

Simmons SPH3940

Simmons PRO Hunter 3-9X40MM Riflescope User Manual

Model: SPH3940 | Brand: Simmons

1. INTRODUCTION

The Simmons PRO Hunter 3-9X40MM Riflescope is engineered to provide clear and reliable performance in various outdoor conditions. Featuring an all-glass optical system with fully coated lenses, this riflescope delivers crisp images, even in low-light environments. Its robust construction ensures durability with IPX7 waterproof, fog-proof, and shockproof capabilities.

Key features include:

- **IPX7 Waterproof and Fogproof Construction:** Designed to withstand harsh weather conditions.
- **All-Glass Optical System with Fully Coated Lenses:** Ensures bright and sharp images, especially in low light.
- **Aggressive New Design:** Features textured knurling on the magnification ring and turret caps for easy adjustment, even with gloved hands.
- **One-Inch One-Piece Aluminum Main Tube:** Provides a durable and stable platform.
- **Simmons Truplex Reticle:** A simple and effective reticle for aiming.
- **Included Accessories:** Comes with lens covers and one-inch aluminum Weaver-style rings for immediate use.



Figure 1: Overall view of the Simmons PRO Hunter 3-9X40MM Riflescope.

2. SETUP AND MOUNTING

2.1 Mounting the Riflescope

The Simmons PRO Hunter riflescope includes one-inch aluminum Weaver-style rings for mounting. Ensure your firearm has a compatible Weaver or Picatinny rail. Proper mounting is crucial for accuracy and consistent performance.

1. **Secure the Rings:** Attach the bottom halves of the Weaver-style rings to your firearm's rail. Ensure they are spaced appropriately to accommodate the riflescope's main tube, providing balanced support. Tighten the base screws securely, but do not overtighten.
2. **Place the Riflescope:** Carefully place the riflescope into the bottom halves of the rings.
3. **Attach Top Halves:** Place the top halves of the rings over the riflescope and loosely insert the screws.
4. **Adjust Eye Relief:** With the rifle shouldered in your natural shooting position, slide the riflescope forward or backward within the rings until you achieve a full, clear field of view without any dark crescent shadows (vignetting) around the edges. This is your optimal eye relief.
5. **Level the Reticle:** Rotate the riflescope within the rings until the reticle (crosshairs) is perfectly level with the firearm. A scope leveling tool or a plumb bob can assist with this.
6. **Final Tightening:** Once eye relief and reticle level are set, tighten the ring screws evenly and gradually in a crisscross pattern. Refer to the ring manufacturer's torque specifications if available. Do not overtighten, as this can damage the scope tube.



Figure 2: Front view of the riflescope, showing the objective lens and mounting rings.



Figure 3: Side view of the riflescope, highlighting the main tube and turret area.





Figure 4: Rear view of the riflescope, showing the eyepiece and magnification ring.

2.2 Focusing the Eyepiece

The eyepiece allows you to adjust the focus of the reticle to your individual eye. This should be done before zeroing the scope.

1. Point the riflescope at a plain, bright background (like a wall or clear sky).
2. Look through the scope and quickly glance at the reticle. If it's blurry, adjust the eyepiece by rotating it until the reticle appears sharp and clear.
3. Once the reticle is sharp, avoid further adjustment unless your vision changes.

3. OPERATING THE RIFLESCOPE

3.1 Magnification Adjustment

The Simmons PRO Hunter features a variable magnification range from 3x to 9x. The magnification is adjusted by rotating the textured power change ring located near the eyepiece. Rotate clockwise to increase magnification and counter-clockwise to decrease it.

3.2 Windage and Elevation Adjustments

The riflescope is equipped with capped finger-adjustable windage and elevation turrets. These turrets are used to zero the riflescope to your firearm and ammunition.

- **Elevation Turret:** Located on top of the riflescope. Adjusts the vertical point of impact. Turning the turret clockwise (CW) typically moves the point of impact down, and counter-clockwise (CCW) moves it up.
- **Windage Turret:** Located on the right side of the riflescope. Adjusts the horizontal point of impact. Turning the turret clockwise (CW) typically moves the point of impact right, and counter-clockwise (CCW) moves it left.

Each click of the turret corresponds to a specific change in the point of impact at 100 yards (or meters). Refer to the markings on your specific scope for click values. After making adjustments, replace the turret caps to protect the mechanisms from dirt and moisture.

3.3 Zeroing the Riflescope

Zeroing is the process of aligning the riflescope's point of aim with the firearm's point of impact at a specific distance. This should be done at a safe shooting range.

1. **Initial Shot:** Fire a shot at a target placed at your desired zeroing distance (e.g., 100 yards).
2. **Observe Impact:** Note where the bullet impacted relative to your aim point.
3. **Adjust Turrets:** Remove the turret caps. Adjust the windage and elevation turrets to move the point of impact towards your aim point. For example, if the bullet hit low and left, adjust elevation UP and windage RIGHT.
4. **Repeat:** Fire another shot and repeat the adjustment process until your shots consistently hit the desired aim point.
5. **Replace Caps:** Once zeroed, replace the turret caps.

4. MAINTENANCE AND CARE

Proper care and maintenance will ensure the longevity and optimal performance of your Simmons PRO Hunter riflescope.

4.1 Cleaning the Lenses

The lenses are the most critical optical components. Handle them with care.

- **Remove Loose Debris:** Use a soft lens brush or compressed air to gently remove any dust or loose particles from the lens surfaces.
- **Clean Smudges:** For fingerprints or smudges, use a clean microfiber lens cloth and a small amount of lens cleaning solution specifically designed for optical coatings. Apply the solution to the cloth, not directly to the lens. Gently wipe the lens in a circular motion from the center outwards.
- **Avoid Harsh Materials:** Never use paper towels, facial tissues, or abrasive cloths, as these can scratch the lens coatings.

4.2 Cleaning the Body

The riflescope body can be cleaned with a soft, damp cloth. For stubborn dirt, a mild soap solution can be used. Ensure all moisture is wiped away thoroughly, especially from moving parts and turret areas.

4.3 Storage

When not in use, store your riflescope in a cool, dry place. Always use the included lens covers to protect the objective and eyepiece lenses from dust and scratches. The IPX7 waterproof rating means it can withstand immersion, but prolonged exposure to extreme humidity or water should be avoided for storage.



Figure 5: The riflescope shown with its protective lens covers.

5. TROUBLESHOOTING

If you encounter issues with your riflescope, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Blurry Image / Reticle	Improper eyepiece focus.	Adjust the eyepiece focus (refer to Section 2.2).
Dark Crescent Shadows (Vignetting)	Incorrect eye relief.	Adjust the scope's position in the rings to achieve proper eye relief (refer to Section 2.1).
Inconsistent Point of Impact / Cannot Zero	Loose mounting rings or scope.	Check and securely tighten all mounting screws (refer to Section 2.1). Ensure rings are properly aligned.
	Damaged or faulty ammunition.	Try different ammunition.

Problem	Possible Cause	Solution
Fogging Inside Lenses	Barrel or firearm issues.	Consult a gunsmith if the issue persists after checking scope mounting.
	Extreme temperature changes or seal compromise.	Allow the scope to acclimate to the temperature. If fogging persists internally, contact customer support as the seal may be compromised.

If you experience issues not covered here or require further assistance, please contact Simmons customer support.

6. SPECIFICATIONS

Feature	Detail
Model Name	PRO HUNTER 3-9X40MM RIFLESCOPE
Part Number	SPH3940
Brand	Simmons
Magnification	3-9x
Objective Lens Diameter	40 Millimeters
Reticle Type	Truplex
Material	Aluminum
Color	Black
Item Weight	16 Ounces (approx. 0.45 kg)
Item Package Dimensions (L x W x H)	13.74 x 3.15 x 3.11 inches
Mounting Type	Weaver Mount
Compatible Devices	Handgun, Rifle, Shotgun
Waterproof Rating	IPX7
Included Components	Riflescope, Lens Covers, 1-inch Aluminum Weaver-style Rings

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

The Simmons PRO Hunter 3-9X40MM Riflescope is covered by a **2-Year Manufacturer's Warranty**. This warranty

covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For specific details regarding warranty coverage, limitations, and how to make a claim, please refer to the official warranty documentation provided with your product or visit the official Simmons website.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Simmons customer support:

- **Website:** www.simmonsoptics.com/support (Example link, replace with actual if known)
- **Phone:** Refer to the official Simmons website for current contact numbers.
- **Email:** Refer to the official Simmons website for current contact email.

When contacting support, please have your product model number (SPH3940) and proof of purchase readily available.

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