

U S E R
MANUAL



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T H E B E S T N E V E R R E S T

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Proudly Presents

**RANGE
ESTIMATING
SCOPE**

**RETICLE
INTENSIFIED
SCOPE**

in the following series



ACCUSHOT®

Leadership Line

Top of the Line
Capturing Global Trends
Most Current Design
Most Advanced Technology



5TH GEN™

Flagship Line

Most Solid, Versatile Features
Complete Upgrade from Foundation
Best Value for the Money
Must-have for Hunting and Shooting



GOLDEN
IMAGE™

Foundation Line

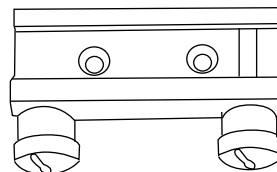
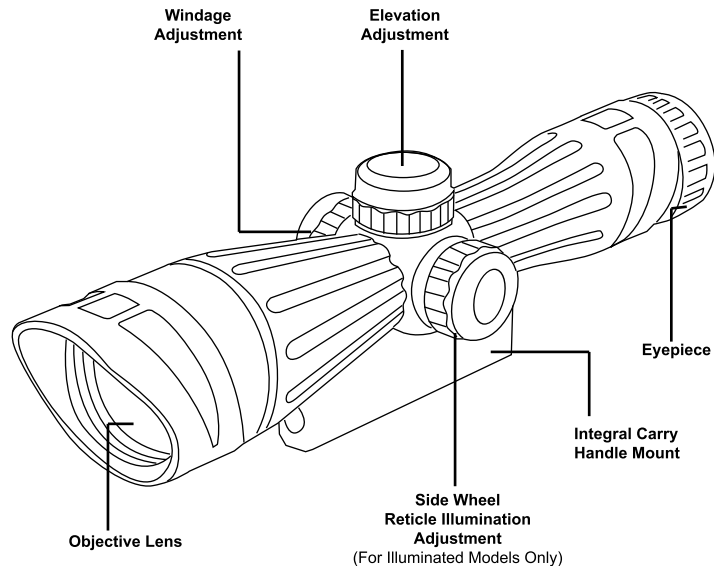
Most Rugged, Practical
Mature and Field Proven
Unique Features for
Unique Requirements



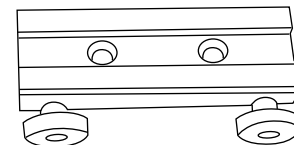
TOTAL SOLUTION TO YOUR NEEDS

-COMMITMENT TO BEST QUALITY, BEST VALUE AND BEST SERVICE-

RANGE ESTIMATING / RETICLE INTENSIFIED / ADJUSTABLE OBJECTIVE SCOPE



Flat Top Adaptor for Picatinny/Weaver Rail



Flat Top Adaptor for .22/Airgun Rail

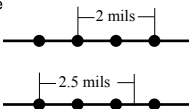
* Actual scope appearance may vary slightly from the diagram.

Major Features:

- » **Rugged One Piece Metal Injection Molded(MIM) Tube Construction for All Terrains/ Weather**
 - Precision machined to exact tolerances from aircraft-grade aluminum alloy.
 - Completely sealed and nitrogen filled to stop moisture ingress.
 - Perfect for all terrains and all weather conditions.
- » **Sealed Windage and Elevation Housing and Turrets**
 - Windage and elevation housing features machine plate controlled seals, to eliminate risk of water ingress and fogging.
 - Turrets are manufactured with easy to grip finger adjusting design, making adjustments simple even whilst wearing gloves.
 - Positive and precise click adjustment for accurate and consistent shooting.
- » **Multi Layer Lens Coating for Optimum Light Transmission**
 - Unique high tech coatings applied to lens elements ensure much better light transmission to optimize optical performance.
 - Multi layer coatings ensure maximum utilization of all ambient light to optimize resolution and clarity.
- » **Wide Field of View with Tactical Range Estimating Reticle**
 - Wide field of view and edge to edge lens clarity allow for picking up quarry clearly on the peripheral edge of the sight picture.
 - The precise range estimating reticle allows the shooter to estimate ranges and enhance accuracy.
- » **High Quality Precision Machined Parts**
 - Guarantees smooth and accurate operation and delivers consistent and reliable performance.
- » **Side Wheel Illumination Rheostat with Flexible Light Adjustment**
 - Third wheel easy-to-access illumination adjustment knob.
 - Illuminated reticle with adjustable intensity gives optimum reticle clarity in variable light conditions, increasing accuracy in daylight and twilight environments.

A. Range Estimating (For Models with Mil-Dot Reticle Only):

Regular mil-dot reticle found on the market usually has 4 dots on each direction of the cross hair, giving you 9 different aiming points for either windage or elevation. If you count the 2 inner tips of the opposite duplex cross hairs, you get 11 aiming points. Our own 24 Mil-Dot Reticle (TRE) has 6 dots on each direction of the cross hair, giving you 13 aiming points or 15 including the inner tips of the duplex cross hairs.



- Range estimating requires common knowledge/experience about your target's actual width or height.
- 1 mil in a scope reticle is the distance from the center of one dot to the center of the next dot.
- Set your scope at the proper power. View the target through the scope. Place the center of the dot against one edge of the target and measure to the opposite edge of the target.
- Once the target has been measured in mils, depending on the scope model, a formula is available to estimate the distance of the target. An example formula is provided here for explanation purpose. (Check the mil-dot card enclosed in your scope package to find the formula for your particular scope.)
For accurate range estimating the size of the target must be known.

$$\frac{\text{Height or Width of Target in Meters} \times 1000}{\text{Height or Width of Target in Mils.}} = \text{Range in Meters (1M = 1.0936 Yards)}$$

- Each model comes with its own formula and a pre-calculated mil-dot table of most used distance estimates to aid the user.

Note: For any other range estimating reticle, please refer to additional inserts in your package.

B. Focusing-Adjusting the Diopter

1. Look through the eyepiece at a featureless, flat and bright area such as a wall or open sky.
2. If the reticle image is not sharply defined, turn the eyepiece adjustment ring (in either direction) to adjust the image.

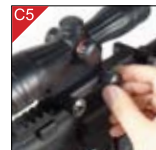
Note: Different individuals will have different eye focus which will result in different diopter setting. A person will use different diopter settings with or without eye glasses.

C. Mounting the Scope:



CAUTION: Always ensure your rifle is UNLOADED, UNCOCKED and, where fitted, the safety catch is applied before fitting the scope. Practice safe handling procedures at all times.

1. Firearm with Carry Handle:
 - 1) Place the integral mounting deck of the scope into the carry handle of your Firearm (Fig.C1).
 - 2) Align one of the holes on the mounting deck with the hole on the carry handle for best eye relief (Fig.C2).
 - 3) Insert the knurled thumb nut with the integral bolt through the O-ring and the hole selected from the underside of the carry handle and tighten the nut (Fig.C3).
2. Rifle with Picatinny/Weaver Flat Top:
 - 1) Attach the integral mounting deck of the scope onto the Picatinny Flat Top Adaptor with the supplied screws (Fig.C4).
 - 2) Place the assembled scope/flat top adaptor combo onto the Picatinny/Weaver flat top rail on your rifle and adjust for best eye relief position.
 - 3) Secure the combo by tightening the two thumb nuts on the side of the Flat Top Adaptor (Fig.C5).
3. Firearm with .22/Airgun Flat Top:
 - 1) Attach the integral mounting deck of the scope onto the .22/Airgun Flat Top Adaptor with the supplied screws (Fig. C6).
 - 2) Place the assembled scope/Flat Top Adaptor combo onto the .22/Airgun flat top rail on your rifle and adjust for best eye relief position.
 - 3) Secure the combo by tightening the two thumb nuts on the side of the Flat Top Adaptor (Fig. C7).



E. Zeroing the Scope:

The purpose of zeroing the scope is to ensure that the scope is aligned with the impact point of the pellet or bullet from the rifle.

1. Place a target 100 yards away. (35 yards for airgun scopes)
2. Ideally use a steady device such as a bipod or shooting stand, set the scope at the highest magnification, aim at the center of the target and fire a test shot, if safe to do so.
3. If the impact point of the pellet or bullet is exactly in the center of the target then the scope is zeroed. If it is not, you will need to adjust the reticle using the elevation and / or windage adjusters as follows:

- 1) Vertical Adjustment (Elevation) - Unscrew the protective cover on the top of the scope. Use your fingers to turn the adjusting knob as required. One click in either direction equals approximately 1/4 inch at 100 yards. Re-attach and tighten the protective cover.
- 2) Horizontal Adjustment (Windage) - Unscrew the protective cover on the right side of the scope. Use your fingers to rotate the adjusting knob as required. One click in either direction equals approximately 1/4 inch at 100 yards. Re-attach and tighten the protective cover.

Adjusters Example:
Appearance may vary



4. Having adjusted the windage and elevation as required, fire, if safe to do so, another test shot. Keep adjusting and test firing until the test shot impacts on the center of the target when the reticle is on the center of the target. This can seem a tedious process but is vital for accurate shooting.

Note: Since climatic conditions such as altitude, temperature, wind and rain can affect the pellets or bullets trajectory, you may experience some deviation in the exact settings during different shooting sessions.

Note: Each click of adjustment moves the impact point by the amount shown in the table below:

Inches of Movement per Click in Windage/Elevation					
	25yds	35yds	50yds	100yds	200yds
Model B	1/16	7/80	1/8	1/4	1/2

G. Adjusting Reticle Illumination (Optional):

Rotate the illumination adjustment control to adjust the intensity of illumination. The battery (included with the scope) is a coin style lithium battery. When replacing battery, remove the Battery Compartment lid and insert it with the positive (+) side facing up. there are tension springs inside the battery compartment lid. To ensure good contact with battery, adjust spring tension before replacing the lid.



H. Care and Maintenance:

1. Take care not to drop or knock the scope once it is zeroed.
2. Keep the protective lens covers in place when the scope is not being used.
3. Maintain the metal surface of the scope by removing any dirt or sand with a soft brush so as to avoid scratching the finish.
4. Wipe the lens with a clean flannel cloth to keep it clean and dry. In order to avoid scratching the glass, ensure both the lens and cloth are clean. Do not use finger or finger nail to touch/clean lenses.
5. Store the scope in a cool dry place when not in use. Be careful to avoid contact with acid, alkaline or corrosive chemicals.
6. Do not attempt to lubricate any part of the scope.
7. Do not disassemble the scope. Do not loosen or remove screws or parts. Any such or similar actions will void the warranty.

I. Limited Lifetime Manufacturer's Warranty

Warranty against material or workmanship defects applies based on the following conditions -

- Scope was purchased new. Evidence of purchase is required for warranty service.
- Scope was not disassembled, parts / screws not removed or loosened, and the scope was not tampered with in any way. Any evidence of such interference will void the warranty.
- Scope has not been abused, maliciously damaged or treated in a manner not in keeping with the purpose it was designed for.

For Warranty service, please contact the scope distributor and provide a written problem description to obtain a Return Authorization Number before returning the product for repair or replacement.