



Monstrum Tactical 6-24x50 FFP Scope

FFPS62450-R

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The **Monstrum Tactical FFPS62450-R** is a high-performance long range rifle scope with a first focal plane reticle and an adjustable objective (AO) lens. With a magnification range from 6-24x magnification, it can capably pinpoint mid to long range targets out to 1500 yards & beyond.

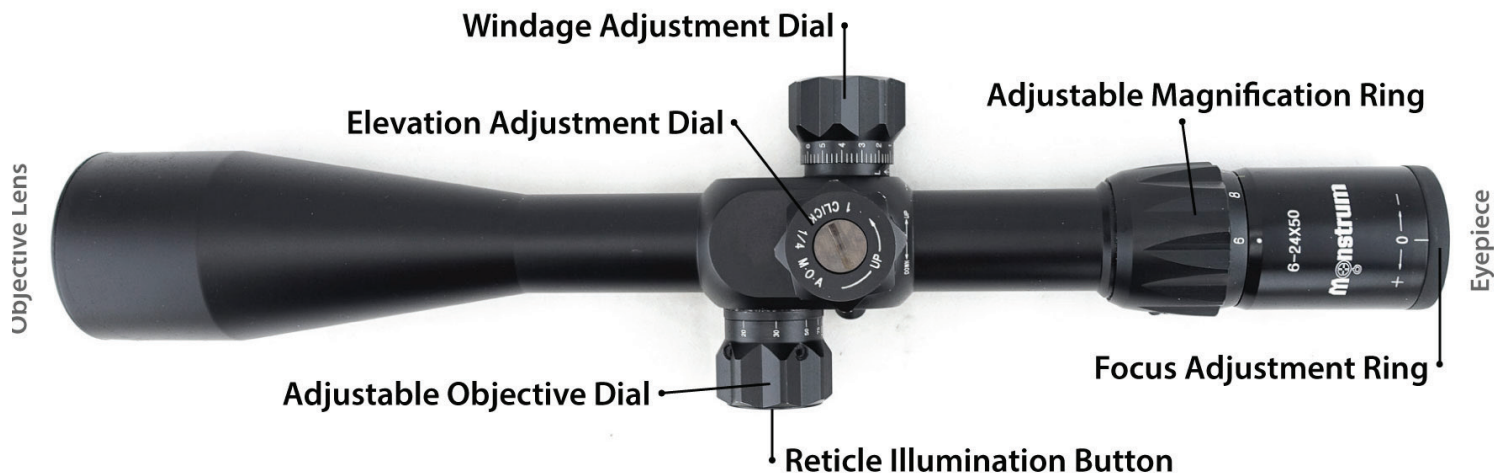
The FFPS62450-R comes equipped with:

- Adjustable 6-24x magnification for targeting out to 1500 yards and beyond.
- A functionally designed first focal plane rangefinder reticle for faster range estimation and holdover correction.
- An adjustable objective, or AO, lens - allowing for sharper focus of the target image, elimination of parallax, and range estimation - adjustable via an easily accessible side focus dial.
- Etched reticle visible with or without illumination, allowing for better reticle visibility at night or in low light environments.
- Responsive touch-button reticle illumination switch, for rapid reticle illumination adjustment with minimal movement.
- 1/4 MOA/click windage and adjustment knobs with resettable zeroes and turret locks to prevent slippage.
- Aircraft grade 6061 aluminum construction
- A sealed, nitrogen charged scope tube for resistance to fog and water.

Your scope package should also include:

- A pair of heavy duty high profile 30mm picatinny scope rings.
- A detachable anti-reflective honeycomb filter sunshade, for reducing outward glare from your scope lens to help conceal your position.
- A set of bikini style see-through lens covers for protecting your scope lenses when not in use.
- A felt drawstring carrying bag for storage and transport of your rifle scope when unmounted.
- One CR2032 3V battery for powering your scope's reticle illumination.

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Mounting the Scope:

1. Determine the proper eye relief for positioning the scope. Using the scope's adjustable magnification ring, set the scope to maximum magnification and look through the scope. The optimum eye relief is the farthest distance away from the scope from which you can still see the entire circular field of view. For the FFPS62450-R, the eye relief should be approximately 4 inches.

2. Set your scope mount and position your scope. The FFPS62450-R has a 30mm scope tube and requires use of 30mm scope rings. Hold your rifle in a comfortable shooting position with your cheek welded to the stock. The scope should be mounted at a comfortable eye relief in relation to this position. Set your scope rings and position the scope accordingly.

3. Secure the scope. Rotate the scope within the rings such that the vertical crosshair is aligned vertically with the rifle. Tighten the rings securely and evenly. If necessary, apply a drop of loc-tite® to the threads of the screws to secure them.

Focusing the Scope

The first step in focusing your scope, is adjusting the focus ring at the near end of the eyepiece. Please note that adjusting the focus ring does not bring the target image into focus. Adjusting the focus ring only focuses the eye on the reticle.

To adjust the focus ring:

1. For AO equipped scopes, first set the AO dial adjustment to infinity (∞).
2. With the scope pointed toward a blank wall or the sky, look through the scope and adjust the focus ring until the reticle is in sharp focus.

Adjustable Objective (AO)

AO stands for adjustable objective. An AO scope is a scope with an adjustable objective lens. What does that mean?

(continued)

For non-AO scopes (scopes with a fixed objective lens), targets will only be in focus and parallax free with the reticle at a fixed distance (commonly 100 yards for consumer scopes). Targets at other distances will be out of focus and parallax will come in to play. This means that for targets at other distances the position of the reticle in relation to the target will shift slightly when you move your head, resulting in less accurate shooting.

An AO scope allows you to adjust the objective lens of the scope, bringing the target image into focus with the plane of the reticle. An AO scope, when properly focused, will 1) bring your targets into sharper focus 2) eliminate parallax and 3) gather ranging information about your target.

Using the AO dial:

1. Look through your scope at your desired target.
2. Adjust the AO dial, located on the left side of the scope, until the target image is at its sharpest focus.
3. Confirm that the sight picture is parallax free. To confirm this, move your eye slightly from side-to-side. The reticle should remain fixed on the target.
4. The AO dial should also allow you to estimate the approximate range of your target based on the physics of the image projection. Once in focus, the approximate range of your target is indicated by the range markings on the AO dial.

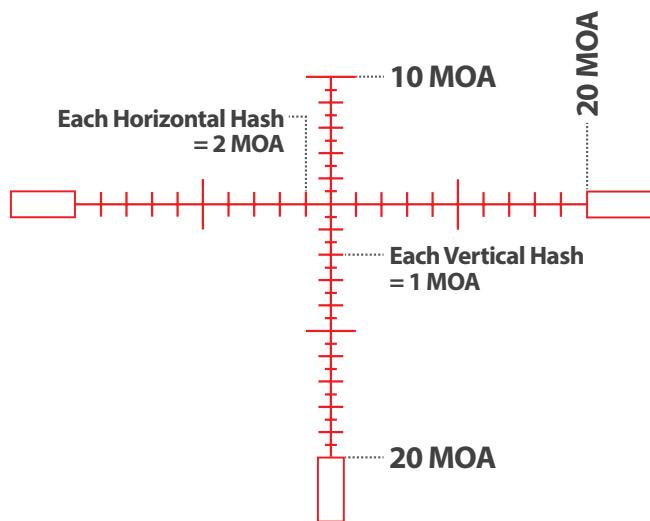
Sighting in your scope

Tip:
Before firing any rounds, we recommend bore sighting your rifle. Bore sighting refers to the process of aligning the bore of your rifle with your target, commonly done with a laser bore sighter, and then sighting in your optic accordingly. Bore sighting ahead of time will save you a significant amount of time and ammo, however, bore sighting alone is not enough to properly sight in your rifle. Once bore sighted, you are ready to sight in your scope.

To sight in your scope:

1. Position your target 100 yards away (or at whatever distance you wish to sight your scope at).

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The scope uses a first focal plane reticle, meaning the size of the reticle relative to the target image stays consistent across different magnification settings. This is useful because the ranging information from the reticle hashmarks remains constant regardless of magnification setting, allowing for faster, more convenient range estimation and holdover correction.

Reticle Illumination

The FFPS62450-R is equipped with an illuminated reticle that lights in both red and green in varying brightness intensities. The illuminated reticle aids visibility in low light environments.

To operate the reticle illumination:

1. Press the reticle illumination touch-button control once to turn on.
2. To adjust the illumination level, press the button again repeatedly.

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2. Position your rifle on a steady shooting platform such as a gun rest or bipod pointed at the target.
3. For variable magnification scopes, set your scope to the maximum magnification.
4. Fire one round at the center of the target, taking care not to change the position of the rifle.
5. Using a spotting scope or binoculars, identify the bullet hole on the target.
6. Using the windage and elevation adjustment dials on your scope, adjust the position of the crosshairs to align with the bullet hole. The elevation dial is located on top of the scope, while the windage dial is located on the right of the scope. Each click of the adjustment dial will move the position of the crosshairs by $\frac{1}{4}$ MOA or roughly $\frac{1}{4}$ inch at 100 yards.
7. Once the crosshairs are aligned with the bullet hole, aim again at the center of the target and repeat the process until you are consistently hitting the center of the target.

8. Once the scope has been zeroed, tighten the turret locks at the base of the windage and elevation dials to prevent the dials from moving.

Note that the windage and elevation dials have numbered markings at the base and can be reset to zero for a simpler point of reference. To reset the turrets to zero, simply unscrew the set screw at the top of the turret using a coin, rotate the turret to align the "0" with the reference point at the base of the turret, then re-tighten the set screw.

OPERATING THE SCOPE

First Focal Plane Range Finder Reticle

Your FFPS62450-R Rifle Scope is equipped with a first focal plane range finder reticle. The reticle is functionally designed with set hashmarks for estimating distance and for holdover correction. Please note that 1 MOA (Minute of Angle) = approximately 1 inch at 100 yards away.

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3. To switch the illumination color between red and green, hold the button down for one second, then release.
4. To turn the reticle illumination off, hold the button down for two seconds.

The illuminated reticle is powered by a single CR2032 3V battery, located within the reticle illumination dial. To change the battery, use the included removal tool to unscrew the cap of the battery hatch and position the battery negative side down.

Honeycomb Filter Sunshade

The package includes a honeycomb filter sunshade. The sunshade prevents light from reflecting off your glass, reducing outward glare and helping conceal your shooting position. To attach the sunshade, unscrew and remove the ring on the objective end of the scope. Then screw in the sunshade in its place.

Warranty Support

Monstrum Tactical ensures strict standards of quality control and provides a one year warranty with all of our rifle scope products. Please note, that to qualify for warranty support, scopes must be purchased new and include proof of purchase. For warranty support, please contact Monstrum Tactical at support@monstrumtactical.com.

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