

Vector Optics SCOL-TE52

Vector Optics SCOL-TE52 Continental 6-48x56ED SFP MOA Riflescope User Manual

Model: SCOL-TE52

1. PRODUCT OVERVIEW

The Vector Optics Continental series represents a flagship product line, designed to offer exceptional optical performance comparable to renowned optics at a competitive price. This SCOL-TE52 model features high-quality LaREE lenses manufactured by the German company Schott, ensuring excellent optical clarity, high light transmission, and minimal distortion for a sharp image, even in challenging lighting conditions.

Key features include a 6-level illuminated reticle, adjustable to ambient brightness for rapid target acquisition, and precise 1/10 MOA click adjustments. This allows for improved reticle visibility in low-light conditions and fine-tuning for target precision, adapting the riflescope optimally to your shooting needs.

In summary, the Continental riflescope is a powerful and reliable optical instrument designed for precision shooters and hunters. With its high-quality LaREE lenses, illuminated reticle, and precise adjustments, it delivers excellent optical performance and enables accurate target acquisition across various distances.



Image 1.1: The Vector Optics SCOL-TE52 Continental 6-48x56ED SFP MOA Rifle scope, showcasing its overall design and turrets.

2. PACKAGE CONTENTS AND SETUP

2.1 Package Contents

Before proceeding with installation, please verify that all components are present in the package:

- Vector Optics SCOL-TE52 Continental Rifle scope
- Mounting Rings for 21mm Picatinny / Weaver Rails
- Eyepiece and Objective Lens Protection Caps
- Cleaning Cloth
- Instruction Manual

Lieferumfang



Image 2.1: Included accessories: riflescope, mounting rings, lens caps, and cleaning cloth.

2.2 Mounting the Riflescope

To ensure stable and accurate performance, proper mounting is crucial. Use the provided mounting rings for 21mm Picatinny or Weaver rails.

1. Attach the mounting rings securely to your firearm's Picatinny or Weaver rail. Ensure they are spaced appropriately for optimal balance and eye relief.
2. Place the riflescope into the lower halves of the mounting rings.
3. Attach the upper halves of the rings and tighten the screws evenly. Do not overtighten, as this can damage the scope tube. Refer to your mounting ring manufacturer's torque specifications if available.
4. Adjust the riflescope's position forward or backward to achieve the optimal eye relief (approximately 95mm for this model) while maintaining a clear, full field of view.
5. Ensure the reticle is level with the firearm. Use a reticle leveling tool if available.
6. Once eye relief and reticle level are set, fully tighten all mounting screws according to manufacturer specifications.

3. OPERATING INSTRUCTIONS

3.1 Magnification Adjustment

The SCOL-TE52 offers a variable magnification range from 6x to 48x. Rotate the magnification ring, located near the eyepiece, to adjust the desired level of magnification.

Mit 6-48 facher Vergrößerung.



Image 3.1: The magnification ring allows adjustment from 6x to 48x.

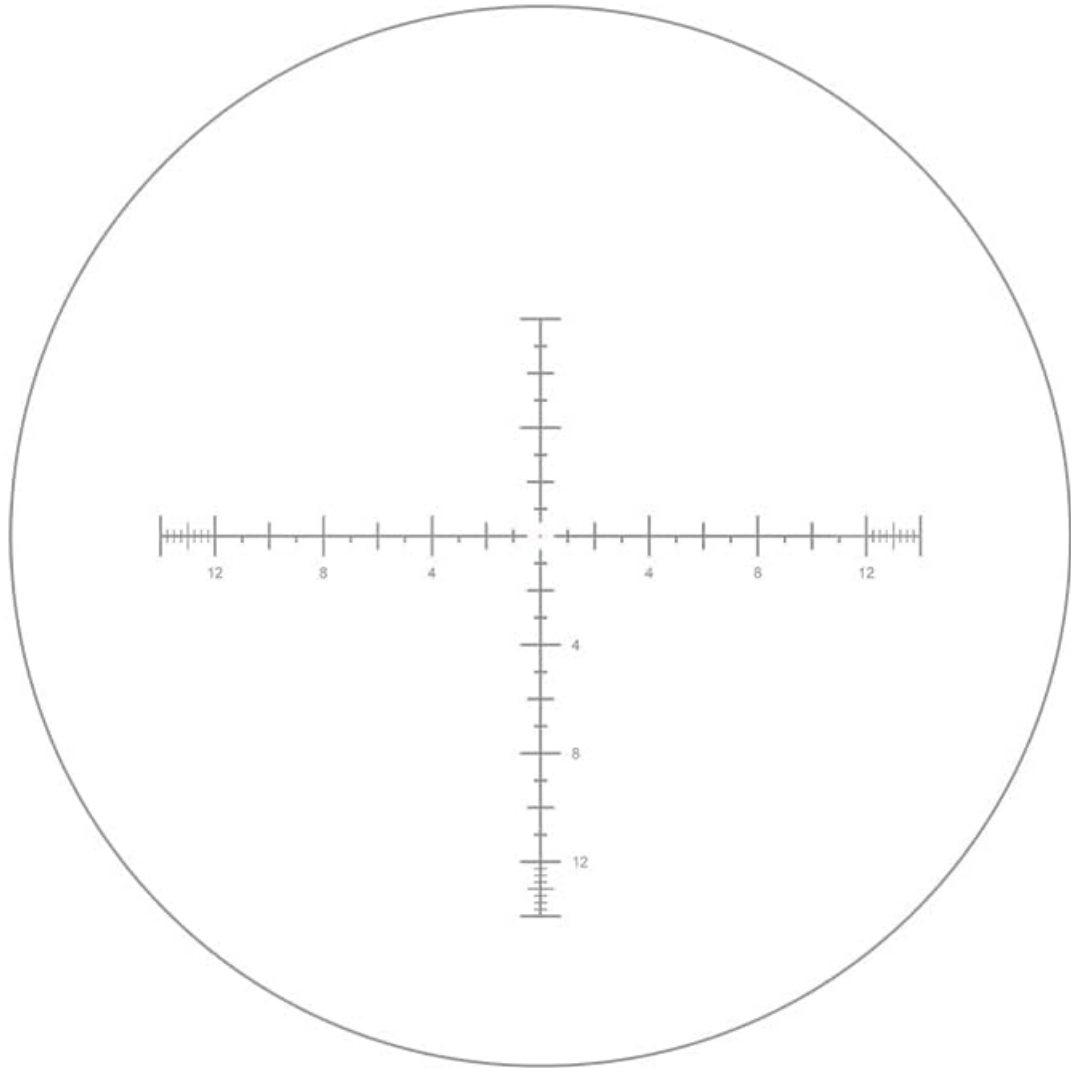
3.2 Diopter Adjustment

The diopter adjustment ring, located on the eyepiece, allows you to fine-tune the reticle's focus to your individual eyesight. Rotate this ring until the reticle appears sharp and clear without straining your eye. The diopter compensation range is +2 to -3 dpr.

3.3 Reticle Illumination

The riflescope features a 2nd focal plane (SFP) reticle with 11 levels of red illumination. The illumination control is typically integrated into the parallax adjustment knob or a separate turret. Rotate the illumination dial to turn the reticle on/off and adjust its brightness to suit ambient light conditions.

Absehen auf der 2. Bildebene



11 Stufen dimmbar - rot

Image 3.2: The reticle is located on the second focal plane and features 11 dimmable red illumination levels.

Bemaßung Absehen

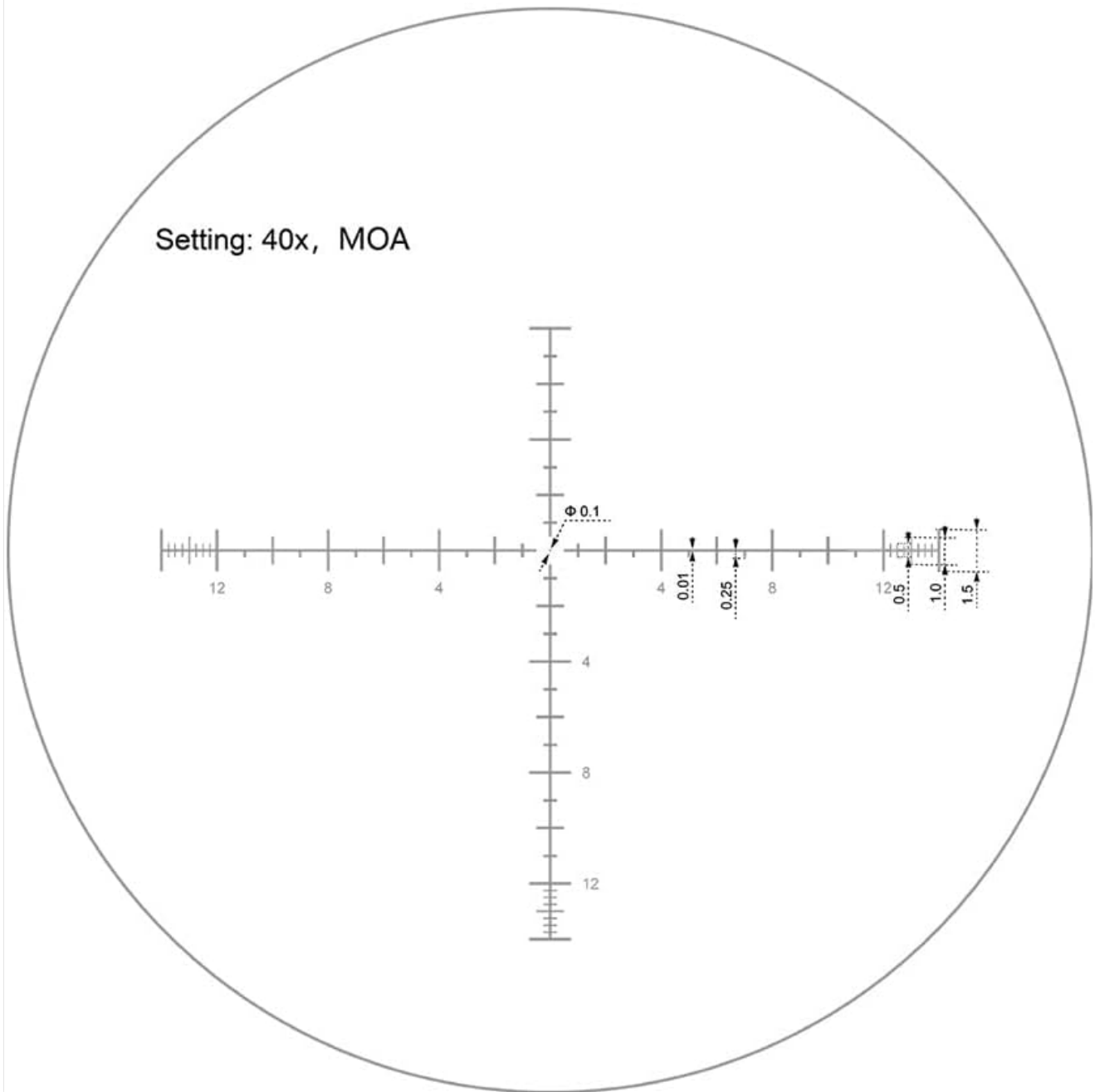


Image 3.3: Detailed view of the reticle markings and dimensions, set at 40x magnification in MOA.

3.4 Windage and Elevation Adjustment

The riflescope is equipped with precision adjustment turrets for windage (horizontal) and elevation (vertical) corrections. Each click provides 1/8 MOA adjustment. The maximum adjustment range is 48 MOA for both windage and elevation.

- **Elevation Turret (Top):** Used for vertical adjustments. Features a Zero Stop mechanism to easily return to your zero setting.
- **Windage Turret (Right):** Used for horizontal adjustments. Features a Turret Lock to prevent accidental changes.

To make adjustments, lift or unlock the turret (depending on the mechanism), rotate it in the desired direction, and

then push down or lock it back into place. Always refer to the markings on the turrets for direction (UP/DOWN, L/R).

Feine Justierung über Verstell-Türme

1 Klick = 1/8 MOA



48 MOA Seiten, & Höhenverstellung

Image 3.4: Fine adjustments are made via the turrets. Each click equals 1/8 MOA, with a total adjustment range of 48 MOA for both windage and elevation.

3.5 Parallax Adjustment

The parallax adjustment knob is typically located on the left side of the riflescope. Rotate this knob to eliminate parallax error, which occurs when the target and reticle appear to shift relative to each other with slight head movements. Adjust the parallax until the target and reticle are in the same focal plane, appearing sharp and stationary when you move your head slightly.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Vector Optics riflescope.

- **Cleaning Lenses:** Use the provided cleaning cloth or a high-quality lens cleaning kit. Gently wipe the lens surfaces to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.
- **Cleaning Body:** Wipe the riflescope body with a soft, damp cloth to remove dirt and debris.
- **Storage:** Store the riflescope in a dry, cool place, away from direct sunlight and extreme temperatures. Use

the protective lens caps when not in use.

- **Avoid Disassembly:** Do not attempt to disassemble the riflescope. This will void the warranty and may cause irreparable damage.

5. TROUBLESHOOTING

If you encounter issues with your riflescope, consider the following common troubleshooting steps:

- **Unclear Image/Reticle:**
 - Adjust the diopter setting on the eyepiece.
 - Adjust the parallax setting for the specific target distance.
 - Ensure lenses are clean and free of smudges.
- **Reticle Illumination Not Working:**
 - Check if the illumination is turned on and set to a visible brightness level.
 - Verify the battery is correctly installed and has sufficient charge. Replace if necessary.
- **Inconsistent Point of Impact:**
 - Ensure the riflescope is securely mounted and all screws are tightened to specification.
 - Check for any loose components on the firearm or scope.
 - Confirm proper zeroing procedure was followed.

If problems persist, please contact Vector Optics customer support for assistance.

6. SPECIFICATIONS

Detailed technical specifications for the Vector Optics SCOL-TE52 Continental 6-48x56ED SFP MOA Riflescope:

Feature	Specification
Model Name	Continental 6-48x56ED SFP MOA
Magnification	6-48x
Objective Lens Diameter	56 mm
Exit Pupil	14-1.75 mm
Field of View (at 100m)	6.8-0.85 m
Optimal Eye Relief	95 mm
Overall Length	403 mm
Weight (without mount)	807 g
Tube Diameter	30 mm
Adjustment Click Value	1/8 MOA
Max. Elevation Adjustment	48 MOA

Feature	Specification
Max. Windage Adjustment	48 MOA
Parallax Adjustment	Yes
Reticle Type	VCO-6 MOA (2nd Focal Plane)
Illumination	Red, 11 levels adjustable
Turret Features	Zero Stop (Elevation), Turret Lock (Windage)
Diopter Compensation	+2 to -3 dpr
Approved Calibers	.223, .308, .300WIN, 30-06, .338 Lapua
Material	Aluminum, Plastic, Glass

403mm Gesamtlänge



**807g leicht
30mm Tubus**



Geeignet für: .22LR, .223, 5.56mm, .308win

Image 6.1: Overview of the riflescope's physical characteristics, including length, weight, and tube diameter, along with compatible calibers.

ABMESSUNGEN

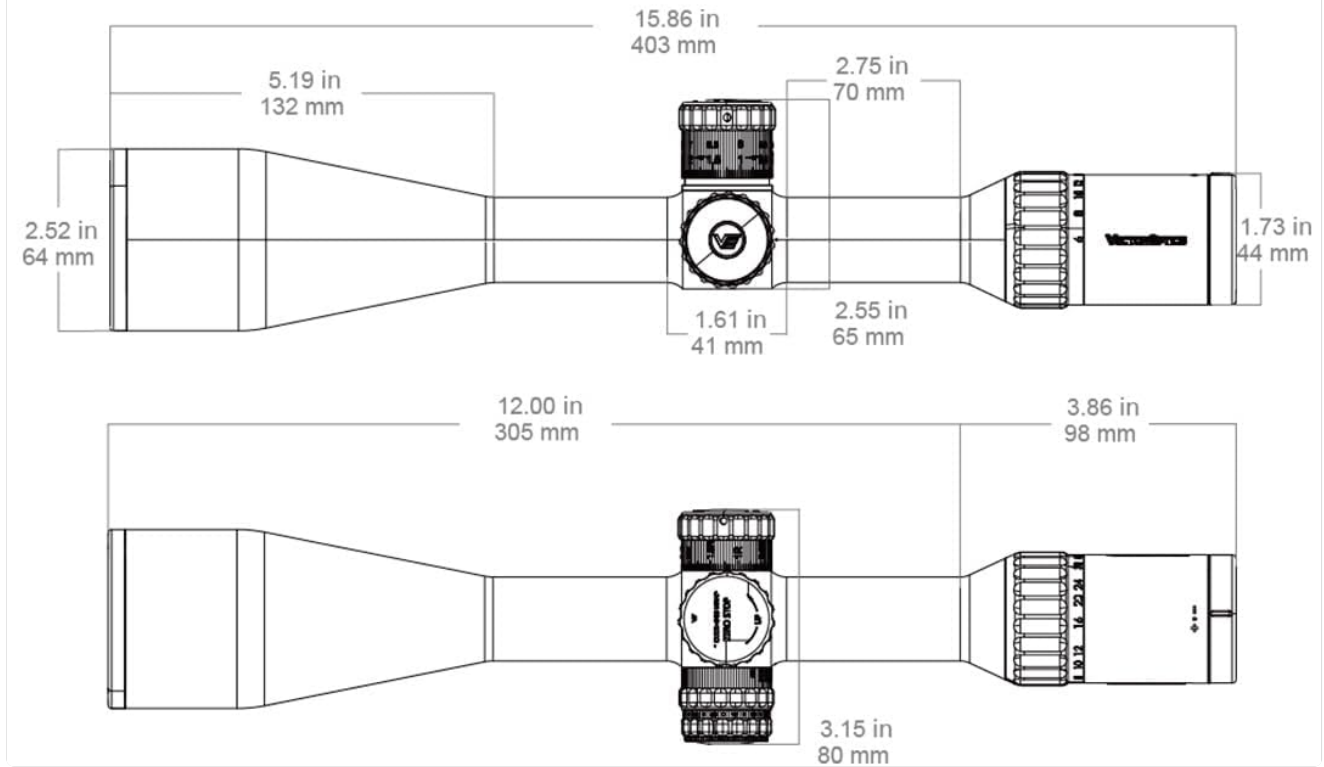


Image 6.2: Technical drawing illustrating the precise dimensions of the riflescope in both millimeters and inches.

7. WARRANTY AND SUPPORT

Vector Optics stands behind the quality of its Continental series products. We offer a **lifetime warranty** on all Continental models, reflecting our confidence in their durability and performance.

For any questions, technical assistance, or warranty claims, please contact Vector Optics customer support. For customers in Germany, dedicated German support and customer service are available.

Please retain your proof of purchase for warranty purposes.