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AIMSPORTSINC.COM

GREEN LASER SCOPES

Quick Start Manual

THE 10 RULES OF GUN SAFETY

1. Always treat the gun as loaded.
2. Always keep the gun pointed in a safe direction.
3. Always keep your finger off the trigger until you are ready to shoot.
4. Always keep the gun unloaded until you are ready to use it.
5. Never point the gun at anything you don't intend to destroy.
6. Be sure of your target and what is beyond it.
7. Learn the mechanical and handling characteristics of the gun you are using.
8. Always use proper ammunition.
9. Be sure the barrel is clear of obstructions before loading and shooting.
10. Don't rely on the gun's safety to keep it from firing.

Warranty Form

If you experience any problems with our products return it, with this document enclose an explanation of the problem and mail it to:

AIM SPORTS INC.
1321 E. Chief Privado
Ontario, CA 91761

Item Number: _____

Purchased Date: _____

Dealer/Distributor: _____

Your Name: _____

Address: _____

City: _____

Phone: _____

Brief Remark/Description of Problem: _____

Return Authorization Number: _____

Warranty forms are also available online at aimsportsinc.com

AIM SPORTS INC. WARRANTY

LIMITED LIFETIME WARRANTY

The Aim Sports Inc. Limited Lifetime Warranty covers against defects in materials and workmanship. Aim Sports Inc. will replace or repair defective product(s) upon inspection by our technical staff. Defects or damage from abnormal use, improper storage, unauthorized modifications, unauthorized repair, misuse, neglect, abuse, alteration or improper installation will void the product(s) warranty and eligibility. Limited Lifetime Warranty covers item(s) purchased from an authorized dealer, within the first 90 days of ownership, with proof of receipt purchase (duplications only). Aim Sports Inc. will waive the \$10.00 shipping and handling fee for returned product(s). Returned items over 90 days of ownership or no proof of receipt purchase prior to 90 days, a \$10.00 fee will apply to cover shipping and handling charges. Make checks or money orders payable to: Aim Sports Inc.

RETURNING ITEMS

Before shipping item(s) back to Aim Sports Inc. a Return Authorization Number (RA#) must be obtained by calling Technical Assistance. All return item(s) must be received with RA#. There will be a delay in processing for all item(s) received without RA#.

IMPORTANT NOTICE!

DO NOT ATTEMPT TO SHIP YOUR PRODUCT BACK WITHOUT FIRST CONTACTING
OUR TECHNICAL ASSISTANCE:

Telephone: (855) ASK-4AIM
E-mail: RMA@aimsportsinc.com

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ABOUT US

Established in 2007, AIM SPORTS INC. first made its appearance in the firearm's accessory industry by doing private label production for several major manufacturers and retailers. During that period, AIM Sports began receiving requests from numerous dealers and distributors for access to the affordable, high quality products that Aim was capable of producing.

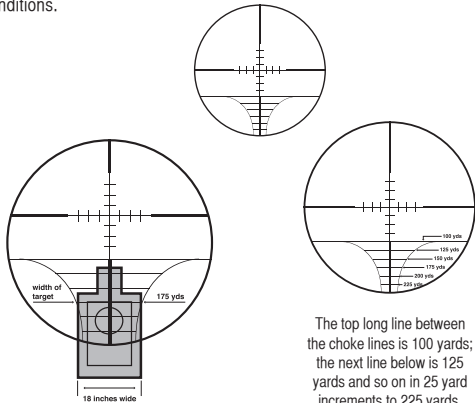
By soliciting feedback from both clients and end users, AIM was able to overcome the challenges a new company often faces when entering a global market and industry, especially one as competitive as the shooting, hunting, and outdoors industry. As AIM continues to grow and expand, it constantly works to improve and find better ways to develop new products that will surpass not only its own expectations, but also the expectations of the consumer.

AIM's Research and Development team, with over 10 years of experience, continuously strives to improve and develop new products for the company. AIM has expanded its original product line of optics, mounts, and accessories to include products designed to enhance a wide variety of firearms used by armed forces around the world, including some of the latest and most innovative platforms that firearms industry offers.

Customer service and constant dedication to its clients sets AIM SPORTS apart in the industry. Backed by a Lifetime Warranty, you can purchase and use AIM products with confidence.

RANGEFINDER RETICLE

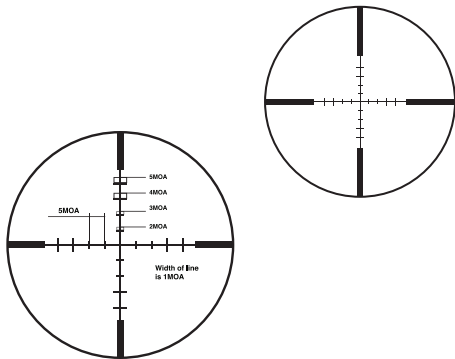
The Rangefinder Reticle is designed specifically to enhance a shooter's long range accuracy and ranging capabilities under a variety of field conditions.



The top long line between the choke lines is 100 yards; the next line below is 125 yards and so on in 25 yard increments to 225 yards.

P4 RETICLE

The P4 Reticle is designed specifically to enhance a shooter's long range accuracy and capabilities under a variety of field conditions. It is based on the principle that 1 Minute of Angle (MOA) is approximately 1" at 100 yards.



KNOW YOUR SCOPE

Riflescopes have become far more sophisticated over the years, but the four most basic parts have remained the same.

Workings from front to back are:

1. The objective lens (or front lens) is critical to a superior sight picture.
2. The internal erector lenses which rights the image.
3. The reticle, often referred to as the crosshair, provides the aiming point.
4. The ocular lens (or eyepiece lens) works with the other lenses to magnify the image, provide correct eye relief, and make diopter corrections.

HOW SCOPES WORK

As light passes through and beyond the objective lens, the resulting upside down image is sent to the internal lenses. Known as erector lenses, these internal lenses return the image to a right-side-up position. Finally, the ocular lens makes a final enlargement of that image and sends it on to your eye. Your AIM scope was designed, manufactured, and tested to ensure that, when properly mounted and sighted-in on your firearm, you will enjoy exceptional performance. A solid mount is critical to satisfactory performance of your scope. If you have problems or questions, please contact AIM Technical Assistance (see page 35).

SCOPE PARTS

(MODELS JSDG15532G-N & JSDG15532G)

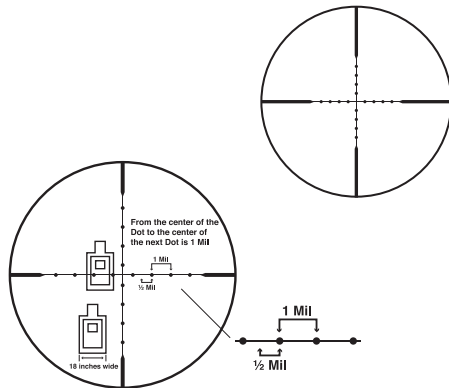
- | | |
|----------------------|-------------------------|
| 1. Objective Lens | 8. Laser on/off |
| 2. Elevation Turret | 9. Illumination Battery |
| 3. Windage Turret | Cap |
| 4. Illumination Dial | 10. Laser Battery Cap |
| 5. Tube | 11. Laser Adjustment |
| 6. Power Ring | Screws |
| 7. Ocular Lens | 12. Base Mount |

CAUTION

Always check and be certain that the firearm is unloaded before undertaking any work upon it.

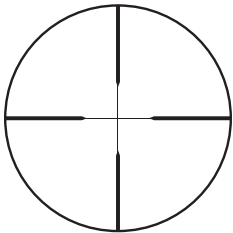
MIL-DOT RETICLE

The mil-dot reticle was designed to aid the US Marine Corps in estimating distances and is now standard for all military branches. With practice, it is a very simple system to use.



DUPLEX RETICLE

The Duplex Reticle is designed specifically to enhance a shooter's long range accuracy and ranging capabilities under a variety of field conditions. Mid-weight posts stand out against cover and thin crosshairs keep from obscuring your view of the target.



SCOPE PARTS

(MODELS JDG251040G, JDNG251040G, JDG251040G-N, JDNG251040G-N)

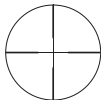
- | | |
|----------------------|-------------------------|
| 1. Objective Lens | 9. Illumination Battery |
| 2. Elevation Turret | Cap |
| 3. Windage Turret | 10. Laser Battery Cap |
| 4. Illumination Dial | 11. Laser Adjustment |
| 5. Tube | Screws |
| 6. Power Ring | 12. Base Mount |
| 7. Ocular Lens | 13. BDC Knob |
| 8. Laser on/off | |

CAUTION

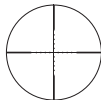
Always check and be certain that the firearm is unloaded before undertaking any work upon it.

AIM SPORTS RETICLES

A reticle is a grid or pattern placed in the focal plane of an optical instrument, used to assist in establishing scale or position of objects under observation. All AIM Sports reticles are designed to enhance a shooter's long range accuracy and ranging capabilities under a variety of field conditions. Most AIM Sports reticles are laser etched, ensuring a clear reticle in your field of view with no distortion. Below are a few of the reticles that are available through AIM Sports Inc.



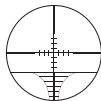
DUPLEX



MIL-DOT



P4



RANGEFINDER

SPECIFICATIONS

This Laser Product is designated as Class 3R during all procedures of operation.

"Laser Light-Avoid Direct Eye Exposure".

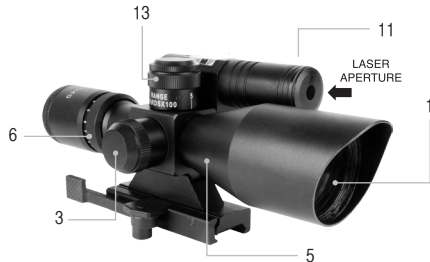
	JSDG15532G-N JSDG15532G	JDG251040G / JDG251040G-N JDNG251040G / JDNG251040G-N
MAGNIFICATION	1.5X-5X	2.5X-10X
TUBE DIAMETER	30 mm	30 mm
OBJECTIVE	32 mm	40 mm
EYE RELIEF	3.4" - 4.5"	3.3" - 4.7"
EXIT PUPIL	21.3 - 6.4 mm	16 - 4 mm
FOV (feet at 100 yds.)	71 - 21	32.5 - 8.9
MOA	1/2	1/2
FINISH	Matte Black	Matte Black
LENS COATING	Green	Green
BATTERY	CR2032, CR2	CR2032, CR2
LENGTH	8.25"	8.75"
WEIGHT	22.4 oz.	22.9 oz.



COMPLIES WITH FDA
PERFORMANCE
STANDARDS FOR
LASER PRODUCTS
EXCEPT FOR
DEVIATIONS
PURSUANT TO LASER
NOTICE NO. 50, DATED
JUNE 24, 2007



AIM SPORTS INC.
1321 E. CHIEF PRIVADO
ONTARIO, CA 91761
PROD #: XXXXX
LOT #: AIM13-XXXXX



SCOPE INSTALLATION

YOUR SCOPE IS DESIGNED TO MOUNT TO ANY
WEAVER / MIL STD PICATINNY 1913 RAIL

FOR SCOPES EQUIPPED W/ THUMB SCREWS (MODELS JSDG15532G-N & JDG251040G-N)

1. Loosen the thumb screws on the mount base, and place it on the rail where desired. Make sure the scope base is sitting flush on the rail, and is not canted.
2. Tighten the thumb screws by hand, and check the eye relief on the scope to ensure that the scope is mounted in the optimal position.
3. Using a standard screwdriver or a coin, complete the final tightening of the thumb screws to ensure that the scope is secure to the rail. Don't overtighten screws. You may use thread locking compound if desired in order to help avert loosening of the thumb screws due to recoil.

4. Be sure to use factory-loaded ammunition of the same bullet type, weight, and preferably, lot number. If one type of ammunition does not shoot well, try another brand or bullet weight.

5. Be certain that both the barrel and chamber are clean. Heavy factory grease or copper fouling in a barrel can diminish the accuracy of the firearm.

TROUBLESHOOTING TIPS

Before you ship a scope back to the factory for service or repair, please check the following items.

1. Check the mount. Make sure the scope is mounted securely to the rifle. Try, with bare hands only, to gently twist the scope in the rings or see if anything moves when you jiggle it. If there is any movement, re-tighten the mounting system according to mounting instructions.
2. Make sure the action of your rifle is properly bedded in the stock, and that all receiver screws are tight and have been tightened in the sequence recommended by the manufacturer. A loosely fitted stock can cause changes to the point-of-impact.
3. When test firing a rifle to check the point-of-impact relative to windage and elevation adjustments, be sure to fire from a solid bench with sandbags supporting the forearm and buttstock.

FOR SCOPES EQUIPPED W/ QUICK RELEASE MOUNT (QRM) (MODELS JSDG15532G, JDG251040G & JDNG251040G)

1. Move the QRM lever arm forward into the "open position." (*Fig 1*)
2. On the opposite side of the scope (left side if looking through the eyepiece) is a nut with an allen screw located in the center of the base. Remove the nut. (*Fig 2*)
3. Next, loosen the allen screw with the allen wrench provided. Do not remove. (*Fig 2*)
4. Place the scope onto any standard weaver/mil std. Picatinny 1913 rail in the desired location relative to your eye relief. Make sure the mount is flush to the rail and not canted.
5. Tighten the allen screw with the allen wrench until the screw is snug. Do not over tighten.
6. Attempt to close the QRM lever. It should be tight and not easy to close, but should not need to be forced. If it is too tight and difficult to close, slightly loosen the allen screw until you are able to close the QRM lever and the base is tight to the rail.
7. Once the base is securely mounted to the rail in the desired position, replace the nut over the allen screw and tighten with a standard wrench. This nut is to help prevent the allen screw from loosening due to recoil.



Figure 1: Move the QRM lever arm into the open position.



*Figure 2: Remove base mount nut and loosen screw.
Do NOT remove screw.*

SEALS

AIM scopes are sealed from within by several methods, including O-rings. All seals are permanent and require no maintenance.

SCOPE EXTERIOR

AIM scopes are made of rugged 6061-T6 aircraft aluminum alloy. No maintenance of any kind is required; simply wipe off any dirt or fingerprints that accumulate with a clean, dry cloth.

POWER SELECTOR RING (ON VARIABLE POWER SCOPE)

No Lubrication is ever required on the power selector ring. DO NOT LOOSEN OR REMOVE THE HEX-HEAD SCREW IN THE POWER SELECTOR RING.

ADJUSTABLE OBJECTIVE/SIDE PARALLAX DIAL

No lubrication is required.

AIM MEANS MINIMAL MAINTENANCE

AIM scope lenses are coated to reduce light reflections and light scattering, thus increasing light transmission through the scope. They should be cleaned as carefully as you would a camera lens. Begin by using a lens brush to remove dust and then pure alcohol, high-grade glass cleaner or pure water on a cotton swab.

WINDAGE/ ELEVATION ADJUSTMENTS

These adjustments are permanently lubricated. There is no need to lubricate them. Keep the turret caps on, except when adjusting, to keep out dust and dirt. (It's worth noting that, unlike competitive brands, AIM scopes are waterproof even without the caps in place.)

EYEPIECE ADJUSTMENT

This adjustment is permanently lubricated. There is no need to lubricate it. The eyepiece can be rotated as far as it will go in either direction. It will not detach from the scope as there is an internal lock ring.

FOCUSING RETICLE

Secure the scope and firearm in a firm rest. Safely point the scope at a light colored background object. With the scope approximately four inches from your eye the reticle should appear sharp and crisp; if it does not, it is necessary to adjust the focus by means of the eyepiece.

If your AIM scope is one of our models with an eyepiece that has a lock ring, follow these simple steps:

1. Grasp the eyepiece with your hand and back it away from the lock ring. Once the lock ring is free from the eyepiece, turn it clockwise away from the eyepiece to keep it out of the way during the adjustment.
2. If you tend to hold things away from yourself to see them clearly (you are farsighted) turn the eyepiece counterclockwise a couple of turns. If you hold things close to yourself to see them clearly (you are nearsighted) turn the eyepiece clockwise a couple of turns.
3. Looking through the scope when pointed at the sky, take a few quick glances at the reticle. The focus of the reticle should be noticeably different from when you started. Continue this process until the reticle appears clear and sharp.
4. When you are satisfied with the image of the reticle, turn the lock ring so that is resting firmly against the eyepiece.

ADJUSTING LASER

To adjust the windage and elevation on the laser attached to the scope, note the position of the windage and elevation allen screws located on the laser (*Fig 1*). An allen wrench is provided to use to make the necessary adjustments. The screw on the top of the laser body adjusts elevation, and the screw located on the side of the laser body controls windage.

1. In order to move the laser up and down (elevation), insert the allen wrench into the top screw.
2. Turn the screw clockwise to move the laser down.
3. Turn the laser counter clockwise to raise the laser up
4. To adjust the windage to the left, insert the allen wrench into the screw and turn it counter clockwise.
5. To move the laser to the right, turn the allen wrench clockwise.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

FOR SCOPES MODELS JSDG15532G-N & JSDG15532G

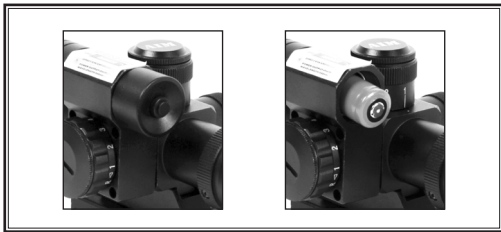
1. Make sure the laser is off, and unscrew the battery cap located at the front of the battery compartment under the laser. You may need to use a coin or standard screwdriver to loosen the cap.
2. Remove the 3v cr2 battery.
3. Replace with a new battery, positive side facing the battery cap.
4. Screw the battery cap back on, and activate the on/off switch to check function of laser.



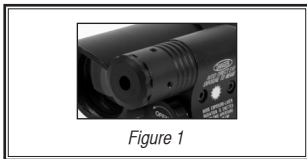
CHANGING LASER BATTERY

FOR SCOPES MODELS JDG251040G-N, JDG251040G, AND JDNG251040G

1. Make sure the laser is off, and unscrew switch cap on the laser module.
2. Remove the 3v cr2 battery.
3. Replace with a new battery, positive side facing the switch cap.
4. Screw the switch cap back on, and activate the on/off switch to test.



6. If your scope has been zeroed prior to these steps to the desired distance, you may look through the eyepiece and move the laser to the point desired relative to the reticle crosshairs.



ADJUSTING WINDAGE AND ELEVATION

The style of elevation and windage adjustments on AIM riflescopes varies with specific models. Each, however, is clearly marked in easy to read increments. If, for example, there are four hash marks from zero to (and including) the number one on an adjustment knob, then the value of each increment of adjustment on that knob is 1/4-MOA. It is the same with all AIM adjustment dials. One-MOA moves the point of impact at 100 yards by 1inch. At 100 meters, it moves 25mm.

The letters found on the windage and elevation dials refer to the direction that the point of impact of the bullet is moved when an adjustment is made.

ADJUSTING ELEVATION

1. Unscrew the cap located on elevation dial (located on top of scope) to expose the elevation adjustment dial. Make sure the BDC dial, if applicable, is located at #1. (Fig 1)
2. Turn the dial counter clockwise (noted on the dial as up with an arrow pointing to the left) in order to raise the elevation/point of impact. (Fig 2)
3. Turn the dial clockwise to the right to lower the elevation.
4. Replace the cap to protect the dials from being moved out of alignment.



Figure 1



Figure 2

This can be done in two ways:

- a. Grasp the edges of the battery between the thumb and forefinger and lift it free of the dial.

OR

- b. Turn the scope so that the illumination dial faces downward and gently tap the eyepiece against the edge of your palm.

3. Insert the new battery, positive (+) side up.
4. Replace the battery cover on the illumination dial and turn it clockwise until it is secure while holding the sides of the illumination dial to keep the entire dial from turning.

Replacement 3-volt lithium batteries:

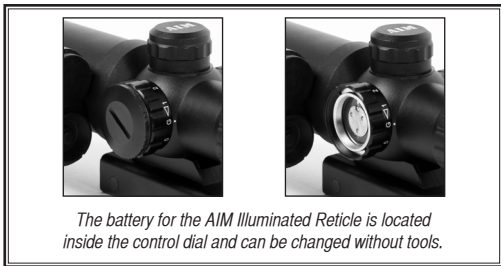
AIM Sports	CR2032
Duracell	DI1/3N
Eveready	2L76
Kodak	K58L
Varta	CR1/3N
Sanyo	CR1/3N

There may be other lithium batteries that are acceptable with your AIM Illuminated Reticle scope. Check with your local retailer for other options.

CHANGING SCOPE BATTERY

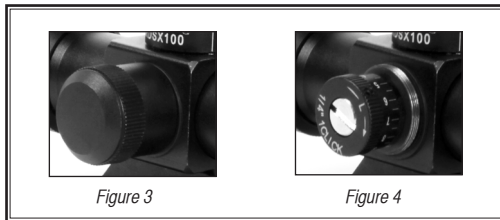
All AIM Illuminated Reticle scopes use a 3-volt lithium photo battery.

1. Remove the battery cover by grasping its edge (located around the top of the illumination dial) and twisting the cover counterclockwise while holding the sides of the illumination dial to keep the entire dial from turning.
2. Remove the old battery from its position in the center of the dial.



ADJUSTING WINDAGE

1. Unscrew the cap covering the windage knob. (*Fig 3*)
2. Turn the knob clockwise to the right (noted on the knob face with an L and an arrow pointing to the right) to move the windage/point of impact to the left. (*Fig 4*)
3. Turn the knob counter clockwise to the left to move the windage/point of impact to the right.
4. Replace the cap to protect the knob from being moved out of alignment.



CENTERING WINDAGE / ELEVATION ADJUSTMENTS

Making windage and elevation adjustments moves the entire erector system horizontally and vertically inside the scope. If the erector system is off to one side – as a result of having been mounted on a non-adjustable mount – the adjustments won't provide equal travel in all directions. To regain full balanced travel, you must re-center the adjustment as follows:

1. Turn the windage adjustment to the point that it stops moving.
2. Counting the clicks or hash marks, turn it all the way in the other direction.
3. Turn the dial back half the amount of clicks or hash marks counted.
4. Repeat this process for the elevation adjustment

MICROMETER-STYLE ADJUSTMENTS

AIM Target, Hunting, and Tactical scopes have micrometer-style windage and elevation adjustments. A click for each adjustment division can be both heard and felt so adjustments to the scope can be made without looking at the dials.

To illuminate the reticle:

1. Grasp the illumination dial located on left side of scope, when scope is pointing down range.
2. Turn the dial clockwise from the OFF position to the first number indicated on the dial.
3. View the target through the scope to determine if the reticle is bright enough to stand out clearly against the target.

To preserve the life of the battery, always remember to turn the illumination dial to the OFF position when the scope is not in use. For prolonged storage, remove the battery.

If the reticle fails to illuminate or appears dim even on the highest illumination setting, it is necessary to change the battery.

WARNING: *Always check to ensure that the firearm is unloaded before changing the battery in the scope.*

ILLUMINATING THE RETICLE

All AIM Illuminated Reticle scopes may be used in either the standard or the illuminated state. When not illuminated, the reticle performs the same as the reticle in a standard AIM scope. Illuminating the reticle allows a better distinction to be made in poorly lighted conditions between the target and the precise position of the aiming point.



The control dial for the AIM Illuminated Reticle is located on the left side of scope

BULLET DROP COMPENSATOR

(MODELS JDG251040G-N, JDG251040G, &JDNG251040G)

Your scope is equipped with a BDC (bullet drop compensator) feature that allows you to switch target distances with a simple twist of the knob. The BDC feature is specifically calibrated for a 55gr .223 Rem. Bullet, and is designed to facilitate rapid ranging in 100 yard increments.

Once you have zeroed your windage and elevation at 100 yards, with the BDC set on #1, you may increase your ranging to 200 yards by simply turning the knob counter clockwise to the left to the #2 on the knob. You may repeat this process for other distances up to the #5, which designates 500 yards.

NOTE: Due to variables in weather conditions and ammunition manufacturer specifications, you may need to "fine tune" the BC by adjusting your normal windage and elevation dials to your specific weapon and ammunition to achieve optimal performance.

ABOUT VARIABLE POWER

AIM variable power scopes allow you to select from a range of magnifications to suit your particular rifle, cartridge, and shooting needs.

Warning: *Do not loosen the screw in the power selector ring. Doing so will release the internal gas that keeps the scope fog free. Loosening the screw will also disconnect a pin that controls the internal operations, causing other problems that would require factory repairs. Do not lubricate the power selector ring; doing so is unnecessary.*

All variable power scopes have a power selector ring in front of the eyepiece assembly. Turn the ring to align the number indicating the desired magnification with the indicator on the body scope.

Scopes that are equipped with reticles such as the Rangefinder reticle or a BDC (Bullet Drop Compensator) turret allow the shooter to manually set a reference point of impact based on the current trajectory of the bullet. However, it is important to note that scopes that have the rapid ranging reticles or a BDC may require fine tuning to achieve maximum precision. Factors that the shooter must take into consideration when using these features are bullet weight, powder load, ammunition manufacturer, and general shooting conditions.

UNDERSTANDING PARALLAX

Parallax is the apparent movement of the target relative to the reticle when you move your eye away from the center point of the eyepiece. It occurs when the image of the target does not fall on the same optical plane as the reticle. This can cause a small shift in the point of aim.

Maximum parallax occurs when your eye is at the very edge of the exit pupil. (Even in this unlikely event, our 4x hunting scope focused for 150 yards has a maximum error of only 8/10ths of an inch at 500 yards.)

At short distance, the parallax effect does not affect accuracy. (Using the same 4x scope at 100 yards, the maximum error is less than 2/10ths of an inch.) It is also good to remember that, as long as you are sighting straight through the middle of the scope, or close to it, parallax will have virtually no effect on accuracy in a hunting situation.

ABOUT FIXED PARALLAX DISTANCE SCOPES

Any fixed focus optical system can be adjusted to be parallax free at only one distance. Most AIM scopes are adjusted at the factory to be parallax free at 150 yards. AIM 2.5x scopes are set to be parallax free at 100 yards.