

OWNER'S MANUAL

MROC
MODERN RIFLE OPTIC COMPONENT



ATIBAL
always on target

MROC

MODERN RIFLE OPTIC COMPONENT

PRODUCT OVERVIEW:

The ATIBAL 3x32 MROC (Modern Rifle Optic Component) features ultra clear glass and a generous field of view which greatly enhances target identification and acquisition. The MROC is a light-weight rugged, fast and accurate fixed 3 power magnified prismatic scope with an illuminated Chevron Bullet Drop Compensator (BDC). It is shock proof, waterproof and fog proof and comes with a Lifetime Warranty.

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.



SPECIFICATIONS:

MAGNIFICATION:	3X
OBJECTIVE LENS DIAMETER:	32mm
EYE RELIEF:	2.8 INCHES
FIELD OF VIEW:	37.7' @ 100 YDS.
FIELD OF VIEW ANGLE:	7.2°
BATTERY TYPE:	1x CR2
TURRET STYLE:	CAPPED TURRETS
ADJUSTMENT PER CLICK:	1/2 MOA
MAX ELEVATION ADJUSTMENT:	60 MOA
MAX WINDAGE ADJUSTMENT:	60 MOA
WEIGHT:	14.4 OZ.
LENGTH:	5.11 INCHES

**LIFETIME WARRANTY • LASER ETCHED RETICLE •
PARALLAX FREE @ 100 YDS • GENEROUS FIELD OF
VIEW • ILLUMINATED RED CHEVRON RETICLE W/ BDC •
6 BRIGHTNESS SETTINGS (2 NVG / 5 DAYLIGHT BRIGHT)
• FULLY MULTI-COATED LENS PROVIDING NO LESS THAN
85% LIGHT TRANSMISSION • CAPPED FINGER ADJUST-
ABLE TURRETS • WATER PROOF • SHOCK PROOF •
FOG PROOF**



**PLEASE OBSERVE ALL FIREARMS SAFETY RULES
WHEN HANDLING A FIREARM.**

MOUNTING INSTRUCTIONS:

The Atibal MROC 3x32 scope comes with a removable picatinny rail mount already installed. This rail mount will fit any MILSPEC picatinny rail system. Place the MROC on top of your rail system in your desired mounting position. The rail mount of the MROC should sit flush with the top of the picatinny rail. Hand tighten the thumbscrews of the MROC's mount and give an additional 1/4 turn to the thumbscrews to ensure that they stay tight on the firearm. Do not use tools or any sort of thread locking compound when mounting the MROC, and do not overtighten the scope mount, doing so can cause irreparable damage to your Atibal scope potentially voiding the warranty.

ESTABLISHING EYE RELIEF

The MROC 3x32 has a 2.8" eye relief. We recommend mounting your MROC towards the back of the upper receiver to accommodate for the short eye relief of the MROC. To establish eye relief, first affix your scope mount to the firearm in your desired position. Once the mount is secured position yourself behind the optic in your preferred shooting position with an adequate cheek weld. With a suitable shooting position established make necessary adjustments to the optic's position until a full sight picture is achieved, you do not want to see any black around the edges of the sight picture.

OPERATING INSTRUCTIONS:

BATTERY INSTALLATION

To Install the battery remove the cap of the battery compartment found on the right side of the optic. Install one (1) CR2 battery, positive(+) end toward the center of the optic and replace the batter cap.

RETICLE ILLUMINATION / BRIGHTNESS DIAL

The Atibal MROC 3x32 features an illuminated reticle with 6 brightness settings, reticle illumination is red. Brightness settings range from one (1) to six (6) with "off" positions between each setting; Settings 1 & 2 are night vision compatible and settings 3 thru 6 are daylight bright.

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

WINDAGE & ELEVATION ADJUSTMENTS

The Atibal MROC 3x32 has capped turrets with 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 MROC 3x32 windage and elevation dials are 1/2 MOA scale, so each click will move the strike of the round 1/2 MOA (about 0.57 inches) at 100 meters distance.

1 MOA SCALE REFERENCE (2 clicks on the MROC 3x32)

@100 meters 1 MOA = 1.14 inches

@200 meters 1 MOA = 2.28 inches

@300 meters 1 MOA = 3.42 inches

@400 meters 1 MOA = 4.56 inches

MAKING ADJUSTMENTS ON THE WINDAGE & ELEVATION DIALS

To make adjustments remove the cap from 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 the included allen key, remove the dial from the optic. To remove the adjustment dial insert the allen key in the head of the mounting screw, hold the dial in place to keep the turret from rotating as you loosen the mounting screw. Rotate the screw counterclockwise to loosen and clockwise to tighten. Rotate the dial face until the "0" lines up with the hash mark located on the right side of the scope. Replace the adjustment dial and tighten down the screw with the allen key, **DO NOT OVER TIGHTEN**. Once the dial has been secured in place replace the turret cap on the optic.

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 and centered through both the rifle bore and the scope.

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 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. Zero the MROC at 100 meters to ensure accuracy for the BDC. 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.

NOTE: The BDC is designed to be zeroed at 100 meters with the top of the chevron being the point of aim. This is the most accurate method of zeroing the sight. If a 100 meter range is not available, the sight may also be zeroed at 25 meters using the 300 meter mark on the BDC as the point of aim. A 25 meter zero is less precise than a 100 meter zero.

CLEANING

The Atibal MROC 3x32 requires very little maintenance to keep clean and operational.

Treat the lenses with the utmost care, the lenses on the Atibal MROC 3x32 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.

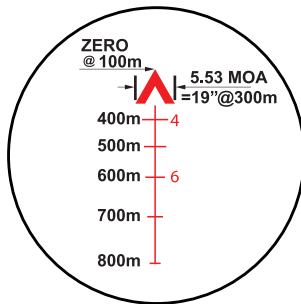
Always keep the turret caps on when not making windage and elevation adjustments. Do not attempt to disassemble the windage or elevation adjustment dials for any reason, as this can potentially void the warranty.

NOTE: The Atibal MROC 3x32 is only waterproof when the windage and elevation adjustment caps are installed and tightened sufficiently.

Wipe the scope body clean during normal routine weapons maintenance, use an aluminum safe cleaning solvent to remove build-up or grime.

ATIBAL MROC 3x32 RETICLE

THE ATIBAL MROC 3X32 RETICLE HAS BEEN CALIBRATED FOR 5.56 AMMUNITION. THE BULLET DROP COMPENSATOR IS DESIGNED SO THAT THE OPERATOR DOES NOT NEED TO MAKE MANUAL ADJUSTMENTS TO THE RETICLE WHEN SHOOTING AT VARIOUS DISTANCES AFTER THE OPTIC HAS BEEN ZEROED.



*For illustration purposes, not to scale.

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 WON'T FUNCTION PROPERLY.

- Ensure the dials 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 atibalsights.com

©2019 ATIBAL SIGHTS, LLC. ALL RIGHTS RESERVED. THE ATIBAL NAME AND ATIBAL TRADEMARKS ARE PROPERTY OF ATIBAL SIGHTS, LLC. REGISTERED IN THE U.S. ALL OTHER TRADEMARKS ARE THE PROPERTY OF THE RESPECTIVE OWNERS.

DESIGNED IN MESA, ARIZONA USA

ATIBALOPTICS.COM