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Vector Optics SCOM-15 Continental 2-12x50

Vector Optics Continental 2-12x50 SCOM-15 Riflescope Instruction Manual

Model: SCOM-15 Continental 2-12x50

Introduction

Thank you for choosing the Vector Optics Continental 2-12x50 SCOM-15 Riflescope. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new riflescope. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.
The Continental 2-12x50 riflescope is designed for precision and durability, featuring Schott-Germany glass, a VET-10BDC reticle with continuous red dot illumination, and robust construction suitable for various shooting activities, including hunting and airsoft. It is shockproof, waterproof, and fogproof, and recoil resistant up to .338 Lapua Magnum caliber.

Included Components

Your Vector Optics Continental 2-12x50 SCOM-15 Riflescope package includes the following items:

- Continental 2-12x50 SCOM-15 Riflescope
- Picatinny Mount
- Objective Lens Cover
- Ocular Lens Cover
- Cleaning Cloth
- Sunshade
- VARTA CR2032 Battery
- Honeycomb Filter (Anti-reflection device)

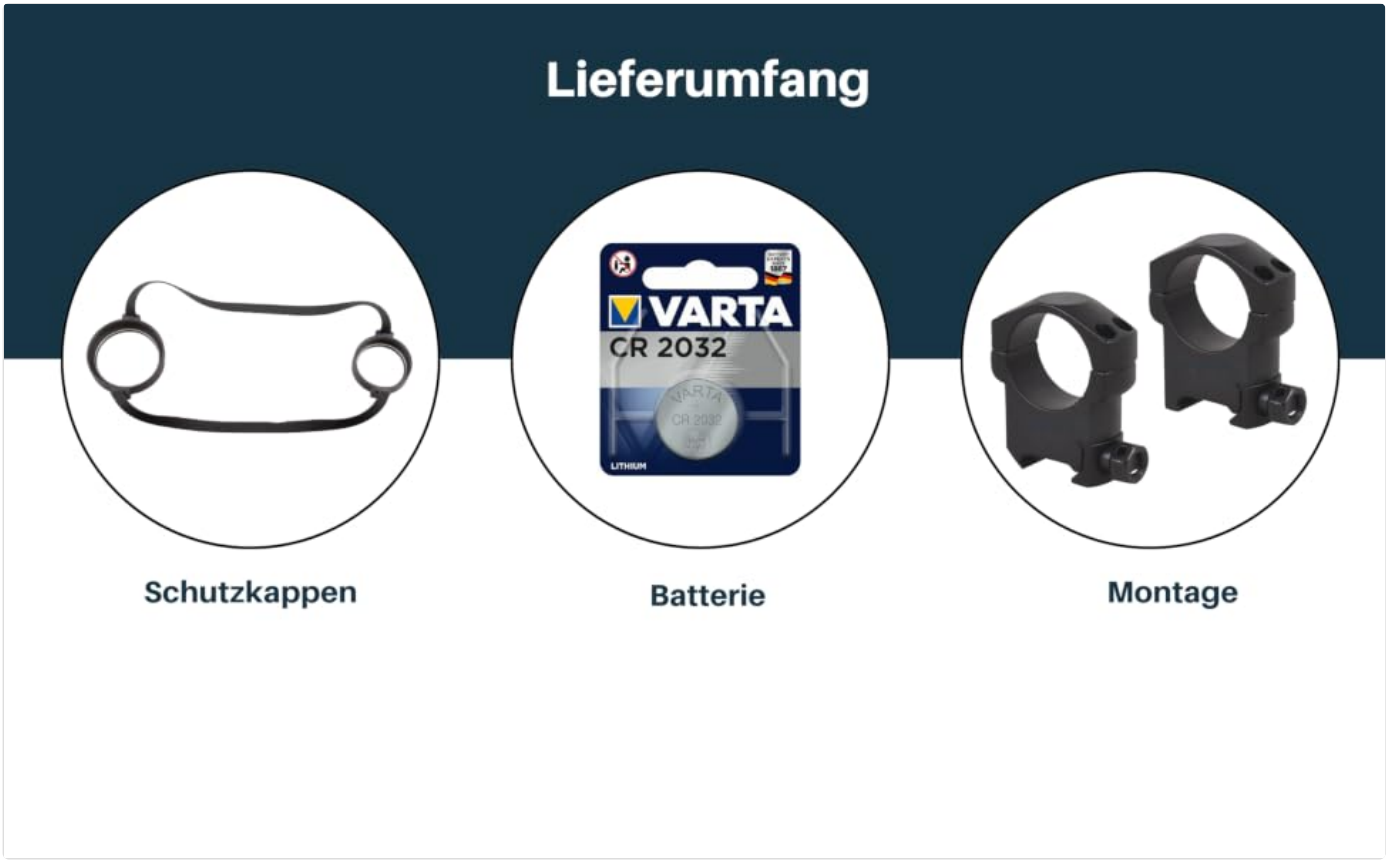


Image showing the included components: protective lens caps, a VARTA CR2032 battery, and the Picatinny mount.

Setup

1. Mounting the Riflescope

The riflescope comes with a Picatinny mount. Ensure your firearm has a compatible Picatinny rail. Follow these steps for secure mounting:

1. Loosen the screws on the Picatinny mount rings.
2. Place the riflescope into the lower half of the mount rings, ensuring the reticle is level.
3. Attach the upper half of the mount rings and hand-tighten the screws.
4. Position the mounted scope on your firearm's Picatinny rail. Adjust for proper eye relief (typically >100mm) by sliding the scope forward or backward.
5. Once the eye relief is set, tighten the mount screws evenly and securely. Do not overtighten.



A shooter using a rifle with the Vector Optics Continental riflescope mounted, demonstrating typical usage.

2. Installing the Battery

The riflescope requires one VARTA CR2032 battery for reticle illumination.

1. Locate the illumination control knob, usually on the left side of the main tube.
2. Unscrew the battery cap.
3. Insert the CR2032 battery with the positive (+) side facing outwards.
4. Replace the battery cap and tighten it securely to ensure water resistance.

3. Attaching Lens Covers and Sunshade

Attach the provided objective and ocular lens covers to protect the lenses when not in use. The sunshade can be screwed onto the objective lens housing to reduce glare in bright conditions.



Image showing the protective lens covers and the sunshade accessory.

Operating the Riflescope

1. Magnification Adjustment

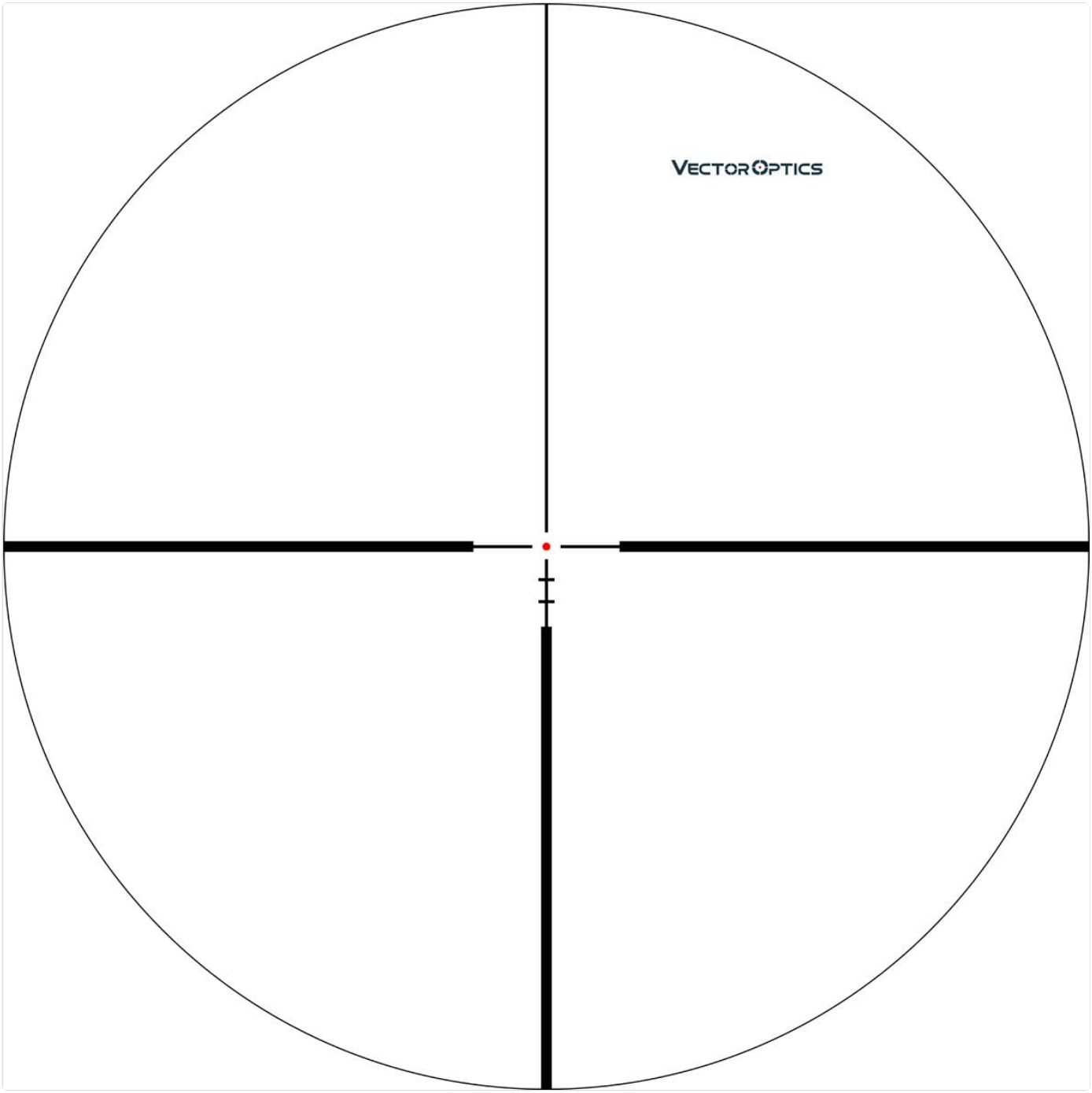
The riflescope offers a variable magnification range from 2x to 12x. Rotate the magnification ring, located near the ocular lens, to adjust the desired magnification level.

2. Diopter Adjustment

The diopter adjustment ring, located on the ocular lens, allows you to fine-tune the reticle focus to your individual eyesight. Look through the scope at a plain background (e.g., a clear sky) and rotate the diopter ring until the reticle appears sharp and clear. The adjustment range is typically +1.5 to -2.0 dpr.

3. Reticle Illumination

The VET-10BDC reticle features a continuously adjustable red dot illumination. Rotate the illumination control knob (where the battery is installed) to turn the illumination on/off and adjust its brightness. Start with the lowest setting and increase as needed for ambient light conditions.



A clear view of the VET-10BDC reticle with its central red dot illumination.

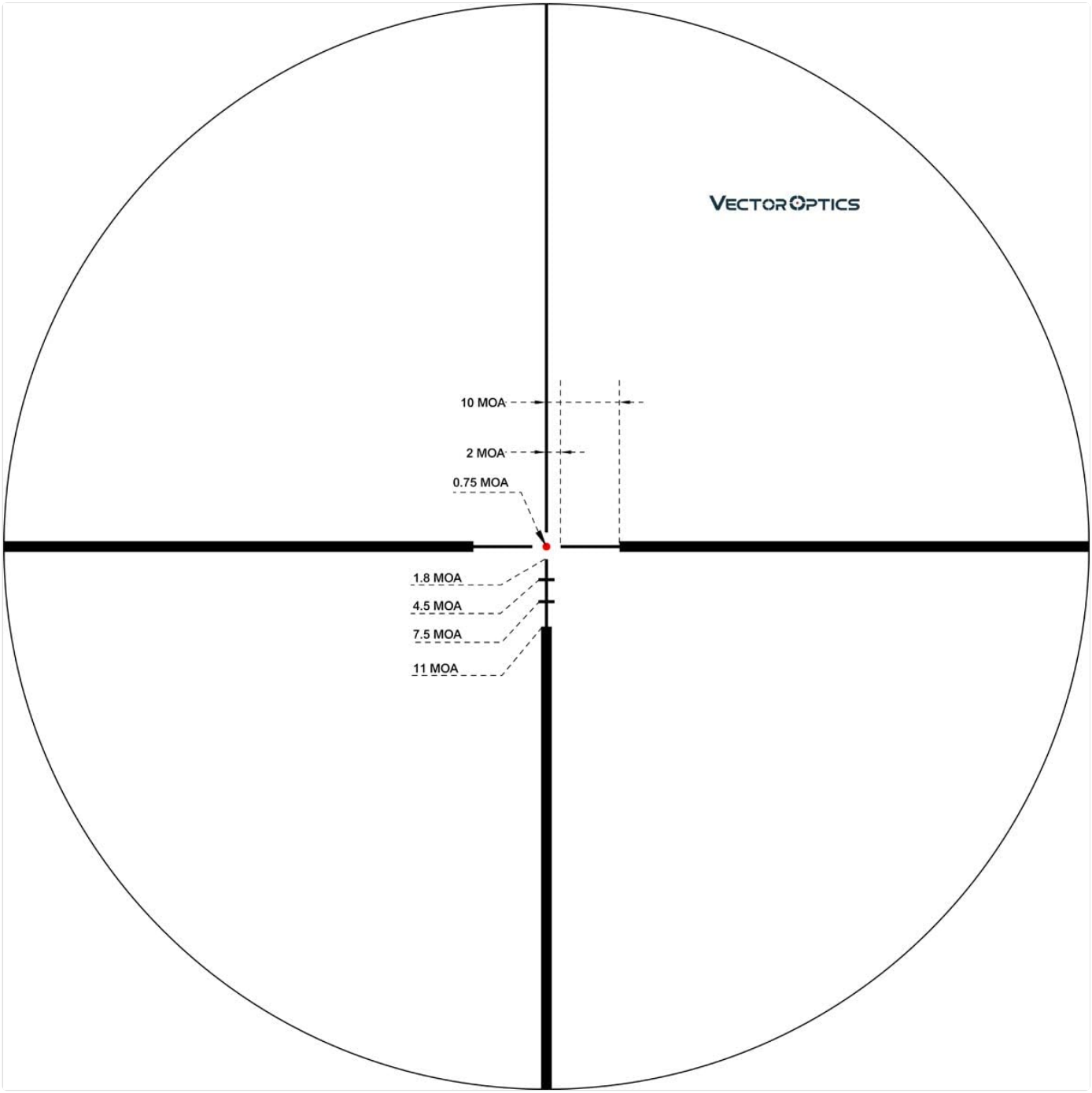
4. Windage and Elevation Adjustment

The riflescope features lockable fast adjustment turrets for windage and elevation. Each click adjusts the point of impact by 1/4 MOA at 100 yards.

1. **Unlocking Turrets:** Pull the turret cap upwards to unlock it for adjustment.
2. **Adjusting:** Rotate the elevation turret (top) for vertical adjustments and the windage turret (right) for horizontal adjustments. Refer to the markings for direction (UP/DOWN, L/R).
3. **Locking Turrets:** Push the turret cap downwards to lock it in place after adjustment. This prevents accidental changes.



Detailed view of the windage and elevation adjustment turrets, showing click values and locking mechanism.



The VET-10BDC reticle with clear MOA markings for precise aiming and compensation.

MAINTENANCE

1. Cleaning the 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 that could damage the lens coatings.

2. General Care

- Keep the lens covers on when the riflescope is not in use.
- Store the riflescope in a dry, cool place, away from direct sunlight and extreme temperatures.
- Periodically check and tighten all mounting screws to ensure the scope remains securely attached.
- The riflescope is nitrogen purged, making it fogproof, and is also waterproof and shockproof (up to 1000g). While durable, avoid unnecessary impacts.

Troubleshooting

- **Blurry Image/Reticle:** Ensure the diopter adjustment is correctly set for your eye. Check that the objective and ocular lenses are clean.
- **Reticle Not Illuminating:** Check if the CR2032 battery is correctly installed with the positive (+) side facing out. Replace the battery if it is depleted. Ensure the illumination knob is turned to an 'ON' position.
- **Inconsistent Point of Impact:** Verify that the scope mount is secure and all screws are tightened. Check for any loose components on the firearm itself. Ensure proper shooting technique.
- **Fogging Inside Lenses:** If internal fogging occurs, contact customer support. The scope is nitrogen purged to prevent this.

Specifications



Diagram illustrating the main dimensions and adjustment ranges of the riflescope.

Feature	Specification
Model Name	Continental
Model Number	SCOM-15
Magnification	2-12x
Objective Lens Diameter	50mm
Ocular Lens Diameter	42mm
Main Tube Diameter	30mm Monotube
Reticle Type	VET-10BDC (Second Focal Plane)

Feature	Specification
Reticle Illumination	Continuously Adjustable Red Dot
Exit Pupil	9.5 - 4.2mm (depending on magnification)
Optimal Eye Relief	>100mm
Field of View (at 100m)	21 - 3.5m
Elevation Adjustment Range	140 MOA
Windage Adjustment Range	140 MOA
Adjustment Click Value	1/4 MOA
Diopter Compensation	-3dpr to +2dpr
Length	335mm
Weight (Riflescope)	605g (approx. 1.33 lbs)
Weight (Mount)	approx. 130g
Material	Glass (Lenses)
Shockproof	Yes (1000g, Recoil resistant up to .338 Lapua Magnum)
Waterproof/Fogproof	Yes (Nitrogen purged)
Compatible Devices	Rifle, Shotgun
Mount Type	Picatinny Mount
Battery Type	CR2032

Warranty and Support

Vector Optics products are manufactured to high standards. For specific warranty information and customer support, please refer to the warranty card included with your product or visit the official Vector Optics website. Keep your purchase receipt as proof of purchase for any warranty claims.

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