Monstrum FFE110B-CM8

Monstrum Beast ED 1-10x FFP LPVO Scope CM8 Reticle User Manual

Model: FFE110B-CM8

Introduction

This manual provides instructions for the proper setup, operation, and maintenance of your Monstrum Beast ED 1-10x First Focal Plane (FFP) Low Power Variable Optic (LPVO) Scope with CM8 Reticle. Please read this manual thoroughly before using your scope to ensure optimal performance and longevity.



Image: The Monstrum Beast ED 1-10x FFP LPVO Scope, showing its overall design and controls.

What's Included

Verify that all components are present in the package:



Image: A visual representation of the Monstrum Beast LPVO scope and its included accessories, such as the modular scope mount, hardware, turret tool, Picatinny diving board attachment, silicone bikini lens cover, manual, and cleaning cloth.

- Monstrum Beast LPVO Scope
- Modular Scope Mount
- Hardware (screws, Allen wrenches)
- Turret Tool
- Picatinny Diving Board Attachment
- Silicone Bikini Lens Cover
- User Manual
- Cleaning Cloth

Setup

Mounting the Scope

The Monstrum Beast LPVO Scope comes with a modular scope mount designed for Picatinny rails. Ensure the mount is securely attached to your firearm's rail using the provided hardware and tools. Position the scope to achieve optimal eye relief and a clear sight picture.



Image: The Monstrum Beast LPVO scope shown mounted on a rifle, illustrating its placement and the cantilever scope mount.

Adjusting Magnification

The scope features a 1-10x variable magnification ring located at the eyepiece. Rotate this ring to adjust the magnification level. The first focal plane (FFP) reticle will scale with the magnification, ensuring ranging information remains consistent.



Image: A close-up view of the magnification ring on the Monstrum Beast 1-10x LPVO scope, showing the numerical markings.

Windage and Elevation Adjustments

The scope is equipped with uncapped windage and elevation turrets. These turrets feature a push-pull locking mechanism. To make adjustments, pull the turret out, rotate to the desired setting (1/2 MOA/click or 0.2 MIL/click depending on model), and then push it back in to lock. This prevents accidental adjustments.

Image: A hand demonstrating the push-pull locking mechanism of the windage and elevation turrets on the Monstrum Beast LPVO scope.

Operating the Scope

First Focal Plane (FFP) Reticle

The Monstrum Beast ED 1-10x features a First Focal Plane (FFP) reticle. This means the reticle's size changes proportionally with the magnification. At 1x, the reticle appears small for fast target acquisition. As magnification increases, the reticle grows, allowing for precise ranging and holdover corrections at longer distances, as the subtensions remain accurate across all magnification settings.

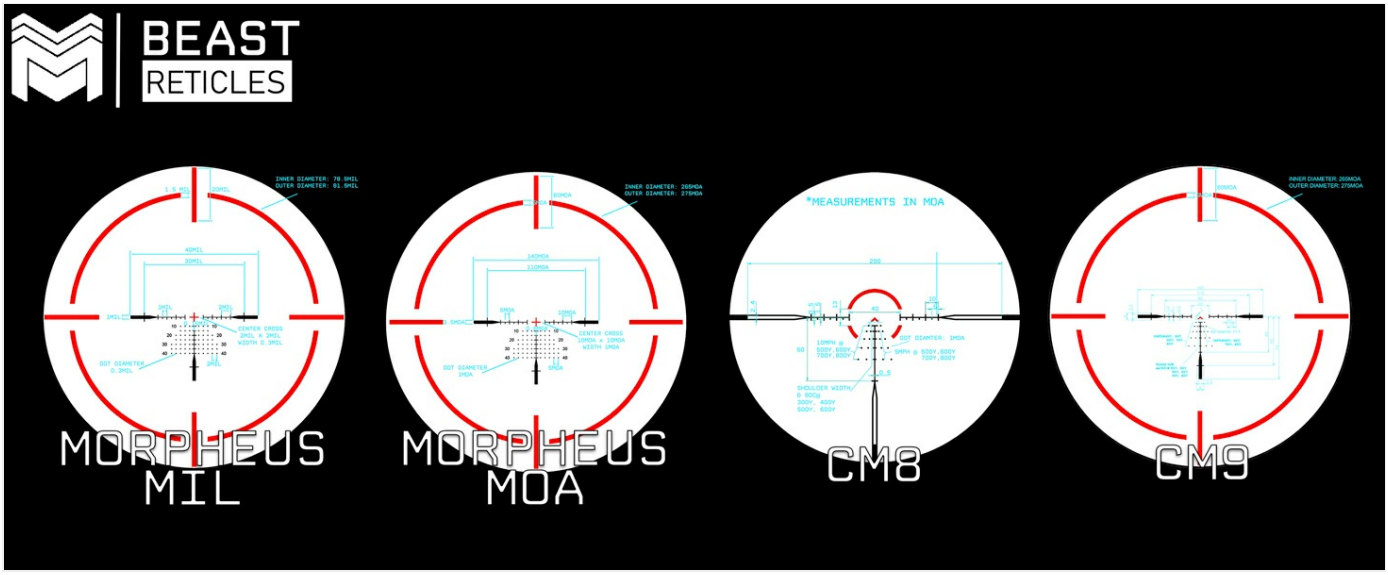


Image: A diagram illustrating the difference between Second Focal Plane (SFP) and First Focal Plane (FFP) reticles, showing how FFP reticles scale with magnification.

CM8 Reticle

The CM8 reticle is designed for both rapid target acquisition at 1x and accurate ranging at higher magnifications. It provides clear aiming points and ranging information that remains consistent due to its FFP design.

Image: A visual representation of the CM8 reticle at 1x magnification (left) and 10x magnification (right), demonstrating its scaling in a First Focal Plane scope.

Reticle Illumination

The scope features an illumination mechanism with multiple brightness intensities. Rotate the illumination dial, typically located on the side of the scope, to activate and adjust the reticle's brightness. The highest settings are designed to provide true daylight bright illumination.

ED Glass Technology

The Extra-low Dispersion (ED) glass in your scope reduces chromatic aberration, which is color fringing that can degrade image quality. This results in superior color contrast, sharper images, and enhanced clarity. The anti-reflective lens

coatings further improve light transmission for a brighter sight picture.

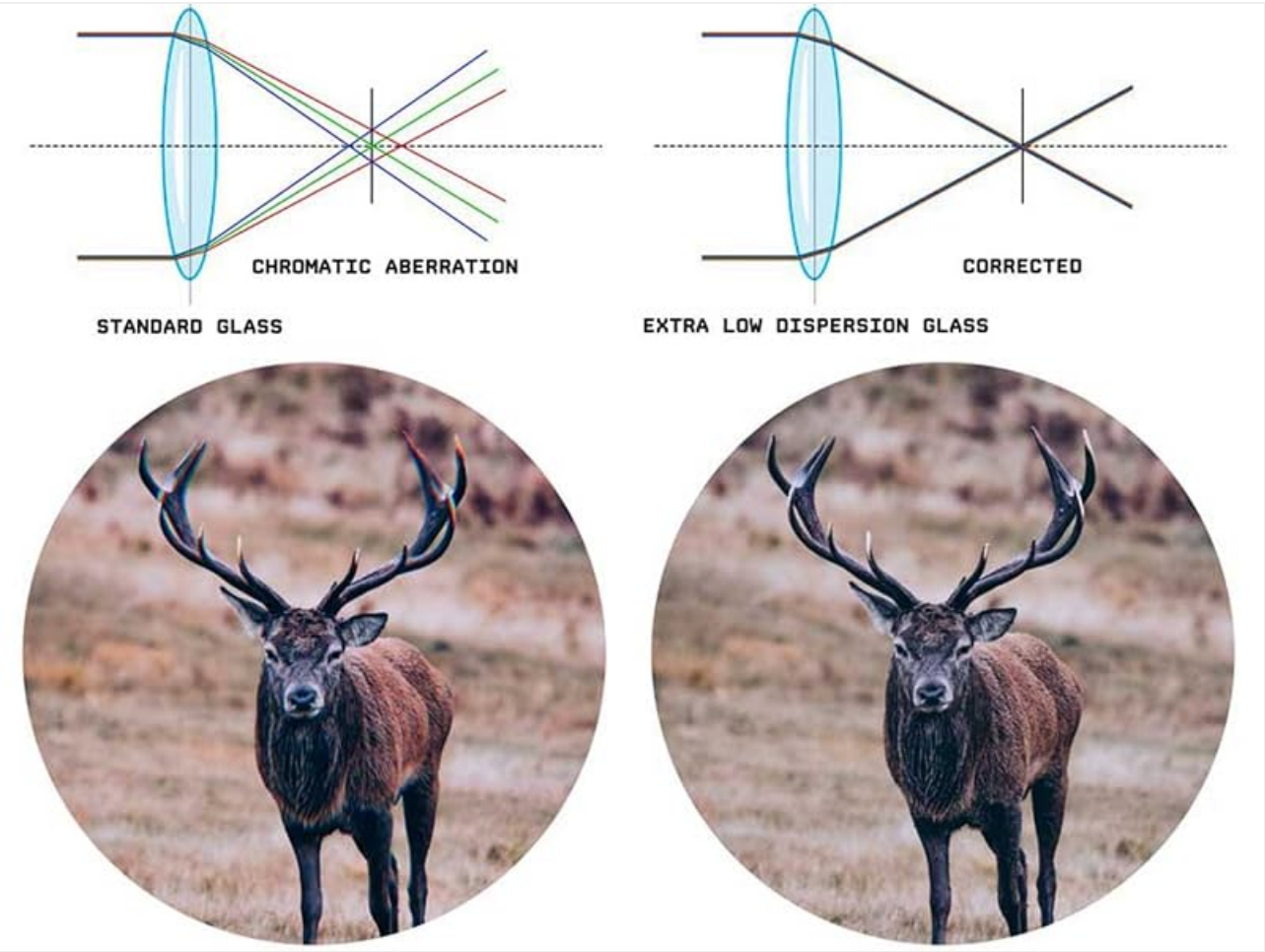


Image: A visual comparison showing the improved clarity and reduced chromatic aberration achieved with Extra-low Dispersion (ED) glass compared to standard glass.

Maintenance

Proper maintenance ensures the longevity and performance of your scope.

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optics. Gently wipe away dust and debris. For stubborn smudges, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens.
- **Cleaning Body:** Wipe the scope body with a soft, damp cloth to remove dirt and grime. Avoid harsh chemicals.
- **Storage:** Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Use the silicone bikini lens cover to protect the lenses when not in use.
- **Inspection:** Periodically check all screws and mounting hardware for tightness. Ensure turrets and magnification rings operate smoothly.

Troubleshooting

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

- **Unclear Image:**
  - Adjust the diopter at the eyepiece for your vision.
  - Ensure lenses are clean and free of smudges or debris.
  - Check for proper eye relief.

- **Reticle Not Illuminating:**
  - Check if the illumination dial is turned on.
  - Replace the battery if necessary (refer to manufacturer's instructions for battery type and replacement).
- **Inaccurate Adjustments:**
  - Ensure windage and elevation turrets are pulled out before adjusting and pushed in to lock.
  - Verify the scope mount is securely tightened to the firearm.

For persistent issues, contact Monstrum customer support.

Specifications

Brand Name	Monstrum
Model Number	FFE110B-CM8
Style	CM8 Reticle
Magnification	1-10x Variable
Focal Plane	First Focal Plane (FFP)
Glass Type	Extra-low Dispersion (ED)
Windage/Elevation Click Value	1/2 MOA or 0.2 MIL (model dependent)
Item Package Dimensions	12.76 x 4.8 x 3.9 inches
Package Weight	1.13 Kilograms
Manufacturer	Monstrum

Warranty Information

For detailed warranty information regarding your Monstrum Beast ED 1-10x FFP LPVO Scope, please refer to the official Monstrum website or the warranty card included with your product. Warranty terms and conditions may vary.

Customer Support

If you require further assistance, have questions about your scope, or need to report an issue, please contact Monstrum customer support. Visit the official Monstrum website for contact details and support resources.
You can visit the Monstrum Store on Amazon for more information.

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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.

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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