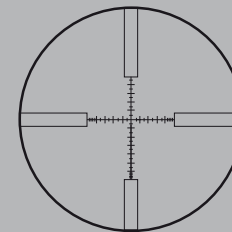




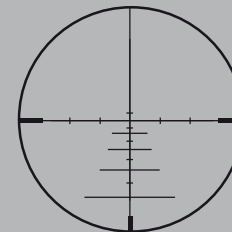
EMPIRE RIFLESCOPES



KONUS[®]
Optical & Sport Systems



1/2 Mil-Dot



550 Ballistic





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EN RIFLESCOPES INSTRUCTIONS

FOCUSING:

While holding the scope about three or four inches (5 or 9 cm) from your eye, quickly glance through the eyepiece at a featureless, flatly lit bright area such as a wall or open sky.

CAUTION: VIEWING THE SUN CAN CAUSE SERIOUS EYE INJURY, NEVER LOOK AT THE SUN WITH THIS PRODUCT OR EVEN THE NAKED EYE.

If the reticle is not sharply defined instantly, loosen the eye bell locking ring. Turn the eyepiece (either direction) a few turns. Quickly glance through the scope again. If the focus has improved, but is still not perfect, continue focusing. If the focus condition became worse, turn it the opposite way. When the reticle appears in sharp focus, you can use the scope.

MOUNTING:

Position the rifle scope on the blocking rings (these can be bought easily). Separate the tops of the rings from the bottom portion. Replace the tops, but don't tighten. Push the scope as far forward as it will go. Rotate the scope so that the elevation turret is on top. Shoulder or bench rest the rifle and pull the scope back toward you until you see the full field of view. Check altitude of the reticle. The vertical and horizontal components should be aligned with the bore axis.

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When the scope is properly positioned and the reticle aligned with the bore axis, tighten the ring tops, be careful not to tighten the screws to such an extent that you risk damaging the riflescope.

CAUTION: BE SURE GUN IS NOT LOADED. USE SAFE GUN HANDLING PROCEDURES AT ALL TIMES.

ALIGNEMENT:

To bore sight, remove the bolt from the bolt action gun (open other types). Rotate the parallax correction wheel located on the left side of the riflescope to the distance of the target, and set the zoom to mid power. Rest the rifle on a steady support. Look through the bore, from the breech (for actions other than bolt, you will need a small mirror positioned in the ejection port and tilted so you can see through the bore) Move the stock to center the target in the bore. Without disturbing the rifle, adjust Windage and elevation turrets to center the reticle on target. Your riflescope has been implemented with "lockable" Windage and elevation adjustments. To sight in your riflescope, loosen the locking mechanism on the top of each turret in a counterclockwise direction. To raise the point of impact, turn the elevation turret (located on top of the riflescope) counterclockwise. To shift left, turn the Windage adjustment turret (located on the right side of the riflescope) clockwise. If large amounts of Windage and elevation adjustments are needed to bore sight, make about half of the required elevation change, then about half of the Windage. Finish by applying the balance of elevation correction and then Windage. Once zeroed in, loosen the allen screws on the turrets with the allen wrench (included), and turn them to "0". This will allow you to make easy adjustments in the field, always counting from zero. Re-tighten the allen screws and re-tighten the



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locking mechanisms to secure the turrets will not accidentally be moved in the field. Those who have regulating rings for the drift angle can make all necessary changes and then complete the operation by means of the system incorporated in the telescopic sight.

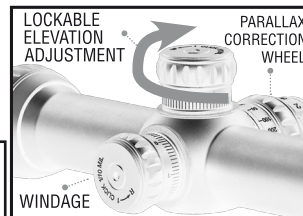
ZEROING:

CAUTION: ALL SHOOTING SHOULD BE DONE AT AND APPROVED RANGE OR OTHER SAFE AREA. EYE AND EAR PROTECTION IS RECOMMENDED.

DANGER: If you used a bore sighting collimator or any other bore obstructing device, remove it before proceeding. If the barrel has been drilled for a mount, check that screws do not protrude into the bore. Do not fire live or even blank ammunition with an obstructed barrel. An obstruction can cause serious damage to the gun and possible personal injury to yourself and other nearby.

Set zoom models to highest power, parallax correctable models to 100 yards (91 metres) setting. From a steady rest position, fire three rounds at a 100 yards (91 metres) target. Observe bullet strike on the target and adjust windage and elevation screws as needed to correct aim.

NOTE FOR 1/4 M.O.A. RIFLESCOPES: Each click of adjustment changes bullet strike by the amount shown on the chart below.



WINDAGE/ELEVATION (INCHES OF MOVEMENT PER CLICK)

50yds (46m)	100yds (91m)	200yds (183m)	300yds (274m)
1/8" (3mm)	1/4" (6mm)	1/2" (13mm)	3/4" (19mm)

NOTE FOR 1/10 MIL RIFLESCOPES: Each click of adjustment changes bullet strike by 1/10 Mil. The target. The target turrets provide precise Mil-Radian angular units of measure for both windage and elevation an ideal interface with your Mil Dot reticles. Adjustments are calibrated in 1/10 Mil. Click values and 5.0 mil per revolution, allowing an easy return to zero.

5 CLICKS = 1/2 MIL • 10 CLICKS = 1 MIL

When you have finalized zeroing, replace windage and elevation caps.

ILLUMINATED RETICLE OPERATION:

The electronic reticle can be adjusted for varying degrees of illumination depending on the current lighting conditions. This is done by turning the rheostat control knob located on the top of the eyepiece. Turning the indicator switch to 1 will provide the least amount of illumination, while turning to number 5 will provide the brightest illumination. Typically, the darker the lighting conditions outside, the lower the illumination should be within the scope. This will prevent light scatter. Your rifle scope has been equipped with the latest illumination technology. The subdued blue/red illumination will provide a clear view of the reticle against any background, while not creating a relaxed, less strained view for the eye.





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PARALLAX CORRECTION:

To be truly parallax free, the target image must be focused onto the reticle. This condition can only be met at the range for which the scope is focused. Targets that are either nearer or further away will cause parallax, which is seen as an apparent movement of the reticle against the target. This small amount of parallax for general hunting purposes at normal distances is not much concern. However, for precision shooting and long range shooting, parallax is not tolerable and can be eliminated at all distances with the parallax correction wheel. Simply rotate the parallax wheel located on the left side of the riflescope to the desired distance setting. You can also look through the riflescope at your target while simultaneously turning the parallax wheel. Once the target is precisely in focus, you are parallax free.

MAINTENANCE OF THE RIFLESCOPE

Your riflescope is shockproof and waterproof. However you should never try to take it apart or clean it internally. If your scope ever does need repairs or adjustments, it should be returned to the authorized dealer. The exposed optical surface will perform their best if they are occasionally wiped clean with the lens cloth provided or with an optical quality lens paper like those for eyeglasses or camera lenses. Keep the protective lens covers in place when the scope is not being used. Maintain the metal surfaces of your riflescope by removing any dirt or sand with a soft brush so as to avoid scratching the finish. Wipe down the scope with a damp cloth and follow with a dry cloth. Finally going over the tube with a silicone treated cloth will restore luster and protect the scope against corrosion. Be careful not to touch any of the lenses with the silicone cloth.

KONUS BALLISTIC RETICLE: The ballistic reticle is designed to give hunters several aiming points that

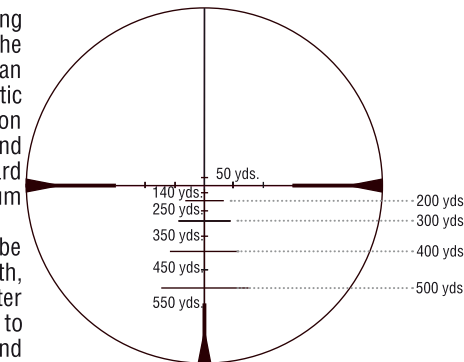
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are useful for shooting at different ranges. Each of these aiming points corresponds to a different distance and is based on the most popular centerfire and black powder loads. The user can sight-in at 100 yards on any magnification setting, but the ballistic reticle is intended to work with precision when the magnification of the scope is set to the correct power (9x on a 3-9x40mm and 16x on a 4-16x50mm). This is the power that provides a 50 yard increment with each subsequent aiming point, up to the maximum range of 550 yards.

It must however be noted that the ballistic performance can be affected by various factors (weather conditions, barrel length, powder type, etc.) and so it is recommended that the shooter takes the time to do his own testing at the range in order to determine how the reticle actually works with the firearm and cartridge that are being used.

HOW TO USE THE RETICLE

- 1) Sight in at 100 yards regardless of the magnification setting.
- 2) Determine the distance to target.
- 3) Refer to the appropriate aiming point according to the distance to target, as shown in the picture.





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MODIFIED 1/2 MIL-DOT RETICLE:

In the new reticle three lines are 1 mil (milliradian) apart from one another. Two lines correspond to half Mil. 1 mil equals 3.6" (9.1cm) @ 100 yards (m). Thus, using a standard formula, these reticles provide highly accurate ranging to your target. Modified Mil dot reticles are particularly useful when shooting at moving targets or with a strong cross wind.

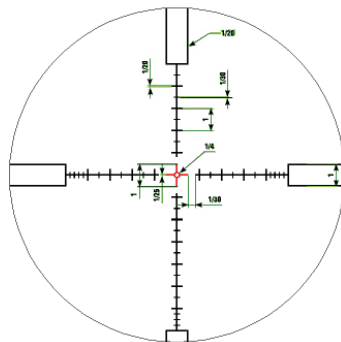
M.O.A.*	MILS
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*Minute of angle = 1" (2.5cm) at 100yds (m).

ANTI-CANTING BUBBLE SYSTEM:

Precision at long range requires a tilt-free (anti canted) position of the firearm. These riflescopes have an anti-canting level bubble built right into the riflescope to provide instant correction of a canted rifle. While looking through the eyepiece, simply align the bubble through the center lines of the tube, and your level. The phosphorescent formula allows the anti-canting bubble system to be easily viewed with or without illumination.

SUNSHADE: Some models include a removable 4" sunshade. To help reduce glare and enhance contrast in bright conditions, simply screw the sunshade onto the objective lens (opposite end from the eyepiece) until secure.



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INSTRUCTIONS POUR L'UTILISATION DE LA LUNETTE DE FUSIL

MISE AU POINT:

En tenant l'instrument entre 5 et 9 cm. de l'oeil, regarder à travers l'oculaire en le dirigeant vers une zone bien lumineuse et sans ombre, comme un mur par exemple.

ATTENTION - L'OBSERVATION DIRECTE DU SOLEIL PEUT PROVOQUER DE GRAVES DOMMAGES A LA VUE. NE JAMAIS REGARDER LE SOLEIL A TRAVERS LA LUNETTE A L'OEIL NU.

Pour voir un réticule bien défini, desserrer le collier de blocage de l'oculaire, faire faire 2 tours à l'oculaire et regarder à nouveau à travers. Quand le réticule apparaît bien au point; serrer à nouveau le collier de blocage.

MONTAGE:

Positionner la lunette sur les anneaux de blocage (disponibles dans le commerce). Appuyer le fusil contre l'épaule ou le plan de travail et déplacer la lunette vers la crosse, jusqu'à ce que vous voyiez un champ visuel complet. Contrôlez que les composants verticaux et horizontaux à mi-instrument sont alignés dans l'axe



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