

Vortex SPR-1303

Vortex Spitfire 3x Prism Scope Instruction Manual

Model: SPR-1303

1. PRODUCT OVERVIEW

The Vortex Spitfire 3x Prism Scope is engineered for rapid target acquisition in close- to medium-range shooting scenarios. Its sophisticated prism-based design facilitates a compact optical system without compromising optical quality. The EBR-556B reticle is etched directly onto the prism, ensuring consistent point-of-aim. It features selectable red/green illumination with five intensity levels to adapt to various lighting conditions.

Key features include fully multi-coated lenses for bright views, a fast focus eyepiece, and a robust construction that is shockproof, fogproof, and waterproof.



Image 1.1: The Vortex Spitfire 3x Prism Scope, showcasing its compact design and objective lens.



Image 1.2: Rear-left view of the Spitfire 3x Prism Scope, highlighting the ocular lens and control knobs.

2. SETUP

Proper setup ensures optimal performance and user comfort. Follow these steps for mounting and initial adjustments.

2.1 Component Identification



Image 2.1: Diagram identifying key components: Ocular Lens, Reticle Focus, Flip Cap Lens Cover, Battery Compartment, Elevation Adjustment, Windage Adjustment, Objective Lens, and Picatinny Rail.

2.2 Mounting the Scope

The Spitfire 3x Prism Scope features a multi-height mount system, allowing for 30mm and 40mm mounting heights to suit various platforms and user preferences. Securely attach the scope to a Picatinny rail using the integrated mounting system. Ensure all mounting screws are tightened to the manufacturer's recommended torque specifications to prevent movement under recoil.

2.3 Battery Installation

The reticle illumination is powered by a single battery, located in the battery compartment (refer to Image 2.1). Unscrew the battery cap, insert the battery with the correct polarity, and securely replace the cap. The battery life is approximately 250 hours on the highest setting and up to 3,000 hours on the lowest setting.

3. OPERATING INSTRUCTIONS

3.1 Reticle Illumination

The Spitfire 3x Prism Scope features an EBR-556B reticle with selectable red/green illumination and five intensity levels. Use the illumination control knob (typically located on the top or side of the scope) to turn the illumination on/off and adjust brightness. Select the appropriate color and intensity based on ambient light conditions for optimal visibility.

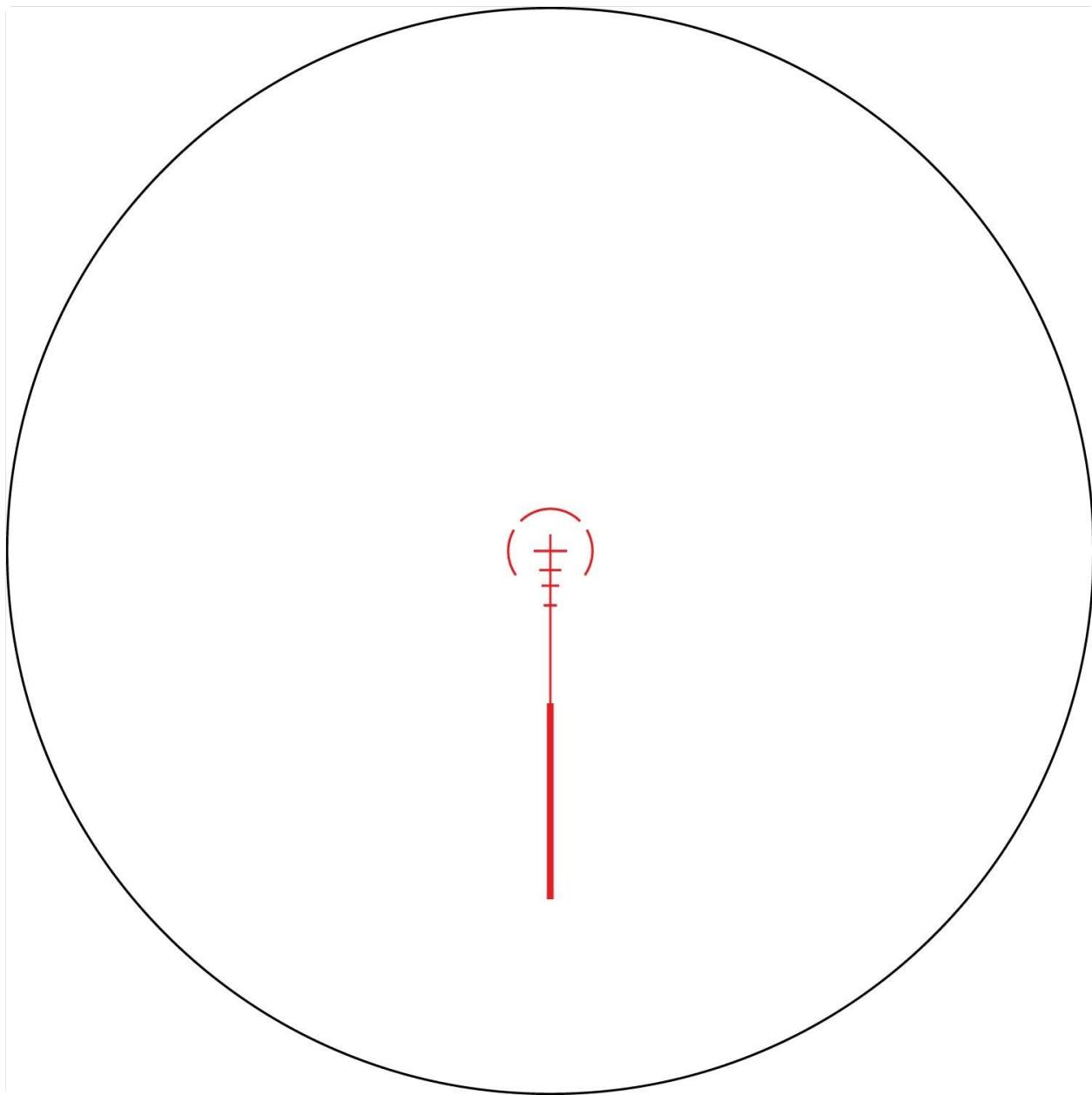


Image 3.1: The EBR-556B reticle pattern, etched directly onto the prism for consistent point-of-aim.

3.2 Reticle Focus

To achieve a sharp reticle image, adjust the fast focus eyepiece. Look through the scope at a plain, light-colored background (like a wall or clear sky) and quickly turn the reticle focus ring until the reticle appears crisp and clear. Avoid staring at the reticle for too long during this process, as your eye may compensate for blurriness.

3.3 Windage and Elevation Adjustments

The scope features external adjustment turrets for windage and elevation (refer to Image 2.1). These turrets allow you to zero the scope to your firearm. Each click of the adjustment turret moves the point of impact by a specific amount at a given distance. Consult your firearm's manual or ballistic data for precise zeroing procedures.

4. MAINTENANCE

Regular maintenance ensures the longevity and performance of your Spitfire 3x Prism Scope.

4.1 Cleaning

- **Lenses:** Use a soft brush or compressed air to remove loose dust and debris. For smudges or fingerprints, use a clean microfiber cloth and a lens cleaning solution. Avoid using harsh chemicals or abrasive materials.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth.

4.2 Storage

Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure lens caps are in place to protect the lenses from dust and scratches. For long-term storage, consider removing the battery to prevent potential leakage.

4.3 Waterproof and Fogproof Performance

The Spitfire 3x Prism Scope is nitrogen purged and O-ring sealed, providing waterproof and fogproof performance. These features prevent internal fogging and protect against moisture ingress, ensuring clear views in various environmental conditions.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Spitfire 3x Prism Scope.

- **Blurry Reticle:** Adjust the fast focus eyepiece (Section 3.2). If the reticle remains blurry, ensure your eye relief is consistent.
- **No Reticle Illumination:** Check the battery. Ensure it is correctly installed and has sufficient charge. Replace if necessary.
- **Inconsistent Point of Impact:** Verify that the scope is securely mounted to the firearm. Check mounting screws for proper torque. Ensure the firearm itself is functioning correctly.
- **Fogging:** While the scope is fogproof, external fogging can occur in extreme temperature changes. Wipe external lenses with a clean cloth. If internal fogging occurs, contact customer support.

6. SPECIFICATIONS

Brand	Vortex
Model Name	Spitfire 3X Prism Scope
Part Number	SPR-1303
Color	Black
Style	Prism Scope
Magnification Minimum	3x
Magnification Maximum	1 (Note: This likely refers to the objective lens diameter or a misinterpretation, as the product is 3x magnification)
Objective Lens Diameter	1 (Note: This likely refers to the objective lens diameter or a misinterpretation, as the product is 3x magnification)

Reticle Type	EBR-556B
Material	Aluminum
Item Weight	0.46 Kilograms
Mounting Type	Multi-Height
Compatible Devices	Not compatible with VMX-3T Magnifier
UPC	875874005372

7. WARRANTY INFORMATION

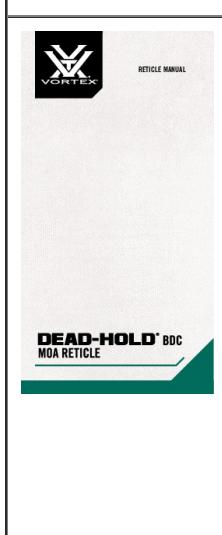
The Vortex Spitfire 3x Prism Scope is backed by an unconditional, unlimited lifetime warranty. For detailed information regarding warranty claims or service, please refer to the official Vortex website or contact their customer support.

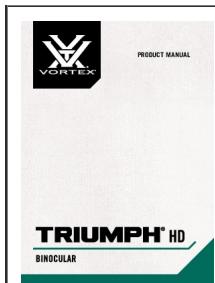
8. CUSTOMER SUPPORT

For further assistance, technical questions, or to explore other Vortex products, please visit the official Vortex store or contact their customer service department.

[Visit the Vortex Store on Amazon](#)

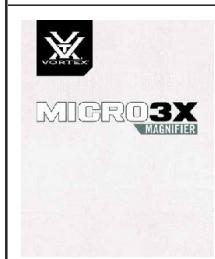
Related Documents

	<p>Vortex Razor HD Gen III 6-36x56 Riflescope Manual User manual for the Vortex Razor HD Gen III 6-36x56 riflescope, covering configuration, adjustments, mounting, and troubleshooting.</p>
	<p>Vortex Dead-Hold BDC MOA Reticle Manual A comprehensive guide to using the Vortex Dead-Hold BDC MOA reticle for accurate bullet-drop compensation and windage corrections in long-range shooting.</p>



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Comprehensive product manual for the Vortex Triumph HD 10x42 binoculars, covering specifications, basic operation, accessories like the GlassPak harness, maintenance, and VIP warranty information.



[Vortex Micro3X Magnifier: User Manual and Mounting Guide](#)

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Spitfire 3x Prism Scope **SPR-1303 SPITFIRETM SPR-1303 3X PRISM SCOPE 1**
ITEM NO. 1 PART NUMBER C-00696-0 PARTS DESCRIPTION QTY. Spitfire 3x
battery cover 1 NOTES 2 C-00700-0 Spitfire 3x turret cap 2 3 C-00704-0 Spitfire 3x
picatinny rail 2 4 C-00702-0 Spitfire 3x picatinny screw 4...

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