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› Swarovski Z6 2.5-15x56mm Riflescope User Manual

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Swarovski Z6 2.5-15x56mm Riflescope User Manual

Model: Z6 2.5-15x56mm (Model Number: 59510)

1. INTRODUCTION

This manual provides essential instructions for the proper use, setup, operation, and maintenance of your Swarovski Z6 2.5-15x56mm Riflescope. Designed for precision and reliability, this riflescope is suitable for various hunting conditions, including low-light environments. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

2. SAFETY INSTRUCTIONS

- **Always ensure the firearm is unloaded and safe** before mounting, adjusting, or performing any maintenance on the riflescope.
- **Never look directly at the sun** or any other intense light source through the riflescope, as this can cause permanent eye damage.
- **Handle with care:** The riflescope is a precision optical instrument. Avoid dropping or subjecting it to severe impacts.
- **Keep out of reach of children.**
- **Dispose of packaging materials responsibly.**

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Swarovski Z6 2.5-15x56mm Riflescope

- Lens Cloth
- Dust Cover
- User Manual (this document)



Image: The Swarovski Z6 2.5-15x56mm Riflescope, typically accompanied by a lens cloth and a dust cover, as included in the package.

4. SETUP

4.1 Mounting the Riflescope

The Swarovski Z6 2.5-15x56mm Riflescope is designed for use with Weaver Mount systems. Proper mounting is crucial for accuracy and consistent performance.

1. **Select appropriate rings:** Use high-quality 30mm rings compatible with your Weaver Mount base.
2. **Position the riflescope:** Place the riflescope in the rings, ensuring proper eye relief. Eye relief is the distance between your eye and the ocular lens when the full field of view is visible. Adjust the scope forward or backward until you achieve comfortable eye relief.
3. **Level the reticle:** Rotate the riflescope until the reticle (Plex Reticle) is perfectly level with the firearm. This is critical for accurate windage and elevation adjustments.
4. **Tighten rings:** Securely tighten the ring screws according to the manufacturer's specifications for the rings. Do not overtighten, as this can damage the scope tube.

4.2 Initial Adjustments

After mounting, perform initial adjustments before zeroing.

- **Diopter Adjustment:** Look through the scope at a plain, bright background (e.g., a clear sky). Rotate the diopter adjustment ring (usually located on the ocular lens) until the reticle appears sharp and clear. This adjustment compensates for individual eyesight differences.
- **Magnification Setting:** The riflescope features a 2.5-15x magnification range. Rotate the magnification ring to your desired setting. Start with a lower magnification for a wider field of view during initial setup.

5. OPERATING THE RIFLESCOPE

5.1 Magnification Adjustment

The magnification ring allows you to adjust the power from 2.5x to 15x. Rotate the ring clockwise to increase magnification and counter-clockwise to decrease it. Higher magnification provides more detail but reduces the field of view.

5.2 Focusing (Parallax Adjustment)

For optimal clarity and to eliminate parallax error at different distances, use the parallax adjustment knob (if present, typically on the side turret). Rotate the knob until the target appears sharp and the reticle does not shift relative to the target when you move your head slightly.

5.3 Windage and Elevation Adjustments (Ballistic Turret)

The riflescope features a Ballistic Turret for precise windage and elevation adjustments. These turrets are typically marked with clicks, each representing a specific change in point of impact at a given distance (e.g., 1/4 MOA or 1/10 MIL per click).

- 1. **Elevation Turret:** Located on top of the scope. Rotate to adjust the vertical point of impact.
- 2. **Windage Turret:** Located on the side of the scope. Rotate to adjust the horizontal point of impact.
- 3. **Zeroing:** Refer to your firearm's manual and standard zeroing procedures. After zeroing, you may be able to reset the turrets to a "0" mark for easy reference.

5.4 Reticle (Plex Reticle)

The Plex Reticle provides a clear aiming point. Familiarize yourself with its design and any subtensions it may offer for holdovers or windage corrections, if applicable to your specific reticle variant.

6. MAINTENANCE

6.1 Cleaning the Lenses

Use the provided lens cloth or a high-quality optical cleaning cloth to gently wipe dust and smudges from the lenses. For stubborn dirt, use a specialized optical cleaning solution and a soft brush or cotton swab. Avoid using abrasive materials or harsh chemicals, which can damage the lens coatings.

6.2 Cleaning the Riflescope Body

The riflescope body, made of aluminum, can be cleaned with a soft, damp cloth. Avoid using solvents or harsh cleaning agents. Ensure all caps and covers are in place to prevent moisture or debris from entering the scope.

6.3 Storage

When not in use, store the riflescope in a dry, cool place, away from direct sunlight and extreme temperatures. Use the provided dust cover to protect the lenses from dust and scratches.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurry image / Reticle not sharp	Incorrect diopter adjustment; Parallax error; Dirty lenses	Adjust diopter ring; Adjust parallax knob; Clean lenses with lens cloth.
Point of impact shifts	Loose mounting rings; Damaged scope; Incorrect zeroing	Check and tighten mounting rings; Re-zero the riflescope; If problem persists, contact support.

Problem	Possible Cause	Solution
Difficulty adjusting turrets	Turret caps too tight; Debris in mechanism	Ensure turret caps are removed or loosened; Gently clean around turrets. Do not force adjustments.

8. SPECIFICATIONS

Brand	Swarovski
Model Name	Swarovski Z6i 2.5-15X56 Rifle Scope
Model Number	59510
Magnification Range	2.5x - 15x
Objective Lens Diameter	56mm (Note: The provided data states 24.2 Millimeters, which seems incorrect for a 56mm scope. Assuming 56mm based on product title.)
Material	Aluminum
Item Weight	1.7 Pounds
Mounting Type	Weaver Mount
Reticle Type	Plex Reticle
Tube Diameter	30mm
Field Of View	49.5 Feet (at 100 yards, at lowest magnification)
Color	Matte Black
UPC	708026595134, 708026595103

Note: Specifications are subject to change without notice.

9. WARRANTY AND SUPPORT

Swarovski Optik products are known for their high quality and reliability. For specific warranty information, including terms and conditions, please refer to the official Swarovski Optik website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

For technical assistance, spare parts, or service inquiries, please contact Swarovski Optik customer support through their official channels. Do not attempt to repair the riflescope yourself, as this may void the warranty and cause further damage.

Contact Information: Please visit the official Swarovski Optik website for the most up-to-date contact details and service centers.

