



**X<sup>S</sup>**  
**1-10x30**

**OWNER'S MANUAL**

**A TIBAL**<sup>TM</sup>  
always on target

## PRODUCT OVERVIEW:

From close quarters competition to long range precision rifle shooting, the Atibal Xs 1-10x30 SFP scope has been designed with today's sportsmen in mind. Durable, practical, versatile, and affordable the Atibal X offers the clarity and dependability you would expect to find in a high end optic, but without the high-end price tag. Loaded with features 1/10 MIL per click finger adjustable windage and elevation target turrets, a side mounted reticle illumination control dial with 6 brightness levels and off positions between each selection, a magnification adjustment ring with integrated oversized low profile finger tab that makes deliberate zoom adjustments a breeze, illuminated second focal plane reticle, low dispersion- high definition glass, Atibal's Full Lifetime Warranty, and so much more.

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.



### 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.

## SPECIFICATIONS:

MAGNIFICATION:	1-10X
OBJECTIVE LENS DIAMETER:	30MM
EYE RELIEF:	~ 4 INCHES
FIELD OF VIEW:	101-10.1 FT
BATTERY TYPE:	1x CR2032
TUBE SIZE:	35 MM
TURRET STYLE:	TARGET TURRETS
ADJUSTMENT PER CLICK:	1/10 MIL
MAX ELEVATION ADJUSTMENT:	72 MIL
MAX WINDAGE ADJUSTMENT:	69 MIL
WEIGHT:	21.1 OZ. W/O MOUNT
LENGTH:	10.1 INCHES

MADE OF 6061-T6 AIRCRAFT GRADE ALUMINUM

LIFETIME WARRANTY • SECOND FOCAL PLANE (SFP)  
Ø.22 MIL CENTER DOT WITH BDC • 6 BRIGHTNESS SET-  
TINGS WITH OFF POSITIONS BETWEEN EACH SETTING  
ED GLASS • FULLY MULTI-COATED LENS • TARGET TUR-  
RETS FOR WINDAGE AND ELEVATION ADJUSTMENTS  
WATER PROOF • SHOCK PROOF • FOG PROOF



PLEASE OBSERVE ALL FIREARMS SAFETY RULES  
WHEN HANDLING A FIREARM.

## **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 Xs, potentially voiding the warranty.

## **ESTABLISHING EYE RELIEF**

The Atibal Xs has a generous 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 reticle use either the vertical line of the bullet drop compensator, or the lowest horizontal line of the bullet drop compensator 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 Xs features an illuminated reticle with 6 different brightness settings with off positions between each brightness setting.

Brightness settings range from one (1) to six (6); one (1) being the dimmest, six (6) being the brightest.

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

### **RETICLE FOCUS ADJUSTMENT**

The Atibal Xs 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 Xs features precision windage and elevation adjustment dials that require no tools to manipulate and have an audible click making adjustments quicker and more accurate.

The clicks on the Atibal Xs windage and elevation dials are 1/10 MIL scale, so each click will move the strike of the round 1/10 MIL (0.36 inches) at 100 yards distance.

1 MIL SCALE REFERENCE (10 clicks on the Atibal Xs)

@100 yards 1 MIL = 3.6 inches

@200 yards 1 MIL = 7.2 inches

@300 yards 1 MIL = 10.8 inches

@400 yards 1 MIL = 14.4 inches

## **TO MAKE ADJUSTMENTS ON THE WINDAGE & ELEVATION DIALS**

Lift up on the target turret to unlock the turret. With your fingers, rotate the dials 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 turrets. With the turrets in the locked position use the included 3mm Allen wrench to remove the screw from the top of the turret. Being cautious not to damage the optic or lose any of the hardware. With the screw removed, lift and rotate the turret until the "0" lines up with the reference dot located at the base of the dial on the scope. Once the zero has been determined replace the mounting hardware and tighten the screw in place, **do not over-tighten.**

## **MAGNIFICATION ADJUSTMENT RING / INTEGRATED FINGER TAB**

The magnification adjustment ring of the Atibal Xs 1-10x30 rifle scope has ten (10) different magnification settings from 1x magnification to 10x magnification.

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

The Atibal Xs features a magnification adjustment ring with integrated oversized low profile finger tab that makes deliberate zoom adjustments a breeze. The finger tab assists in quick and concise adjustments in magnification allowing shooters to acquire and engage targets quickly and confidently at any distance.

## **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. Once the reticle is centered over the reference point you can replace the adjustment dial 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 a rifle sighting target: 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.

Example: Firing from 100 yards, the center of your three shot group is 3 inches low and 4 inches left. At this distance you should make a 8 CLICK adjustment up, and a 11 CLICK adjustment right. Your next shot should now be very close to the center of the target.

After you finish zeroing your rifle at the range you will want to zero the adjustment dials.

## **CLEANING**

The Atibal Xs requires very little maintenance to keep clean and operational.

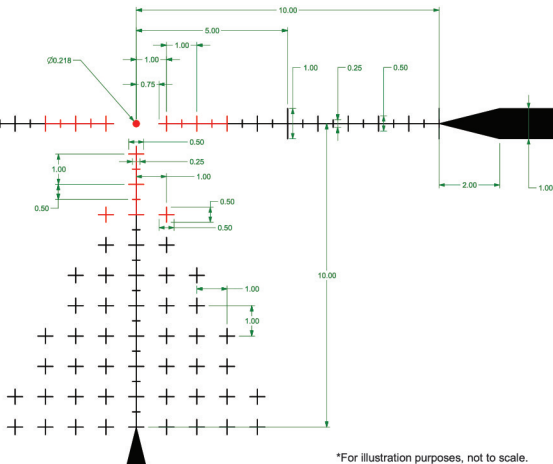
Treat the lenses with the utmost care, the lenses on the Atibal Xs are fully multi-coated lenses. Use appropriate multi-coated lens cleaning rags, brushes, and solvents when cleaning. Never wipe a lens with a rag when debris is present as this can scratch the lens.

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.

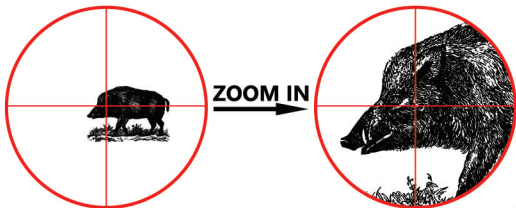
THE ATIBAL Xs UTILIZES A "CHRISTMAS TREE" STYLE RETICLE WITH A Ø.22 MIL CENTER DOT WITH A BULLET DROP COMPENSATOR. THE ATIBAL Xs RETICLE ALLOWS YOU TO QUICKLY OBTAIN YOUR TARGET IN CLOSE QUARTERS SCENARIOS AND FOR MORE PRECISE SHOTS AT LONGER DISTANCE WITH IT'S FINE Ø.22 MIL CENTER DOT.



\*For illustration purposes, not to scale.

## SECOND FOCAL PLANE RETICLE

If the reticle is placed at the second focal plane position, as you increase the magnification, the target will get larger but the size of the reticle will stay the same throughout the magnification.



## **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 X 1-10x has a full lifetime warranty. For full warranty information please visit [www.atibaloptycs.com](http://www.atibaloptycs.com)







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DESIGNED IN MESA, ARIZONA USA

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