NOMAD

4-16 x 50 SFP

OWNER'S MANUAL

ATIBAL

always on target

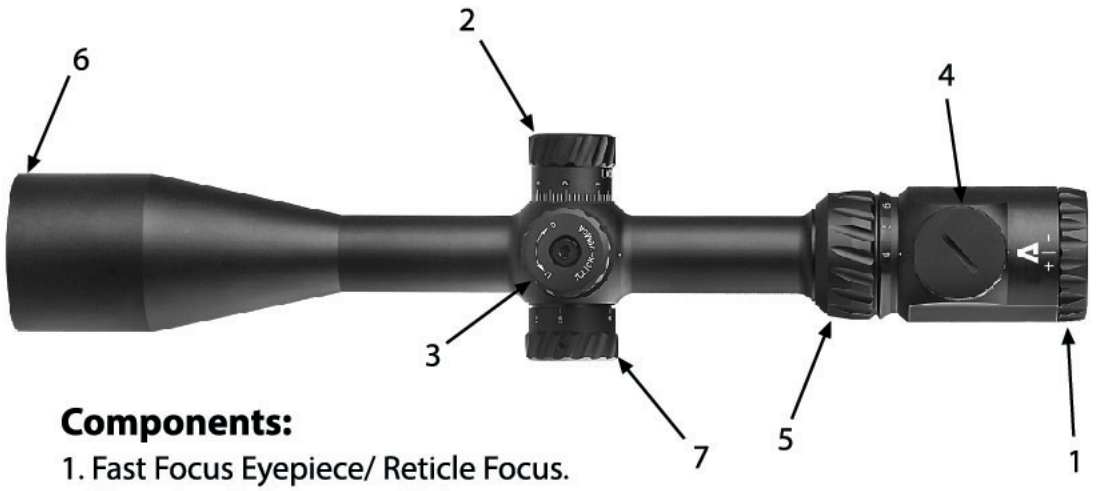
NOMAD
4-16 x 50 SFP

PRODUCT OVERVIEW:

The NOMAD 4-16x50 is specifically designed for the most discriminating hunters and shooters. The Atibal NOMAD 4-16x50 offers the highest levels of performance and reliability with features such as 4x optical zoom, side focus, and generous long eye relief. Backed with Atibal's Lifetime Warranty, the NOMAD 4-16x50 utilizes a simple uncluttered illuminated V-Plex reticle with a BDC, making the NOMAD ideal for any hunter.

At Atibal our goal is simple; to provide superior quality products at reasonable prices. We back our quality with a full lifetime warranty on all of our products. Couple this with our exemplary customer service and Atibal is a name you can count on.

Please read the entire manual before using your new optic.



Components:

1. Fast Focus Eyepiece/ Reticle Focus.
2. Elevation Adjustment Dial.
3. Windage Adjustment Dial.
4. Reticle Illumination Brightness Dial.
5. Magnification Adjustment Ring.
6. Objective Lens; 50mm
7. Parallax Adjustment Dial.

SPECIFICATIONS:

MAGNIFICATION:	4-16X
OBJECTIVE LENS DIAMETER:	50MM
EYE RELIEF:	4 INCHES
FIELD OF VIEW:	22.1-5.6 FT
BATTERY TYPE:	1x CR2032
TUBE SIZE:	1"
TURRET STYLE:	TARGET TURRET
ADJUSTMENT PER CLICK:	1/8 MOA
MAX ELEVATION ADJUSTMENT:	60 MOA
MAX WINDAGE ADJUSTMENT:	60 MOA
WEIGHT:	23.6 OZ. W/O MOUNT
LENGTH:	13.7 INCHES
MADE OF 6061-T6 AIRCRAFT GRADE ALUMINUM	

LIFETIME WARRANTY · SECOND FOCAL PLANE (SFP) · SIDE FOCUS PARALLAX ADJUSTMENT · ILLUMINATED GREEN AND RED V PLEX BDC RETICLE · 10 BRIGHTNESS SETTINGS (5 FOR RED AND 5 FOR GREEN) · FULLY MULTI-COATED LENS PROVIDING NO LESS THAN 85% LIGHT TRANSMISSION · LOCKABLE TARGET TURRETS FOR WINDAGE AND ELEVATION ADJUSTMENT · INCLUDED SUN SHADE · WATER PROOF · SHOCK PROOF · FOG PROOF

PLEASE OBSERVE ALL FIREARMS SAFETY RULES WHEN HANDLING A FIREARM.

MOUNTING INSTRUCTIONS:

Atibal recommends using the Atibal TPR rings with the 1" reducing sleeves for optimal performance and reliability. Install the mount as per the manufacturer's instructions. Do not overtighten the scope mount, doing so can cause irreparable damage to your Atibal scope potentially voiding the warranty.

ESTABLISHING EYE RELIEF

The NOMAD 4-16x50 has a 4" eye relief. To establish eye relief, first affix your scope mount to the firearm in your desired position. Once the mount is secured adjust your optic to the 10x magnification position. Position yourself behind the optic in your preferred shooting position with an adequate cheek weld. With the optic set as far forward as possible in the mount and a good cheek weld established, slowly start to slide the scope rearward until a full sight picture is achieved, you do not want to see any black around the reticle.

ALIGNING THE RETICLE

The purpose of aligning the reticle is to ensure that the reticle is square to the firearm. To align the NOMAD 4-16x50 reticle use either the vertical line of the bullet drop compensator or the horizontal line of the reticle as a reference for horizontal orientation.

To align the reticle; first make sure to not disturb the eye relief determined in the previous step. Next you'll want to place your firearm on a stable, level platform with enough space to adequately secure the firearm in a stable level position. With space permitting use either a plumb bob or a clearly visible line that is perfectly perpendicular to the earth, try to set the reference point at a significant distance from the optic. Once the vertical reference has been established, position yourself behind the rifle in your ideal shooting position with a solid cheek weld. While looking through the rifle scope with your shooting eye, slowly rotate the scope in the mount until the vertical line of the reticle is

perfectly parallel with the vertical reference line. Once you have established a perfect reticle alignment tighten down the scope mounts as per the manufacturer's specifications. Aside from the aforementioned method of reticle alignment, there are a variety of other tools and techniques that can be used to establish a perfect reticle alignment. A simple online search will yield a variety of results explaining how to set reticle alignment.

OPERATING INSTRUCTIONS:

BATTERY INSTALLATION

To Install the battery twist off the cap of the illumination control dial. Install one (1) CR 2032 battery, positive(+) side facing outward of the optic.

RETICLE ILLUMINATION / BRIGHTNESS DIAL

The Atibal NOMAD 4-16x50 features an illuminated reticle with 5 brightness settings in both red and green.
Brightness settings range from one (1) to five (5); one (1) being the dimmest, five (5) being the brightest.

Be sure to set the illumination dial to zero(0) to turn the illumination off while the optic is not in use, in order to avoid draining the battery.

RETICLE FOCUS ADJUSTMENT

The Atibal NOMAD 4-16x50 features a fast focus eyepiece for quick reticle focus adjustments. To adjust the focus, first ensure that the fast focus eyepiece is not set to one extreme end or the other. Rotate the fast focus eyepiece to in between completely closed and completely open.

Find a white or plain light colored background to view through the scope. Quickly look through the scope at the reticle and rotate the fast focus eyepiece one way or the other until the reticle becomes as crisp and clear as possible.

Try to refrain from staring at the reticle for too long while making focus adjustments, as this will result in your eye compensating for an out of focus reticle, potentially causing a false reticle focus.
It should not be necessary to adjust the reticle focus each time the scope is used, though you may need to make some focus corrections from time to time.

WINDAGE & ELEVATION ADJUSTMENTS

The Atibal NOMAD 4-16x50 has finger adjustable windage and elevation dials that are easy to manipulate and have an audible click making adjustments quicker and more accurate.

The clicks on the NOMAD 4-16x50 windage and elevation dials are 1/8 MOA scale, so each click will move the strike of the round 1/8 MOA (about 0.13025 inches) at 100 yards distance.

1 MOA SCALE REFERENCE (8 clicks on the NOMAD 4-16x50)
@100 yards 1 MOA = 1.05 inches
@200 yards 1 MOA = 2.1 inches
@300 yards 1 MOA = 3.15 inches
@400 yards 1 MOA = 4.2 inches

MAKING ADJUSTMENTS ON THE WINDAGE & ELEVATION DIALS

To make adjustments lift the turrets and rotate the dial in the appropriate direction, using the arrows on the dial for reference.

When making adjustments rotate the dial in the direction you wish to move the strike of the round.

ZEROING THE ADJUSTMENT DIALS

After sighting in your optic you will want to zero the adjustment dials. Using an allen key, remove the turret cap from the optic. Rotate the dial face until the "0" lines up with the hash mark located at the base of the dial on the scope. Replace the turret cap and tighten down with the allen key, **DO NOT OVER TIGHTEN.**

MAKING PARALLAX ADJUSTMENTS

The NOMAD uses a side focus adjustment which provides maximum image sharpness and eliminates parallax error.

SETTING THE SIDE FOCUS:

1. Be sure the reticle is correctly focused.
2. Turn the side focus knob until the target image is as sharp as possible. The yardage numbers referenced on knob should closely match the actual yardage to the target.
3. Check for parallax error by moving your head back and forth while looking through the scope. The focus is correct if there is no apparent shift of the reticle on the target. If you notice any shift, adjust the focus knob slightly until all shift is eliminated.

MAGNIFICATION ADJUSTMENT RING

The magnification adjustment ring of the Atibal NOMAD 4-16x50 rifle scope has twelve (12) different magnification settings from 4x magnification to 16x magnification.

To adjust the magnification level simply rotate the adjustment ring around the scope until the desired level of magnification has been reached.

SIGHTING IN THE OPTIC

Prior to sighting in the optic you will want to boresight the scope, doing so can help speed up the process and potentially save some ammo.

To boresight the scope you can do so by establishing a reference point that is visible through the rifle bore and the optic. To do this, first ensure that the weapon is unloaded. Next, clear the action of the bolt and/or bolt carrier. Position the firearm on a sturdy platform where you are able to see through the rifle bore and the scope. Ensure that your reference object is visible through both the rifle bore and the scope as well as centered in the rifle bore and the scope picture.

Start to make windage and elevation adjustments until the reticle is perfectly centered on the reference point. When you are finished making adjustments be sure to resecure the turret caps.
Another method of bore sighting the optic is to use a laser bore sighting tool, follow the manufacturer's instructions when using a laser bore sighting tool.

Once Bore sighting has been accomplished you are ready to go to the range and finish sighting in your optic.

Using the exact ammunition expected to be used while shooting. Sight in and zero the riflescope at the preferred distance. 100 yards is the most common zero distance, although a 200 yard zero may be preferred for long range applications. **BE SURE THE RETICLE IS IN FOCUS AND SET THE SIDE FOCUS ADJUSTMENT TO MATCH THE DISTANCE BEING USED FOR SIGHT-IN.** Fire a shot or two at the target, if you are several inches off center, make an appropriate amount of adjustments to move the reticle to the center of the target. Carefully fire a three shot group. Use the center of that group as a reference point for the final adjustments to windage and elevation. After you finish zeroing your rifle at the range you will want to zero the adjustment dials.

CLEANING

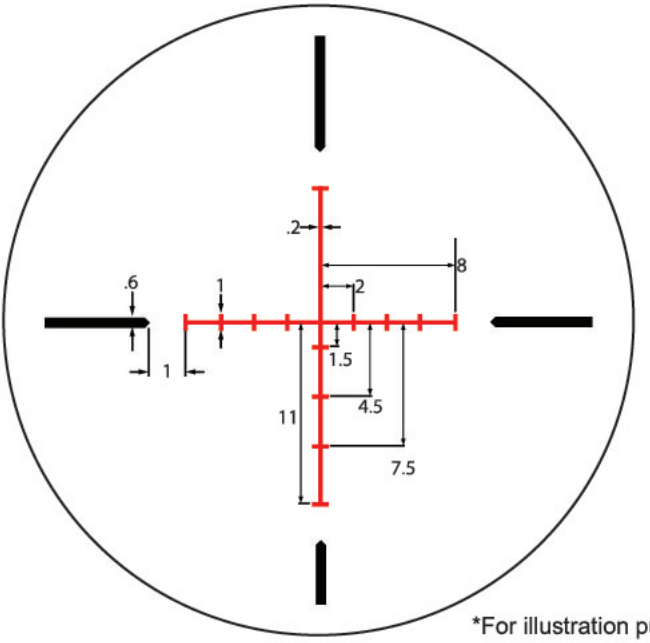
The Atibal NOMAD 4-16x50 requires very little maintenance to keep clean and operational.

Treat the lenses with the utmost care, the lenses on the Atibal NOMAD 4-16x50 are fully multi-coated lenses. Use appropriate multi-coated lens cleaning rags, brushes, and solvents when cleaning. Never wipe a lens with a rag when debris is present as this can scratch the lens.

Always keep the turret caps on when not making windage and elevation adjustments. Do not attempt to disassemble the windage or elevation adjustment dials for any reason, as this can potentially void the warranty.

Keep the fast focus ring clean of any debris, do not attempt to disassemble the fast focus ring for any reason, as this can potentially void the warranty.
Wipe the scope body clean during normal routine weapons maintenance, use an aluminum safe cleaning solvent to remove build-up or grime.

THE NOMAD 4-16X50 UTILIZES A SIMPLE LASER-ETCHED V-PLEX RETICLE WITH BDC FEATURING DUAL ILLUMINATION IN RED AND GREEN. THIS RETICLE DESIGN IS IDEAL FOR HUNTING AND SHOOTING AT VARYING RANGES WHERE ESTIMATING HOLDOVER IS A CONCERN AS IT HELPS ELIMINATE THE GUESSWORK ON HOLDOVER AND WINDAGE CORRECTIONS. ALL MEASUREMENTS ARE IN MOA.

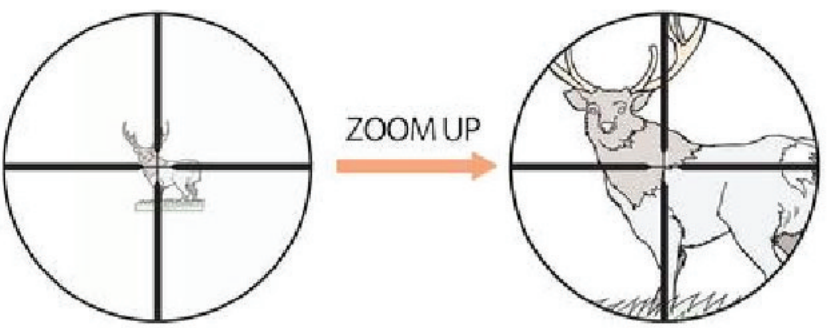


*For illustration purposes, not to scale.

SECOND FOCAL PLANE RETICLE

The Second Focal Plane system (also referred to as the Rear Focal Plane system) places the reticle to the rear of the erector assembly or zoom mechanism. This is the most common reticle system and is found in most hunting optics. Because the reticle is behind the zoom mechanism, the size of the reticle is constant and does not change when magnification is adjusted. This will make the reticle appear to consume more of the target on low power; on high power, the reticle will appear to consume less of the target, which is beneficial for long-range, precision shooting.

Since the reticle size never changes on SFP systems, it is important to note that the reticle measurements will only be correct on one specific power. For the NOMAD 4-16x50, the measurements are correct at 12x power.



TROUBLESHOOTING

If you are experiencing any of the following issues and none of the proposed solutions solve the problem, do not attempt to disassemble the scope and fix the problem yourself. Contact Atibal for help.

ILLUMINATION WON'T WORK.

-Ensure the brightness dial is on.
-Replace the battery

SCOPE WON'T SIGHT IN.

-Ensure you have a stable shooting platform and rest for your rifle.
-Ensure the scope is mounted properly as per the mount manufacturer's specifications.
-Try using a different ammo.
-Be sure that the firearm is clean and free of any buildup or debris.

DIALS AND RINGS WON'T FUNCTION PROPERLY.

-Ensure the dials and rings are free of any debris. Do not attempt to disassemble.

WARRANTY

No gimmicky names or slogans to make our Lifetime Warranty sound better than what it is. At Atibal we call our Lifetime Warranty a Lifetime Warranty. If your Atibal product becomes defective, broken, or is no longer working we will get it repaired or replaced. It's that simple. The Atibal XP6 Mirage has a full lifetime warranty. For full warranty information please visit **https://atibal-sights.com/pages/warranty**

NOTES:

NOMAD

4-16 x 50 SFP

DESIGNED IN SURPRISE, ARIZONA USA

ATIBALSIGHTS.COM

ATIBAL