

Instructions for Use

I. DESCRIPTION

The ATIBAL 4x32 AT-AGB Gen II enhances the ability to identify a target with accurate shooting precision for AR-15 or similar assault rifles. The sight is for outdoor, daylight use only. The 4x32 AT-AGB Gen II is a lightweight rugged, fast and accurate 4x magnification optic scope with a Bullet Drop Compensator (BDC) crosshair. It is shock proof, waterproof and also features an adjustable diopter to customize the focus based on shooter's vision.

II. CHARACTERISTICS

	ATIBAL AT-AGB GEN II 4x32
Magnification	4x
Objective Size	32mm
Bullet Drop Compensator (BDC)	YES
Reticle	Crosshair
Illumination Source	None
Calibration	.223/5.56
Diopter Adjustment	YES
Eye Relief	1.5"
Life Time Warranty	YES
Shock Proof	YES
Water Proof	YES
Full Metal Casting	YES
Includes 20mm Mount	YES
Includes 11mm Mount	YES
Weight Without Mount	10 oz
Length	5.8"



III. INSTALLATION

The ATIBAL 4x32 AT-AGB GEN II will arrive with two mounts. It will come attached to the 20mm rail with the 11mm rail included separately.

The ideal location for your sight will be toward the rear of your rail if a back up iron sight is not used. This will afford the best eye relief.

CAUTION: The thumbscrew knobs must be tightened using fingers only. The thumbscrews are designed to remain tight if installed firmly with fingers only. An additional 1/8 to 1/4 turn may be applied with a coin or screwdriver if desired (do not tighten farther or use pliers). Do not apply thread locking compound to thumbscrews (attachment knobs) or permanent damage to the mount base and knob will result. **ALWAYS INSTALL THE SCOPE THE EXACT SAME WAY TO ENSURE ZERO RETENTION (RETURN TO ZERO—SAME KNOB PRESSURE SUCH AS FINGER TIGHT PLUS 1/4 TURN).**

1. Loosen thumbscrew knobs and pull the interface clamp bar back against the knobs.
2. Place the 4x32 AT-AGB GEN II onto the rail surface. Be sure to engage the interface studs into the grooves on the top mounting surface. The sight can be placed in any of the slots on top of the weapon to allow for eye relief adjustments. If you need to retain the same zero, place the sight into the same slots on each installation. For best results, DO NOT MOUNT on a handle.
3. Tighten the thumbscrew knobs firmly using fingers only and then add another 1/4 turn using a coin or screwdriver. The slots on the knobs are only for removal if knobs are attached to tightly for hand removal. If the slots are used to tighten the knobs, the sight will be very difficult to remove.

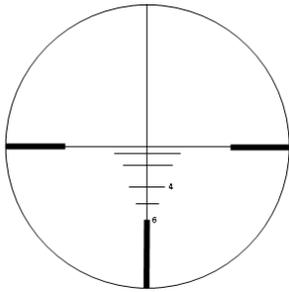
IV. OPERATION

ADJUSTMENT CAUTION: Do not continue to adjust windage and elevation mechanisms if you encounter resistance. Adjustment to the extreme ends of the range can result in damage to the internal mechanism. Damaging elevation and windage adjustment is not covered under the lifetime warranty as it is due to user error.

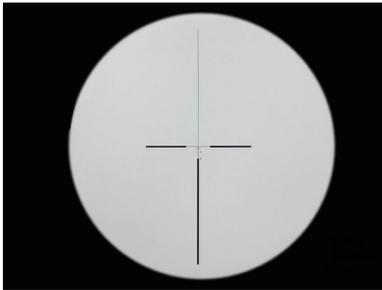
- A. To adjust the windage and elevation of your sight, you will use the adjuster mechanisms on the top (elevation) and the right-hand side (windage) of the sight. This adjustment can be made with a flat head screwdriver. The caps are very tight to ensure a waterproof seal with the O-rings inside. The caps should only be off the scope when adjustments are being made.
- B. To move the crosshair to the left, turn the windage adjustment counter-clockwise. To move the crosshair to the right, turn the windage clockwise.
- C. To move the crosshair down, turn the elevation adjustment counter-clockwise. To move the crosshair up, turn the elevation adjustment clockwise.
- D. Turn the diopter adjustment clockwise or counterclockwise to adjust the focus as needed for shooter's vision. Do not turn past point of resistance.

V. OPERATION OF BDC CROSSHAIR

- A. The Bullet Drop Compensator (BDC) crosshair has been strategically designed to provide exceptional features while retaining simplicity in operation. The user does not need to make any manual adjustments between shots at different ranges. Ranging capability is built in to the BDC Crosshair.
- B. The figure below illustrates the BDC Crosshair and the horizontal hashes indicate increments of 100 meters. The top line of the crosshair is 100 meters all the way down to the bottom hash of 600 meters. The 4th and 6th hash are labeled indicating 400 and 600 meters.



Rendering of BDC Crosshair



Actual Photo of BDC Crosshair

VI. ZEROING THE SIGHT

- A. Adjustment increments are 1/4 inch MOA (minute of angle) at 100 meters. Each click of the elevation and windage knob will result in a 1/4" movement of the bullet placement at 100 meters, therefore four clicks will move the bullet one inch at 100 meters. MOA drop for each mark will depend on environmental conditions, weapon system, and type/weight of rounds being used.
- B. The BDC Crosshair is designed to be zeroed at 100 meters with the top crosshair (horizontal hash mark) being the point of aim. This is the most accurate method of zeroing the sight.

NOTE: If a 100 meter range is not available, the sight may also be zeroed at 25 meters if the 300 meter mark is used as the point of aim. A 25 meter zero is less precise than a 100 meter zero.

VII. MAINTENANCE & CARE

CAUTION: The sight is waterproof ONLY when the adjuster caps are firmly screwed on the scope. Take care not to apply undue pressure when installing the caps as they may become difficult to remove if tightened excessively. Be sure originals are in place and undamaged.

A. Care & Cleaning

1. Use provided microfiber cleaning cloth to clean the lenses.
2. Clean the exterior with a damp cloth as needed.

VIII. WARRANTY INFORMATION

ATIBAL's number one priority is exceptional customer service. ATIBAL warrants your sight to be free from defects in materials and workmanship for the lifetime warranty of your product. All costs that are associated with the product shipment will be incurred by the owner. ATIBAL products, to be refunded or replaced under the warranty service, must be returned in original packaging with original accessories and must include your completed Return Authorization Request Form.

This warranty does not cover defects caused by improper handling (**which includes stripping of screws and broken elevation and windage adjustments due to overturning**), installation or maintenance, abnormal use or unapproved alterations. ATIBAL shall not, in any event, be liable for any damages, including any lost profits, lost savings or any other incidental or consequential damages arising out of the use or inability to use such products. This warranty gives the owner certain legal rights, and possibly other rights, which vary from state to state.