

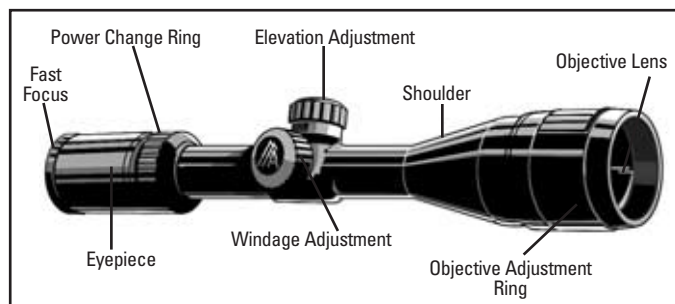
# ALPEN® KODIAK™ Riflescope

## Instruction Manual

Congratulations on your choice of an Alpen® riflescope. It is a precision instrument constructed of the finest materials and assembled by highly skilled craftsmen for a lifetime of trouble-free use under the most demanding conditions.

This manual will help you achieve optimum optical performance by explaining how to use various features and how to care for your scope.

The following photographs are guides to the nomenclature and location of the riflescope parts mentioned throughout the manual.



### EYEPIECE FOCUSING

The eyepiece is designed to provide a precise fast focus. The eyepiece will focus faster than your eye can compensate for any inaccuracy in your adjustment.

Look at a distant object for several seconds without using your scope. Then, shift your vision quickly, looking through the scope at a plain background. Turn the fast-focus eyepiece clockwise or counter clockwise to adjust to your eyes. The reticle pattern should be sharp and clear before your eye can refocus. After you have made your adjustment, with a quick glance re-check the image.

**WARNING:** NEVER LOOK AT THE SUN THROUGH THE RIFLESCOPE (OR ANY OTHER OPTICAL INSTRUMENT). IT MAY PERMANENTLY DAMAGE YOUR EYES.

### RETICLE CENTERING

The reticle was carefully set at the optical center of your riflescope at our factory. This setting provides you with the ideal adjustment range from the center position. The riflescope adjustments are used to zero-in the riflescope.

It is wise to check the center of the optical axis before mounting. Do this by placing the scope in a solid V-block (cardboard box with two slots). While looking through the scope in a normal viewing position, carefully rotate the scope. If the target moves in a circle larger than 1" from center (at 25 yards) in relation to intersection of cross hairs, reset windage and elevation adjustments. Remove adjustment caps. Set each adjustment to midpoint and recheck for centering. If target still rotates, use adjustments to correct.

### MOUNTING

To achieve the best accuracy from your rifle, your Alpen® scope must be mounted properly. (We strongly recommend that those unfamiliar with proper procedures have the scope mounted by a qualified gunsmith). Should you decide to mount it yourself:

1. Use a high-quality mount with bases designed to fit your particular rifle. The scope should be mounted as low as possible without touching either the barrel or the receiver.
2. Carefully follow the instructions packed with the scope mounts you have selected.
3. Before tightening the mount rings, look through the scope in your normal shooting position. Adjust the scope (either forward or backward) until you find the furthest point forward (to ensure maximum eye relief) that allows you to see a full field of view.

**WARNING:** IF THE SCOPE IS NOT MOUNTED FAR ENOUGH FORWARD, ITS REARWARD MOTION MAY INJURE THE SHOOTER WHEN THE RIFLE RECOILS.

4. Rotate the scope in the rings until the reticle pattern is perpendicular to the bore and the elevation adjustment is on top.
5. Tighten the mounting screws.

### BORE SIGHTING

Bore sighting is a preliminary procedure to achieve proper alignment of the scope with the rifle's bore. It is best done using a professional Bore Sighter. If a bore sighter is not available, it can be done as follows: Remove the bolt and sight through the gun barrel at a 100 yard target. Then sight through the scope and bring the cross hairs to the same point on the target. Certain mounts have integral windage adjustments and, when bore sighting, these should be used instead of the scope's internal adjustments. If major elevation adjustments are needed, they should be accomplished by shimming the mount base.

### ADJUSTABLE OBJECTIVE LENS

This feature (if present on your scope) permits precise focusing, while simultaneously readjusting the parallax-free distance, for any range from 50 yards to infinity. To change range focus, turn the Objective Adjustment Ring and align the number with the distance index dot. An alternative method is to look through the scope and turn the Objective Adjustment Ring until the target, at whatever range, is sharply focused.

### ELEVATION AND WINDAGE ADJUSTMENT

All Alpen® Kodiak™ scopes feature the unique finger-adjustable audible-click elevation and windage adjustments designed for easy use.

1. Remove the covers from the Elevation and Windage Adjustments.
2. Grasp the Finger Adjustment Tab and turn it in the appropriate direction indicated by the arrows. Each "click" or mark on the Adjustment Scale Ring will change bullet impact by 1/4 inch. **Minute of Angle:** 1/4" MOA corresponds to 1/4 inch at 100 yards. 1/8 MOA corresponds to 1/8 inch at 100 yards. (6-24x50 models have 1/8" MOA clicks)



WINDAGE ADJUSTMENT



ELEVATION ADJUSTMENT

### RESETTING THE ADJUSTMENT SCALE RING

This step is not necessary, but, for future reference, you may want to realign the zero marks on the Adjustment Scale Rings with the index dots.

1. Using a jeweler's screwdriver, loosen the Phillips screw on the Adjustment Scale about 1/2 turn. Take care not to disturb your zero by "losing" a click or two when loosening the screws.
2. Rotate the Adjustment Scale Ring (which should now turn freely) to align the "0" with the Index Dot.
3. Retighten the screw in the Adjustment Scale and reinstall the Elevation and Windage Adjustment Knobs.

### VARIABLE POWER ADJUSTMENTS

To change magnification, simply rotate the Power Change Ring to align the desired number on the power scale with the index dot.

When still-hunting or stalking game, a variable scope should be set to the lowest power. You then have the widest field of view for quick shots at close range. Higher powers should be reserved for precise long-range shots.

**WARNING:** A SCOPE SHOULD NEVER BE USED AS A SUBSTITUTE FOR EITHER A BINOCULAR OR SPOTTING SCOPE. IT MAY RESULT IN YOUR INADVERTENTLY POINTING THE GUN AT ANOTHER PERSON.

### ZEROING

Final sighting-in of your rifle should be done with live ammunition, based on your expected shooting distance. If most of your shots will be at short range, zero-in at 100 yards. But, for long-range shooting at big game, most experienced shooters zero-in about 3 inches high at 100 yards. Three-shot groups are useful for averaging the point of impact.

### MAINTENANCE

Your Alpen® riflescope, through incredibly durable, is a precision instrument that deserves reasonable cautious care.

1. When cleaning the lenses, first blow away any dirt and dust, or use a soft lens brush. Fingerprints and lubricants can be wiped off with lens tissue, or a soft clean cotton cloth, moistened with lens cleaning fluid.  
**WARNING:** UNNECESSARY RUBBING OR USE OF A COARSE CLOTH MAY CAUSE PERMANENT DAMAGE TO LENS COATINGS.
2. No maintenance is needed on the scope's outer surface, except to occasionally wipe off dirt or fingerprints with a soft cloth.
3. Use lens covers whenever convenient.

### STORAGE

Avoid storing the scope in hot places, such as the passenger compartments of vehicles on hot days. The high temperatures could adversely affect the lubricants and sealants. A vehicle's trunk, a gun cabinet or a closet is preferable. Never leave the scope where direct sunlight can enter either the objective or the eyepiece lens. Damage may result from the concentration (burning glass effect) of the sun's rays.

### **LIMITED LIFETIME WARRANTY**

Congratulations on purchasing your new ALPEN® product. This product is warranted to be free of all manufacturing defects in workmanship and material for the length of time specified in this warranty, provided that the product has not been abused, disassembled or tampered with in any way. This warranty applies only to products purchased in the United States and is valid only to the original purchaser. This warranty is not transferable.

In the event of a defect under this warranty ALPEN® will at our sole discretion repair or replace the returned product, provided that the original purchaser returns the product postage prepaid to ALPEN OUTDOOR CORPORATION, 10329 Dorset Street, Rancho Cucamonga, CA 91730. A money order or check in the amount of \$10.00 to cover the cost of inspection and handling must also be included. Please be sure to include your name and mailing address along with a brief explanation of the defect found. This warranty gives you specific legal rights, and you may have other rights which vary from state to state. If you require non-warranty repairs these will be provided at a reasonable cost.

WAR-0697



10329 Dorset Street, Rancho Cucamonga, CA 91730



# **KODIAK™ RIFLESCOPE INSTRUCTIONS**