

## ZEISS V8 1.8-14x50/Ext. Elevation Turret

# ZEISS V8 Riflescope User Manual

Model: V8 1.8-14x50/Ext. Elevation Turret

Brand: ZEISS

## INTRODUCTION

This manual provides essential information for the proper use, setup, maintenance, and troubleshooting of your ZEISS V8 Riflescope. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

The ZEISS V8 Riflescope is engineered for precision and durability, featuring advanced optical systems and robust construction suitable for demanding hunting environments.

## PRODUCT OVERVIEW

The ZEISS V8 Riflescope, specifically the 1.8-14x50 model with External Elevation Turret, is designed to offer superior optical performance and reliability. Key features include:

- **92% Light Transmission:** Utilizes the Ultra-FL Concept with SCHOTT fluoride glasses for exceptional color fidelity, brightness, and detail resolution, even in challenging light conditions.
- **ZEISS T\* and LotuTec-Coating:** Ensures brilliant images and clear visibility in various weather conditions.
- **Compact and Heavy-Duty Construction:** The 30mm main tube housing is rigorously tested for impact resistance and is waterproof to 13 feet for up to two hours.
- **Daylight Visible Ultra-Fine Illuminated Reticle:** Provides precise targeting with minimal coverage.
- **Extra-Large Eyepiece:** Facilitates quick target acquisition in dynamic hunting situations.



Image: The ZEISS V8 Rifle scope, showing the main tube, objective lens, and ocular lens with adjustment turrets visible.

## SETUP AND MOUNTING

---

Proper mounting is crucial for the accuracy and performance of your rifle scope. It is recommended to have the rifle scope mounted by a qualified gunsmith.

### Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all included items are present:

- Rifle scope
- Lens caps
- Battery
- Cleaning cloth
- Quick guide
- Safety information

### Mounting Instructions

The ZEISS V8 Rifle scope is compatible with Picatinny Mount systems. Follow these general steps for mounting:

1. Ensure the firearm is unloaded and pointed in a safe direction.
2. Select appropriate rings that match the 30mm main tube diameter of the rifle scope.
3. Securely attach the base to the firearm's receiver according to the base manufacturer's instructions.
4. Place the rifle scope into the lower half of the rings, ensuring proper eye relief and reticle alignment.
5. Attach the upper half of the rings and tighten screws evenly, following the torque specifications provided by the ring manufacturer. Avoid over-tightening.
6. Verify that the rifle scope is level and the reticle is plumb.



Image: An angled view of the ZEISS V8 Riflescope, highlighting the objective lens and the elevation turret.

## OPERATING THE RIFLESCOPE

---

### Adjusting Magnification

The magnification ring is located on the ocular end of the riflescope. Rotate the ring to adjust the magnification from 1.8x to 14x. Ensure a clear sight picture at your desired magnification.

### Focusing the Reticle (Diopter Adjustment)

To ensure a sharp reticle image, adjust the diopter setting:

1. Point the riflescope at a plain, bright background (e.g., a clear sky).
2. Quickly glance through the riflescope.
3. Adjust the diopter ring (located on the ocular lens) until the reticle appears perfectly sharp and crisp.
4. Once set, this adjustment typically does not need to be changed unless another user with different vision uses the scope.

### Windage and Elevation Adjustment

The ZEISS V8 1.8-14x50 model features an External Elevation Turret for precise vertical adjustments and a windage turret for horizontal adjustments. Each click of the turret corresponds to a specific change in point of impact (MOA).

- **Elevation Turret:** Rotate the top turret to adjust for bullet drop. The external turret allows for quick and precise adjustments in the field.
- **Windage Turret:** Rotate the side turret to compensate for wind drift.
- Refer to your ballistic data and shooting conditions for appropriate adjustments.

### Illuminated Reticle Operation

The riflescope features a daylight visible ultra-fine illuminated reticle. The illumination control is typically integrated into the parallax or magnification turret.

1. Rotate the illumination control knob to turn the reticle illumination on or off.
2. Continue rotating to adjust the brightness level to suit ambient light conditions.

3. To conserve battery life, turn off the illumination when not in use.



Image: Side view of the ZEISS V8 Riflescope, showing the main body and the turrets for adjustment.

## MAINTENANCE AND CARE

Proper maintenance will ensure the longevity and performance of your ZEISS V8 Riflescope.

### Cleaning the Lenses

The lenses are coated with ZEISS LotuTec-Coating, which repels water and dirt, making cleaning easier.

1. Use a soft brush or compressed air to remove loose dust and debris.
2. Apply a small amount of lens cleaning fluid to a clean microfiber cloth (included).
3. Gently wipe the lens surface in a circular motion, starting from the center and moving outwards.
4. Avoid using harsh chemicals or abrasive materials, as these can damage the coatings.

### Cleaning the Body

Wipe the riflescope body with a soft, damp cloth to remove dirt and grime. For stubborn dirt, a mild soap solution can be used, followed by wiping with a clean, damp cloth and drying thoroughly.

### Storage

Store the riflescope in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided lens caps to protect the lenses when not in use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurred Reticle	Improper diopter adjustment.	Re-adjust the diopter setting as described in the "Operating the Riflescope" section.

Problem	Possible Cause	Solution
Image is blurry or unclear	Lenses are dirty; improper focus.	Clean lenses according to "Maintenance" section. Ensure proper focus for the target distance.
Reticle illumination not working	Battery depleted or incorrectly inserted.	Check battery orientation. Replace battery if necessary.
Point of impact shifts	Mounting rings loose; scope damaged.	Check and tighten mounting rings to manufacturer's specifications. If problem persists, contact ZEISS customer support.

## SPECIFICATIONS

Feature	Detail
Model Name	522111-9960-040
Style	V8 1.8-14x50/Ext. Elevation Turret
Brand	ZEISS
Color	Black
Sport	Hunting
Item Weight	54.4 Ounces
Material	Aluminum
Compatible Devices	Rifle
Mounting Type	Picatinny Mount
Night Vision	No
UPC	740035016361
Item Package Dimensions	18.9 x 4.06 x 3.78 inches
Package Weight	1.42 Pounds
Item Dimensions LxWxH	18.6 x 3.6 x 3.6 inches
Included Components	Riflescope, lens cap, battery, cleaning cloth, quick guide, safety information

## WARRANTY INFORMATION

The ZEISS V8 Riflescope comes with a Limited Lifetime Warranty. For detailed terms and conditions, please refer to the official ZEISS warranty documentation or visit the ZEISS website.

*Warranty Description:* Limited lifetime

# CUSTOMER SUPPORT

---

For further assistance, technical support, or service inquiries, please contact ZEISS customer support.  
Visit the official ZEISS website for contact information and additional resources: [www.zeiss.com](http://www.zeiss.com)

---