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Monstrum Spectre 1-6x24 LPVO

Monstrum Spectre 1-6x24 LPVO Rifle Scope

Instruction Manual

Model: Spectre 1-6x24 LPVO | Brand: Monstrum

1. Overview

The Monstrum Spectre 1-6x24 LPVO Rifle Scope is a versatile low power variable optic designed for rapid target acquisition at close range and precise aiming at extended distances. Featuring a second focal plane (SFP) MX1 reticle with MOA hashmarks, this scope offers clear visibility across all magnification levels. Its robust construction and advanced optical features ensure reliable performance in various conditions.



Image: Monstrum Spectre 1-6x24 LPVO Rifle Scope mounted on a rifle, showcasing its compact design.

2. What's in the Box

Your Monstrum Spectre 1-6x24 LPVO Rifle Scope package includes the following items:

- Monstrum Spectre 1-6x24 LPVO Rifle Scope
- 30 mm Offset Cantilever Scope Mount
- One pair of spring-loaded flip-up lens covers

- Manuals and Cleaning Cloth
- Honeycomb Shade
- Torx Wrench and Allen Wrench

Video: An unboxing demonstration of the Monstrum Spectre 1-6x24 LPVO Rifle Scope, showing all included components.

3. Key Features

- **Low Power Variable Optic (LPVO):** Offers 1-6x magnification for versatile use, from close-quarters to medium-range engagements. An integrated throw lever allows for smooth and rapid magnification adjustments.



Image: Close-up of the Monstrum Spectre LPVO's integrated throw lever on the magnification ring.

- **MX1 Second Focal Plane (SFP) Reticle:** Features a new MX1 box reticle with MOA hashmarks. SFP reticles maintain their size across all magnification levels, ensuring high visibility.

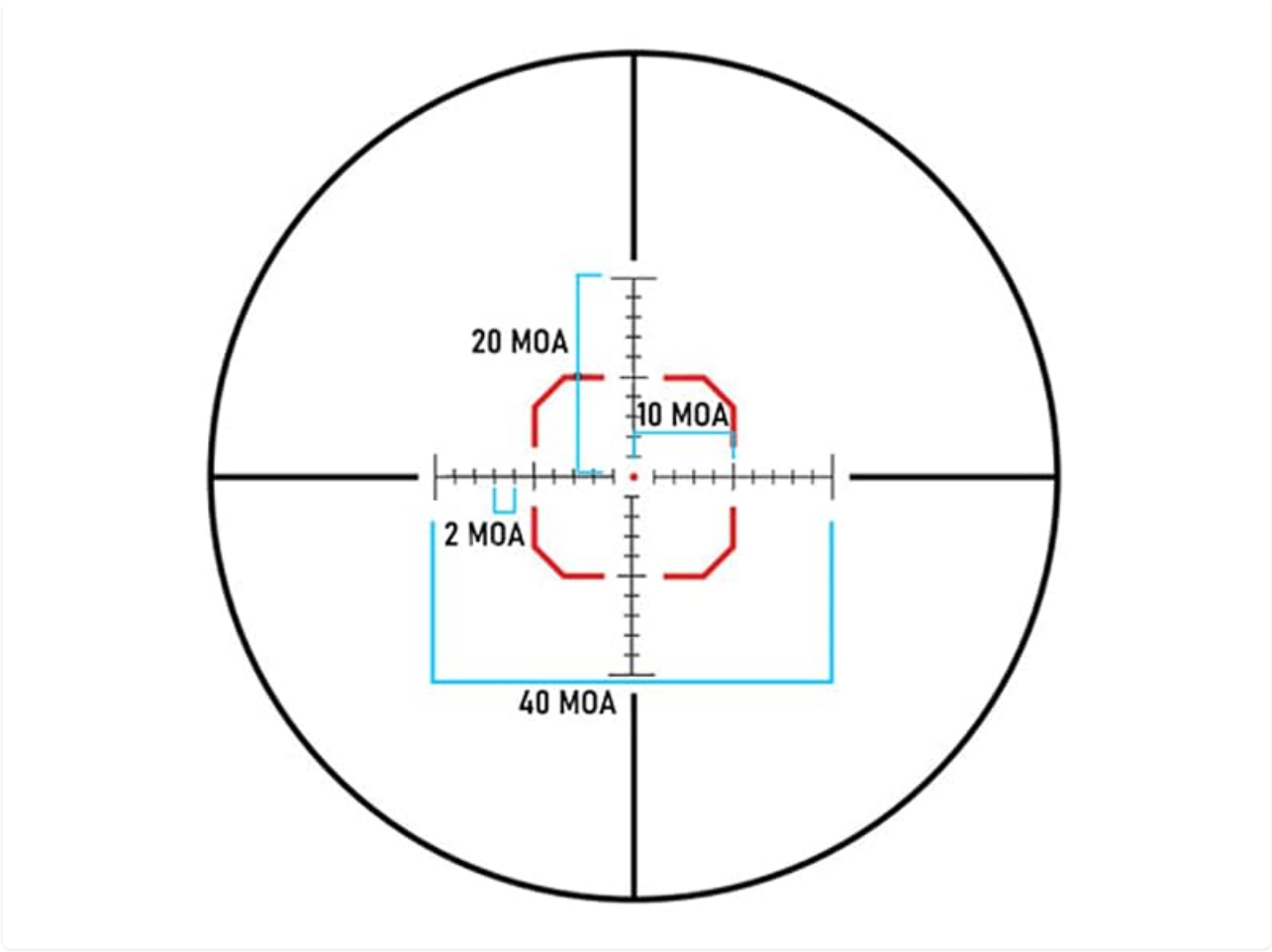


Image: Diagram illustrating the Monstrum Spectre 1-6x24 SFP LPVO MX1 reticle.

- **Superior Optical Clarity:** Equipped with an improved optics assembly and multiple anti-reflective lens coatings, providing higher light transmission and superior optical clarity.

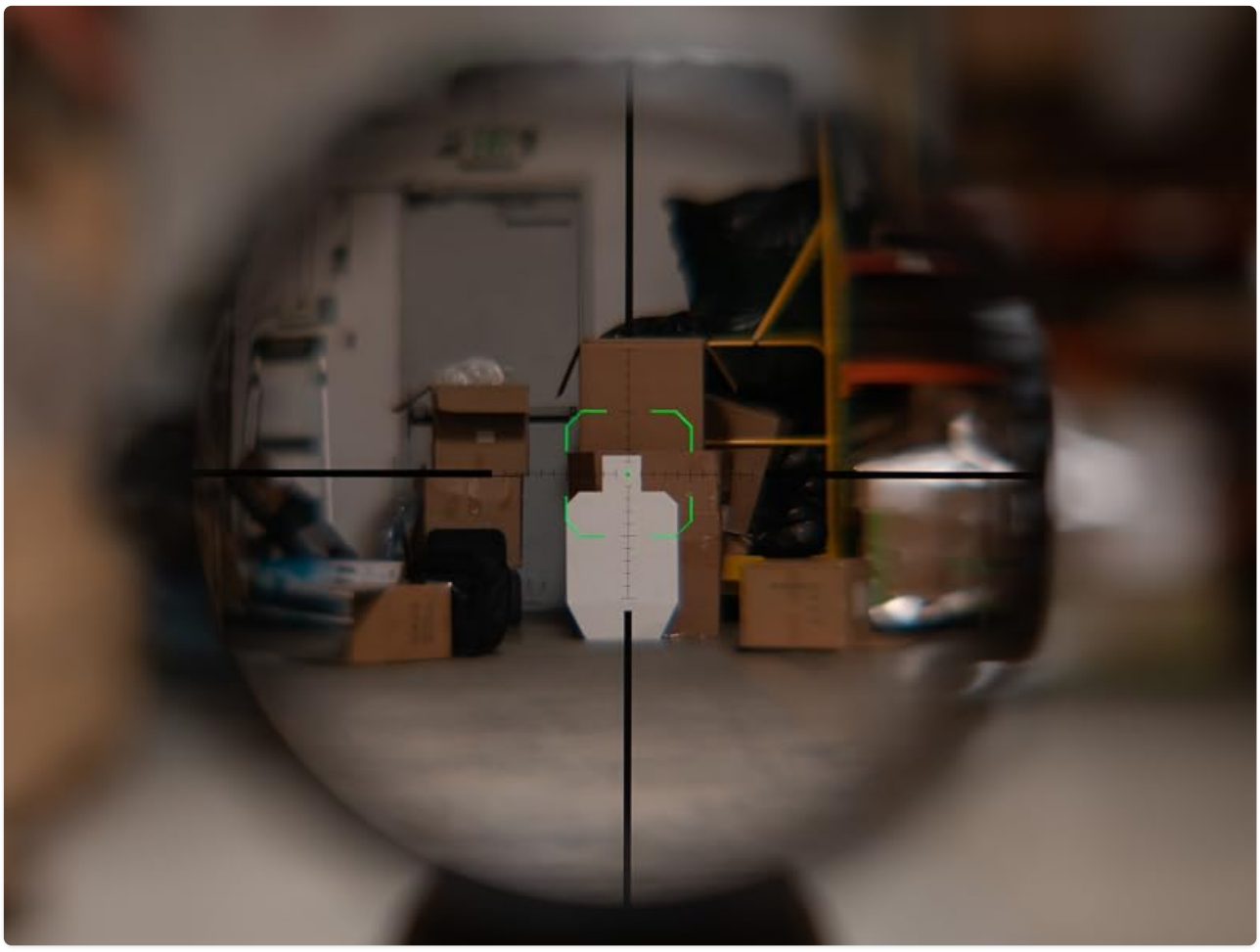


Image: Close-up view of the multi-layer lens coating on the Monstrum Spectre, highlighting its anti-reflective properties.

- **Red and Green Illumination:** Features 5 levels of red and green reticle illumination for enhanced visibility in varying light conditions.

Image: The illumination turret of the Monstrum Spectre LPVO, showing the control for red and green reticle brightness.

- **Locking Windage & Elevation Turrets:** Precision 1/2 MOA click adjustments for windage and elevation with a zero reset feature. The turrets are designed to lock securely, preventing accidental adjustments.



Image: Close-up of the locking windage and elevation turrets on the Monstrum Spectre 1-6x24 LPVO.

- **Durable Construction:** Crafted from aircraft-grade 6061 hard-anodized aluminum, the scope features a sealed, nitrogen-charged tube for resistance to fog and water.

4. Setup & Mounting

Proper mounting is crucial for optimal performance. The included 30mm offset cantilever scope mount is designed for easy installation on your rifle's Picatinny rail.

1. **Prepare Your Weapon:** Ensure your firearm is unloaded and safe. Clean all contact surfaces, screws, rings, and bases.
2. **Add the Scope Mount:** Place the mount on the upper receiver, ensuring proper eye relief. Secure the mount to the rail using the provided screws.
3. **Position the Scope:** Place the scope into the rings. Rotate the scope until the reticle is vertically and horizontally aligned. Ensure the objective bell does not touch the barrel of the weapon.
4. **Tighten the Rings:** Tighten the ring screws in an 'X' pattern to prevent uneven pressure, alternating between screws until secure. Apply a small drop of thread-lock compound if desired.

5. Operating Instructions

Adjusting Magnification

The integrated throw lever on the magnification ring allows for quick and smooth transitions between 1x and 6x magnification. Rotate the ring clockwise to increase magnification and counter-clockwise to decrease it.

Using Reticle Illumination

The illumination turret provides 5 levels of red and green brightness. Rotate the turret to select your desired color and brightness level. Turn to '0' to switch off illumination.

Windage and Elevation Adjustments

The windage (horizontal) and elevation (vertical) turrets feature 1/2 MOA clicks. To adjust, pull the turret out, make the desired adjustments, and then push it back in to lock. The turrets can be reset to zero after sighting in by unscrewing the top cap, rotating the turret to '0', and re-tightening the cap.

Diopter Adjustment

The diopter ring, located at the eyepiece, allows you to focus the reticle to your individual eye. Rotate the diopter ring until the reticle appears sharp and clear.

6. Reticle Details: MX1 SFP

The Monstrum Spectre 1-6x24 LPVO features an MX1 Second Focal Plane (SFP) reticle with MOA hashmarks. In an SFP reticle, the reticle size remains constant regardless of the magnification setting. This ensures that the reticle is always visible and usable, even at 1x magnification, making it ideal for fast target acquisition. The MOA hashmarks provide reference points for bullet drop compensation and windage adjustments.



Image: MX1 Reticle at 1x Magnification (Field of View at 100 yards: 118.4 ft)



Image: MX1 Reticle at 6x Magnification (Field of View at 100 yards: 20.0 ft)

7. Specifications

Feature	Specification
Magnification	1-6x
Objective Lens Diameter	24 mm
Reticle Type	MX1 with MOA hashmarks (Second Focal Plane)
Windage/Elevation Adjustment	1/2 MOA per click, with zero reset
Illumination	5 levels of Red and Green
Material	Aircraft-grade 6061 Aluminum
Finish	Hard-anodized (Type 3)
Tube Diameter	30 mm
Eye Relief	4.0 - 4.5 inches
Environmental Resistance	Sealed, nitrogen-charged (fog and water resistant)

8. Maintenance

To ensure the longevity and optimal performance of your Monstrum Spectre LPVO, regular maintenance is

recommended:

- **Lens Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe lens surfaces. For stubborn smudges, use a lens cleaning solution designed for optics.
- **Body Cleaning:** Wipe the scope body with a damp cloth to remove dirt and debris. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure lens covers are in place to protect the lenses.

9. Troubleshooting

If you encounter any issues with your Monstrum Spectre LPVO, consider the following basic troubleshooting steps:

- **Unclear Reticle:** Adjust the diopter ring until the reticle is sharp. Ensure the lenses are clean.
- **Reticle Not Illuminating:** Check the battery in the illumination turret. Replace if necessary. Ensure the illumination dial is turned to an active setting (1-5).
- **Loss of Zero:** Verify that the scope mount and rings are securely tightened. Ensure all turret caps are pushed in to lock adjustments.

For further assistance, please contact Monstrum customer support.

10. Warranty & Support

Monstrum stands behind the quality of its products. The Monstrum Spectre 1-6x24 LPVO Rifle Scope is covered by a **Lifetime Guarantee**.



Image: Monstrum Lifetime Guarantee logo, emphasizing product reliability and customer commitment.

If your product fails in any way, contact Monstrum Tactical with your order number. They will either fix it or send a replacement of equal or greater value.

For accessories or product inquiries, visit the official Monstrum Tactical website or contact customer support at support@monstrumtactical.com.

You can also visit the Monstrum Store on Amazon for more products and information.

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