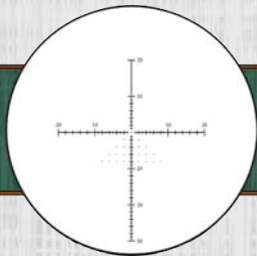


AZTEC

OPTICS

EMERALD
SERIES



Scope Owner's Manual



Congratulations!

You have just purchased one of the finest rifle scopes available. We hope you will enjoy using it!

Used properly, your Aztec Emerald Series scope will provide years of shooting pleasure.

Aztec Optics is committed to bringing the finest optics to the shooter at the best value and with all the greatest features. Each scope is made from high quality materials, and attention to detail is of the utmost importance. This quality is maintained with every component used, even including the box and packaging.

If you have any questions about this scope, email Aztec Optics at info@aztecoptics.com.



1. Determine The Correct Eye Relief For You.

CAUTION: BE SURE THAT THE RIFLE IS NOT LOADED. PRACTICE SAFE GUN HANDLING AT ALL TIMES.

Eye relief is the distance from the eyepiece lens to your eye at which the image completely fills the scope. It's different for everyone!

To determine the eye relief you require, set the gun in a solid rifle rest. Now mount the lower part of the rings loosely on the gun – firm enough to stay on but not so loose as to fall off. Put the scope on and set it on the highest power (as that's where eye relief is most critical).

Now put your head against the stock in your normal shooting position. Gently move the scope back and forwards until your eye relief is correct.

To confirm that the scope is in the right position, place your head in the shooting position with your eyes closed. Relax your head and neck, then open your eyes. If you move your head forward, the scope needs to come back. If you move your head back, the scope needs to go forward.

Finally check that the scope does not contact the rifle's moving parts (ie Bolt, Magazine, etc).



2. Tighten The Scope In The Rings.

Set the gun in a solid rest and make sure the gun is level. Now sight the scope on a plumb bob or the corner of a wall to get the crosshairs vertical. Align the scope crosshairs straight up and down.

Tighten all the top strap screws until they are just barely snug, with an even gap on the left and the right side of the scope. Now tighten each screw in an X pattern, one-eighth of a turn at a time.

Do four cycles of tightening on the front mount, then four cycles on the rear mount, then repeat as needed. Make sure you are maintaining an even gap from side to side as you complete your tightening cycles.



3. Focusing The Scope.

First focus the eyepiece to obtain a sharp reticle image. Hold the scope and look through the eyepiece at a white piece of paper. The reticle should appear sharp and well defined.

AZTEC Emerald Series scopes have a “fast focus” system so that you can easily obtain a sharp image of your target. This is on the left side of the scope. To make adjustments, rotate the side focus knob in either direction. If the focus of the reticle has improved but is not perfect, continue to rotate the knob in the same direction. If the condition has worsened, rotate the knob in the opposite direction.



4. Windage & Elevation Turret Operation.

Before adjusting either the windage or elevation turrets, you must first unlock them. This is done by pulling them out, so that they can rotate. The turrets can now be adjusted to sight the scope in. To lock the turrets, push them back down.

When a satisfactory zero is achieved, the turrets can be reset to zero. To do this, simply loosen and remove the screw on top of the turret, remove the turret from the scope and align the zero back to the mark and put the screw back in place.



5. Sighting In

Sighting in is the process of making sure that the crosshairs on the scope are pointed at the spot where the bullet hits.

Start with a large, clean target with a clearly-defined aim point at a known, close distance. Aim carefully at a precise point on the target and fire one shot. Look at where the shot hit...

- **If the shot is too low:** pull the elevation knob on the top of the scope up to unlock the knob and rotate it counterclockwise to raise the point of impact.
- **If the shot is too high:** unlock the knob and rotate the elevation knob clockwise to lower the point of impact.
- **If the shot is to the right** of the point of aim, pull the windage knob out to unlock it and rotate it clockwise to move the point of impact to the left.
- **If the shot is to the left** of the point of aim, unlock the knob and rotate the windage knob counterclockwise to move the point of impact to the right.



Fire another shot, look at where the shot hit, and adjust the elevation and windage knobs accordingly.

Make small changes at first until you get a sense for how changes in the sight settings affect the point of impact.

Once you have the scope sighted-in at close range, move back to a longer range and repeat the exercise. Now your scope is sighted in for your gun and the specific type of ammo you used for this exercise.

Be aware that different ammo will have different points of impact. This means you will need to repeat the sighting process if using a different type of bullet.

Be sure to lock the knobs by pushing them in after you have completed sighting in.

6. What NOT To Do When Adjusting Your Scope.

Don't use up all of the adjustment in any direction with either the elevation or windage turret. Using up all of the elevation can prevent proper windage adjustment; using all of the windage adjustment can interfere with proper elevation adjustment.

Put the scope back in optical center, then use the adjustments on the mount to get you pretty close to where you want to be zeroed, and use the elevation and windage adjustments on the scope to do the fine tuning.



7. How To Mount The Sunshade.

The supplied sunshade can provide improved image contrast in bright conditions. It can also prevent raindrops from landing on the objective (front) lens in inclement weather.

To mount the sunshade, first remove the flip-up cover on the objective end of the scope by sliding it off. Next, grip the thin ring at the objective end of the scope and rotate it counter-clockwise until it comes off. Finally, the sunshade can be screwed into place where the thin ring was by rotating it clockwise.

8. How To Mount The Sidewheel.

The sidewheel enables your AZTEC Emerald Series scope to be focused faster than by using the focusing knob.

To mount the side wheel, slide the hole in the large side wheel over the small side wheel knob on the left side of the scope. Use the small Allen wrench (supplied) to slide through the holes on the outer perimeter of the large side wheel (there are three) and tighten the three small Allen screws on the inner perimeter of the side wheel.



9. About The Reticle.

The DYND-1 (MOA) reticle is based on a minute of angle (MOA) sub tensions. (MOA measurements are based on degrees and minutes: 360 degrees in a circle 60 minutes in a degree for a total of 21,600 minutes.)

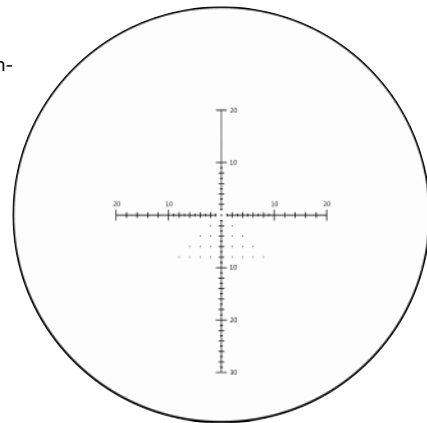
These angular measurements are used to estimate range and correct for bullet trajectory drop in a riflescope. 1 MOA will correspond to 1.05 inches at a 100 yard distance, 2.1 inches at 200 yards, 3.15 inches at 300 yards, and so on.

When shooting this scope, be aware the reticle is only true to this specification when the magnification is set to exactly 18x (where the first red line is).

The hash marks on the vertical line of the reticle can be used to holdover and holdunder for easy elevation changes on targets as different distances from the sight-in distance.

The hash marks on the horizontal line of the reticle can be used for rapid windage compensation in blustery conditions.

If more holdover is desired the scope can be adjusted to 9x (where the second red line is) for double holdover.



10. AZTEC Emerald Series Specifications.

	AZTEC Emerald 3-18x50	AZTEC Emerald 5.5-25x50
Magnification:	3 - 18 x	5.5 - 25x
Objective Diameter:	50mm	50mm
Tube Diameter	30mm	30mm
Length	13.25 inches	14.375 inches
Weight	24.2 ounces	25.4 ounces
MOA	1/4 inch	1/4 inch
Eye Relief	3.94 - 3.54 inches	3.94 - 3.54 inches
Field Of View	19.1 - 4.2 yards at 100 yards	19.1 - 4.2 yards at 100 yards
Parallax Adjustment	10 yards to ∞	10 yards to ∞
Reticle	DYND-1	DYND-1

11. AZTEC Gold Lifetime Warranty.

The AZTEC Gold Lifetime Warranty ensures that your AZTEC Emerald Series scope is warranted to be free of defects in materials and workmanship for the lifetime of the product.

We will repair or replace your AZTEC product in the event it becomes damaged or defective at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition.

Your AZTEC Gold Lifetime Warranty includes:

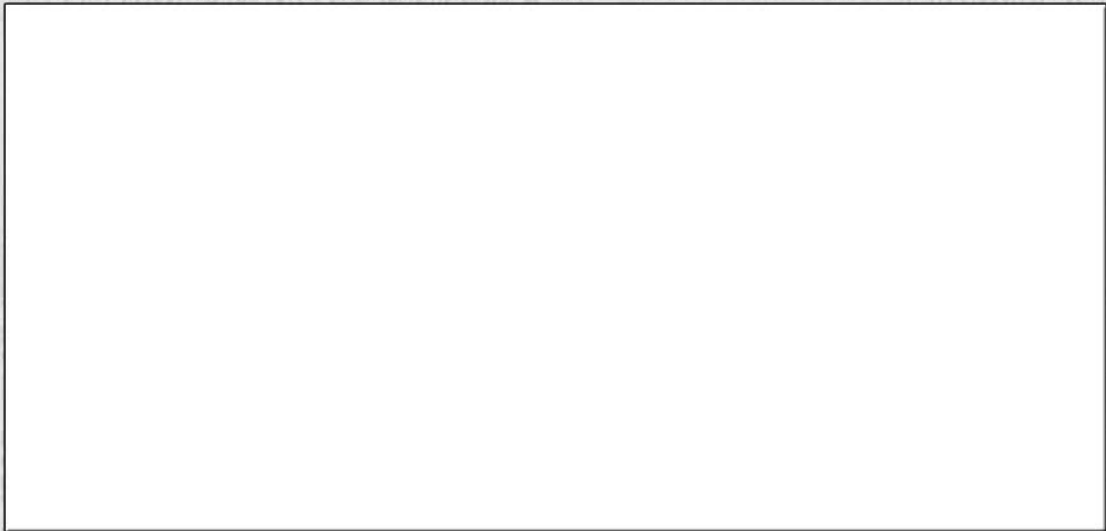
- Unlimited Lifetime Warranty
- Fully transferable
- No warranty card to fill out
- No receipt needed to hang on to

Note that the AZTEC Gold Lifetime Warranty does not cover loss, theft, deliberate damage or cosmetic damage that does not hinder the performance of the product.

To obtain warranty service, please email info@aztecoptics.com for return authorization.



Owner's Notes:



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