

MANTIS

Air Rifle Scope

3-9x32AO

3-9x40AO

4-12x40AO



Caution: Before mounting your scope, be sure to read carefully and follow the operating instructions from this manual. Be sure that your gun is not loaded before you attempt to install scope. Always follow safe gun handling procedures. It is your duty to obey all laws regarding the use and ownership of this scope.

- Always keep the muzzle pointed in a safe direction.
- Keep your airgun unloaded when not in use.
- Be sure of your target and what may be behind it.
- You and others with you should always wear eye and ear protection while shooting.
- Be sure to familiarize yourself with the airgun you are using.

Mounting

Proper mounting assures that the scope is aligned to the barrel and is rigged firmly in place for the best accuracy. Choose a good quality pair of 1-inch scope rings of the proper height for use with your scope. The rings need to fit onto a 3/8" (11mm) dovetail rail, weaver rail, or Picatinny rail depending on the type of rail you have on your rifle. Be sure that the scope can be mounted at the ideal location and is clear off the profile of the receiver and barrel. Sometimes you may need to remove your standard rear sight.

First, locate the desired mounting location for your particular gun. Loosen the base clamping screws at the bottom of the rings. Place the bottom of the rings onto the rail with the scope eyepiece facing towards the butt end of the stock, center it up on the rail, then tighten the ring clamp screws. Make sure the ring bottom is properly aligned with the rail and is fairly locked in place. Next, loosen the ring cap screws holding the top covers of the rings. Look through the scope and rotate and align the reticle lines vertically and horizontally. Move the scope back and forth to get a full sight picture from normal shooting position and get proper eye relief set up. The eye relief on this scope should be 3 inches or longer. Slightly tighten ring cap screws. Check the alignment and eye relief from shooting position before fully tightening the screws.

Fast Focus Ring

At the end of the scope eyepiece there is an eyepiece focus ring. Rotate the focus ring to focus the reticle to your eye. Adjust until both the reticle and target appear to be sharp.

Power Zoom Wheel

The power zoom wheel, when turned, allows a change in scope magnification from 3x to 9x (4x-12x in the case of the 4-12X40AO).

Adjustable Objective

The scope can be more precisely focused by rotating the adjustable objective. Use the yardage marks as reference when rotating the adjustment ring to eliminate parallax.

Power Zoom Wheel and Fast Focus Ring



Adjustable Objective



Sighting In

Always be sure to go to a shooting range to sight in and follow all safe gun handling procedures. Use a sand bag shooting rest to support the rifle and a target large enough to allow some room for errors. It is best if at the time of sighting in, the wind is calm.

Uncover the windage and elevation screws by taking off the screw caps. Both windage and elevation screws are finger adjustable and have click value of 1/4" at 100 yards (1/8" at 50 yards; 1/16" at 25 yards).



First, make sure the target area is clear and safe to shoot, and then fire 3 shots while carefully holding the center of the reticle at the same point on the target for each shot. Always maintain the horizontal line of the reticle at level. Measure the distance from the point you were aiming at to the center of the 3 shot group. This is how much you need to move point of impact of pellets to align the reticle. Arrows on the adjustment screws are for direction of the movement of the point of impact. Adjust until you hit at where the reticle is centered.

Care of the Scope

The scope is designed to give many years of good service under the most demanding conditions, but it does require proper care. The scope is waterproof and will not be harmed by rain, snow, and dampness, but it is best to keep the scope as dry as possible, and wipe any water off the scope and its lenses.

Keep the lenses clean and only wipe with proper lenses cleaning cloths. If oil or grease gets on the lenses, use photo lens cleaning solution to clean the lenses. Wiping the metal body of the scope with a lightly oiled cloth will protect the finish of the scope. Use lens covers to protect the lenses when not shooting.

Do not turn the windage and elevation adjustment screws beyond the stops as it will damage the adjustment screws. The scope is designed and made to take normal impact and recoil from shooting an air rifle, but if the scope is subject to hard impact, such as being dropped against hard surface, it is the best to test fire to assure it holds its point of aim.

Never take the scope apart beyond windage and elevation screw covers. Taking the scope apart will void the warranty.

Warranty

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable.

What is covered

Replacement parts and labor. Transportation charges to consumer for repaired product.

What is NOT covered

Transportation charges to Air Venturi for defective products. Damages caused by abuse or failure to perform normal maintenance. Any other expenses. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES OR INCIDENTAL EXPENSES INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Warranty Claims

Warranty claims for U.S. and Canadian Customers: Please return product to Air Venturi. Call Air Venturi at 216-292-2570 before returning any product.

Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF RETAIL PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

To the extent any provision of this warranty is prohibited by federal, state or municipal law which cannot be preempted, it shall not be applicable. This warranty gives you the specific legal rights, and you may also have other rights which vary from state to state and country to country.