



STEALTH HD

5-30x56 FFP

OWNERS MANUAL

ATIBAL

PRODUCT OVERVIEW

The Atibal Stealth HD 5-30x56 FFP offers the highest levels of performance and reliability with features such as a First Focal Plane Reticle, side focus parallax adjustment, and generous long eye relief. Backed with Atibal's Lifetime Warranty, the Stealth HD 5-30x56 FFP utilizes an acutely elaborate MIL reticle with a BDC, making the Stealth HD ideal for any hunter.

The Stealth HD reticle is designed to enhance precision shooting and range determining abilities, the reticle can be used to accurately determine range, windage corrections, holdovers and moving target leading. A Laser etched glass reticle ensures that MIL specifications maintain as much accuracy as possible. The Stealth HD reticle features windage reference dots on drop lines to help ensure accurate shot determination in all conditions.

PLEASE READ THE ENTIRE MANUAL BEFORE USING YOUR NEW OPTIC.



1. Fast Focus Eyepiece/Reticle Focus
2. Elevation Adjustment Dial
3. Windage Adjustment Dial

4. Magnification Adjustment Ring
5. Objective lens 56mm
6. Parallax Adjustment Dial

SPECIFICATIONS

MAGNIFICATION:	5-30x
OBJECTIVE LENS DIAMETER:	56mm
EYE RELIEF:	4 INCHES
FIELD OF VIEW:	23-3.4ft
RETICLE:	FIRST FOCAL PLANE
TUBE SIZE:	34MM
TURRET STYLE:	TARGET TURRET
ADJUSTMENT PER CLICK:	1/10 MIL
WINDAGE ADJUSTMENT RANGE:	32 MIL
ELEVATION ADJUSTMENT RANGE:	22 MIL
WEIGHT:	37.14 OZ. W/O MOUNT
LENGTH:	13.39 INCHES

**LIFETIME WARRANTY • FIRST FOCAL PLANE (FFP)
SIDE FOCUS PARALLAX ADJUSTMENT • NITROGEN-GAS
PURGED FOR WATER AND FOG PROOF PERFORMANCE
• 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.

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.

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.
- Establish the mechanical zero and ensure you are starting from this point when zeroing the optic.

DIALS AND/OR 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 Stealth HD has a full lifetime warranty. For full warranty information please visit <https://atibalsights.com/pages/warranty>

MOUNTING INSTRUCTIONS

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 Stealth HD 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 9x 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 Stealth HD 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.

RETICLE

The Stealth MIL reticle is designed to enhance precision shooting and range determining abilities, the reticle can be used to accurately determine range, windage corrections, holdovers and moving target leading. A laser etched glass reticle ensures that mil specifications maintain as much accuracy as possible. The Stealth HD mil reticle features windage reference dots on drop lines to help ensure accurate shot determination in all conditions.



FIRST FOCAL PLANE RETICLE

The Stealth HD mil reticle is designed to enhance precision shooting and range determining abilities, the reticle can be used to accurately determine range, windage corrections, holdovers and moving target leading. A laser etched glass reticle ensures that mil specifications maintain as much accuracy as possible. The apex mil reticle features windage reference dots on drop lines to help ensure accurate shot determination in all conditions.



ZERO STOP INSTRUCTIONS

1. Remove all 4 set screws on the sides of the turrets. Once all 4 screws are out, simply pull the turret off.



2. Once the turret is removed, unscrew the set screw on the limit nut and rotate it to the appropriate position for your Zero Stop. Once you align your Zero Stop, screw back in the set screw.



3. Finally, put the turrets back into place and align the "0" indicator with the centerline marking on the body of the scope. Once aligned, tighten back all 4 set screws.



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 Stealth HD requires very little maintenance to keep clean and operational.

Treat the lenses with the utmost care, the lenses on the Atibal Stealth HD 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.

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:

RETICLE FOCUS ADJUSTMENT

The Atibal Stealth HD 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.

MAGNIFICATION ADJUSTMENT RING

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

WINDAGE & ELEVATION ADJUSTMENTS

The Atibal Stealth HD 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 Stealth HD windage and elevation dials are 1/10 MIL scale, so each click will move the strike of the round .1 MIL (about 1cm) at 100 meters distance.

1/10 MIL SCALE REFERENCE (1 click on the Stealth HD)

@100 meters 1 click = 1cm

@200 meters 1 click = 2cm

@300 meters 1 click = 3cm

@400 meters 1 click = 4cm

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 Stealth HD 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 the 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.

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.**

The logo for Atibal features a stylized orange letter 'A' on the left, followed by the word 'TIBAL' in a bold, white, sans-serif font. A small 'TM' trademark symbol is positioned at the end of the word. The background is a dark grey grid of hexagons with a 3D effect.

ATIBAL™

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Designed in Mesa, Arizona, U.S.A.