

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Bushnell](#) /

› [Bushnell Match PRO 6-24X50 Riflescope User Manual](#)

Bushnell Match Pro BU-MP6245BF8

Bushnell Match PRO 6-24X50 Riflescope User Manual

Model: Match Pro (BU-MP6245BF8)

INTRODUCTION

Thank you for choosing the Bushnell Match PRO 6-24X50 Riflescope. This precision optical instrument is designed for competitive shooting and long-range accuracy, offering advanced features for optimal performance. This manual provides detailed instructions for the proper setup, operation, and maintenance of your riflescope to ensure its longevity and your satisfaction.



Figure 1: Top-down view of the Bushnell Match PRO 6-24X50 Riflescope.

PRODUCT OVERVIEW AND KEY FEATURES

The Match PRO riflescope incorporates several advanced features to enhance your shooting experience:

- **First Focal Plane (FFP) Reticle:** Ensures that reticle holdovers remain accurate across all magnification settings.
- **Parallax Adjustment:** Adjustable down to 10 yards, allowing for precise focus on close-range targets.
- **10-MIL Turrets:** Utilizes a simple base-10 system for quick and intuitive adjustments.
- **18 MIL Windage & Elevation Travel:** Provides ample adjustment range for various shooting scenarios and distances.
- **Tool-less Turret Reset:** Enables fast and easy resetting of turrets without the need for additional tools.
- **Illuminated Deploy MIL Reticle:** An etched glass dot reticle with elevation and windage holds, offering visibility in diverse lighting conditions.
- **Large, Locking Turrets:** Features tactile, positive clicks for confident adjustments that resist accidental movement.

- **Reliable, Repeatable Tracking:** Ensures consistent and accurate 1/10th of a MIL adjustments.
- **Fully Multi-Coated Glass with EXO Barrier™ Protection:** Precision ground glass with Ultrawideband Coating for superior light transmission, color fidelity, and contrast, while reducing glare.



Figure 2: Side view of the Match PRO Rifle scope, highlighting its robust construction.

Your browser does not support the video tag.

Video 1: An overview of the Bushnell Match Pro Rifle scope's key features and design elements.

SETUP

1. Mounting the Rifle scope

The Match PRO rifle scope is designed for use with Picatinny mounts. Ensure your rifle has a compatible mounting rail. Secure the scope firmly using appropriate rings, following the manufacturer's instructions for the rings and mount. Do not overtighten, but ensure the scope is stable and does not rotate.

2. Adjusting the Fast Focus Eyepiece

To achieve a clear reticle image, hold the rifle scope up to a clear, bright background (like the sky) and look through it. Rotate the fast focus eyepiece until the reticle appears sharp and crisp. This adjustment is for the reticle clarity, not the target image.

3. Parallax Adjustment

The parallax adjustment knob is located on the side of the scope. Rotate this knob to match the distance to your target. This eliminates parallax error, ensuring the reticle and target are on the same focal plane, which is crucial for accuracy, especially at varying distances. The parallax can be adjusted from 10 yards to infinity.

4. Tool-less Turret Reset

The Match PRO features tool-less locking turrets for easy resetting. After zeroing your rifle, you can reset the turrets to '0' without any tools. Simply pull up on the turret cap, rotate it to align the '0' mark with the indicator, and push it back down to lock it in place. This allows for quick return to your established zero.



Figure 3: Demonstrating the tool-less turret reset feature for quick zeroing.

OPERATING INSTRUCTIONS

1. Magnification Adjustment

The Match PRO offers a variable magnification range from 6x to 24x. Rotate the magnification ring, typically located near the eyepiece, to adjust the power. The First Focal Plane (FFP) reticle ensures that the reticle scales proportionally with the target image as you change magnification, maintaining accurate holdovers.

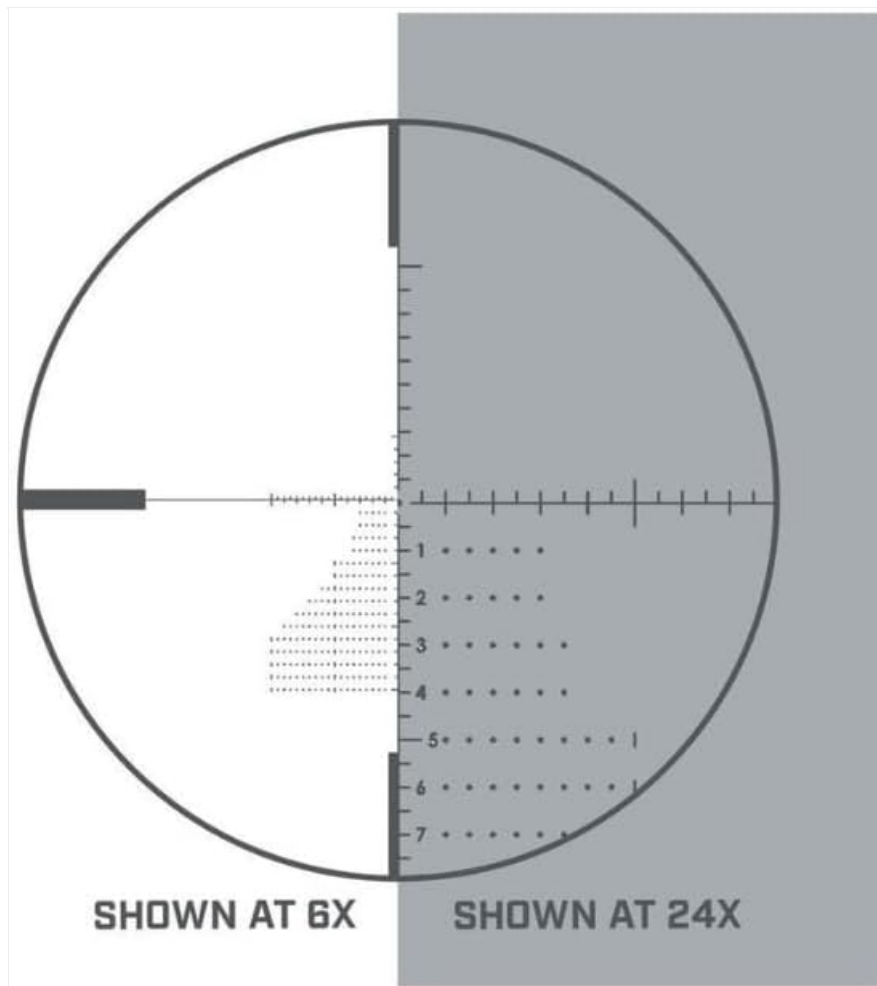


Figure 4: Illustration of the First Focal Plane reticle, showing its appearance at 6x and 24x magnification.

2. Windage and Elevation Adjustments

The riflescope features large, locking turrets for precise windage (horizontal) and elevation (vertical) adjustments. Each click represents 1/10th of a MIL. To make an adjustment, pull up on the turret to unlock it, rotate to the desired setting, and push down to lock it. The turrets provide tactile feedback for confident adjustments.



Figure 5: A shooter utilizing the Match PRO riflescope on a rifle.

3. Illuminated Reticle

The Deploy MIL reticle is illuminated to enhance visibility in low-light conditions or against dark backgrounds. The illumination control is typically integrated with the parallax knob or a separate dial. Rotate the dial to adjust the brightness level to suit ambient light conditions.

MAINTENANCE

1. Cleaning the Lenses

To clean the lenses, first use a soft brush or compressed air to remove any dust or loose debris. Then, apply a small amount of lens cleaning fluid to a microfiber lens cloth and gently wipe the lens surfaces. Avoid using abrasive materials or excessive pressure, which can scratch the coatings. The EXO Barrier™ protection helps repel water, oil, dust, and debris, making cleaning easier.



Figure 6: The EXO Barrier™ coating repels water, ensuring clear vision even in wet conditions.

2. Cleaning the Riflescope Body

Wipe down the exterior of the riflescope with a soft, damp cloth to remove dirt or smudges. For stubborn grime, a mild soap solution can be used, followed by wiping with a clean, damp cloth. Ensure all moisture is removed before storage.

3. Storage

Store your riflescope in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, consider using a desiccant packet to absorb moisture. Keep lens caps on to protect the glass surfaces.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurry Image / Unclear Target	Incorrect parallax setting; Eyepiece not focused; Dirty lenses.	Adjust parallax to target distance; Re-focus fast focus eyepiece; Clean lenses as per maintenance section.
Reticle Not Illuminating	Battery low or dead; Illumination dial off or set too low; Battery inserted incorrectly.	Replace battery; Turn illumination dial up; Check battery orientation.
Turrets Not Adjusting / Stiff	Turrets are locked; Debris in mechanism.	Pull up on the turret cap to unlock; Clean around the turret base.
Inconsistent Point of Impact	Loose mounting rings; Damaged scope; Incorrect zeroing procedure.	Check and tighten mounting rings; Contact Bushnell support if scope is damaged; Review zeroing procedure.

SPECIFICATIONS

Feature	Detail
Brand	Bushnell
Model Name	Match Pro
Model Number	BU-MP6245BF8
Magnification	6-24x
Objective Lens Diameter	50mm
Reticle Type	Illuminated Deploy MIL (First Focal Plane)
Parallax Adjustment	10 yards to Infinity
Windage & Elevation Travel	18 MIL

Feature	Detail
Click Value	1/10th MIL
Tube Diameter	30mm
Eye Relief	3.74 Inches
Item Weight	29.8 Ounces
Material	Glass (Lenses)
Mounting Type	Picatinny Mount
Special Features	Tool-less Turret Reset, EXO Barrier™ Protection, Fully Multi-Coated Optics

WARRANTY AND SUPPORT

Bushnell stands behind the quality of its products. For specific warranty information, including terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Bushnell website. For technical support, service, or parts, please contact Bushnell customer service directly. Keep your proof of purchase for warranty claims.

Bushnell is a leading Optics manufacturer based in the USA that has been serving the outdoor and wildlife enthusiast for more than 70 years.

You can find more information and contact details on the [Bushnell Store on Amazon](#).