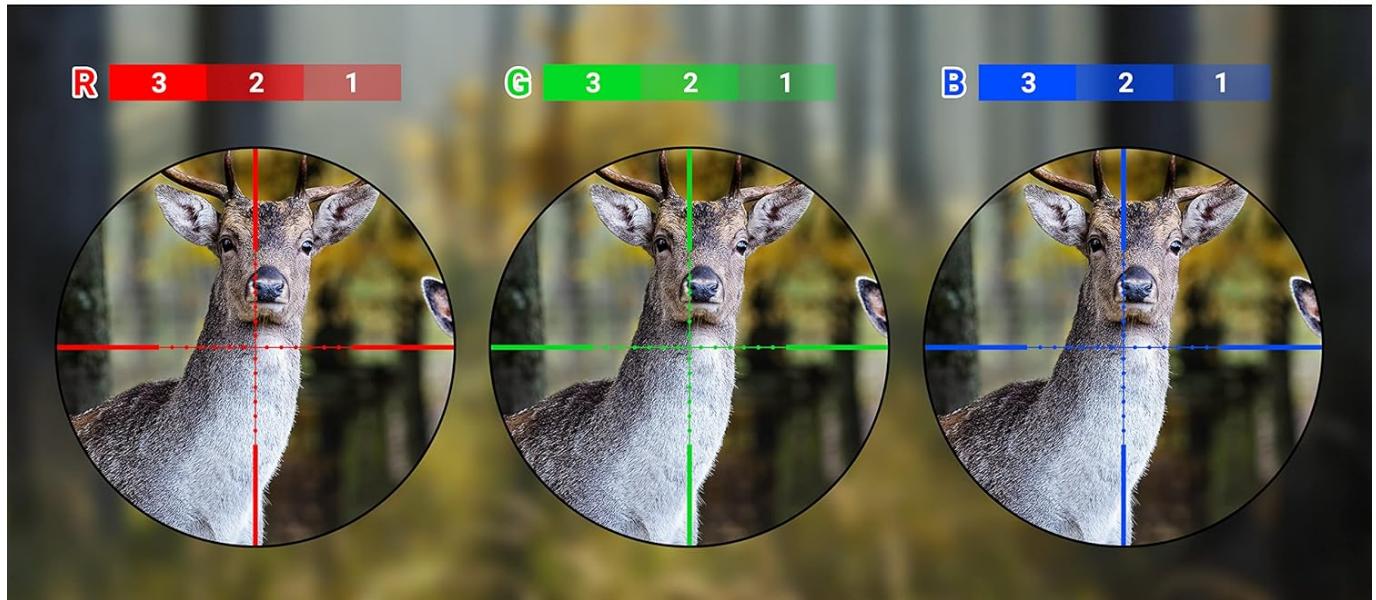


Image: Visual representation of the red, green, and blue reticle illumination options, each with three brightness settings, as seen through the scope.

## Focusing and Parallax Adjustment

Adjust the eyepiece to achieve a sharp reticle image. For parallax, if your scope has an adjustable objective (AO) or side focus knob, rotate it until the target appears clear and the reticle does not shift relative to the target when you move your head slightly.

## Zeroing the Scope (Windage and Elevation)

Zeroing is the process of aligning the scope's point of aim with the firearm's point of impact at a specific distance.

- Preparation:** Set up a target at your desired zeroing distance (e.g., 50 or 100 yards). Ensure your firearm is securely rested.
- Initial Shots:** Fire a group of 3-5 shots. Observe where the shots impact relative to your aim point.
- Adjust Elevation:** If shots are high, turn the elevation turret (top) clockwise to move the point of impact down. If shots are low, turn it counter-clockwise to move the point of impact up.
- Adjust Windage:** If shots are right, turn the windage turret (side) clockwise to move the point of impact left. If shots are left, turn it counter-clockwise to move the point of impact right.

5. **Fine-tuning:** Make small adjustments and fire additional groups until your shots consistently hit the center of the target.

The scope features Mil-Dot reticles which can be used for estimating distances to targets once you are familiar with their subtensions.

## MAINTENANCE

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### Cleaning the Lenses

To maintain optical clarity, keep the lenses clean. Use the provided cleaning cloth or a soft, lint-free cloth designed for optics. For stubborn smudges, use a small amount of lens cleaning fluid.

- Gently brush off any loose dust or debris from the lens surface.
- Apply a small amount of lens cleaning fluid to the cloth, not directly to the lens.
- Wipe the lens in a circular motion from the center outwards.
- Avoid touching the lens surfaces with your fingers.

### General Care and Storage

The scope is constructed from durable aluminum alloy and is designed to be waterproof, fog-proof, and shock-proof. However, proper care will extend its lifespan.

- Always use the lens covers when the scope is not in use to protect the lenses from scratches and dust.
- Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the scope to severe impacts.
- If the sunshade tube is used, ensure it is securely attached to prevent glare.

# WITH SUNSHADE TUBE



Image: The rifle scope shown with the sunshade tube attached, illustrating its function in reducing sun glare for improved visibility.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurred image	Improper focus or parallax adjustment.	Adjust the eyepiece focus and/or parallax knob until the image is sharp.
Reticle illumination not working	Dead battery, incorrect battery orientation, or loose battery cap.	Replace the CR2032 battery, ensure correct polarity (+ side up), or tighten the battery cap.
Shots not grouping / Inconsistent point of impact	Loose mounting rings, damaged scope, or improper zeroing.	Check and tighten mounting rings. Re-zero the scope carefully. If issues persist, contact support.

Problem	Possible Cause	Solution
Fogging inside the scope	Extreme temperature changes or seal compromise.	Allow the scope to acclimate to the temperature. If fogging persists, the internal seal may be compromised; contact support.

## SPECIFICATIONS

Feature	Detail
Model	AO5026
Magnification	3-9X
Objective Lens Diameter	50 mm
Tube Diameter	25.4 mm (1 inch)
Length	370 mm
Net Weight	650 g
Field of View (at 100 yards)	13.41-40.38 m
Exit Pupil	66.8 - 99.06 mm
Material	Aluminum Alloy
Reticle Illumination	Red / Green / Blue with 3 brightness levels
Battery Type	1 x CR2032 (not included)
Mount Type	Picatinny (20mm / 22mm)
Environmental Resistance	Waterproof, Fog-proof, Shock-proof

**50**mm  
OBJECTIVE DIAMETER



## LARGE APERTURE & FULLY MULTI-COATED

Strong light transmission and high clarity.

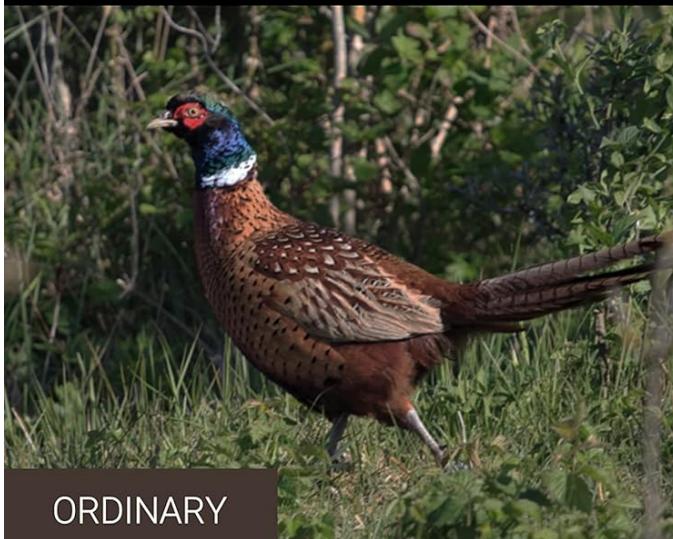


Image: Close-up view of the 50mm objective lens, highlighting its large aperture and multi-coated design for strong light transmission and high clarity.

# ONE TUBE ALUMINUM MATERIAL

Durable and light weight, waterproof and shockproof.



Shock Proof



Fog Proof



Water Proof



Image: The rifle scope's durable one-tube aluminum material construction, emphasizing its shock-proof, fog-proof, and waterproof properties, set against a natural backdrop.

## WARRANTY INFORMATION

ESSLNB products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact ESSLNB customer support. Keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your ESSLNB rifle scope, please contact our customer support team. Contact information can typically be found on the product packaging or on the official ESSLNB website.

For the latest information and support, please visit the official ESSLNB store: [ESSLNB Store on Amazon](#).

