

VORTEX[®]



RAZOR[™]

VORTEX RAZOR



- A. Eyecups
- B. Focus Wheel / Diopter
- C. Neckstrap attachment points
- D. Tripod adapter socket
- E. Objective Lenses
- F. Interchangeable "flared" eyecups

Congratulations

Congratulations on your purchase of the Razor binoculars, we are certain that their innovative, ergonomic design and tremendous optical performance will win your admiration and approval.

The Razors feature fully multi-coated optics and phase-corrected, Silver-coated roof prisms for an unbelievably sharp image in all lighting conditions. The Razors feature an internal focusing mechanism, O-rings at all open points, and an Argon-purging process to completely seal the binoculars, making them waterproof, dustproof and internally fogproof.



Using / Adjusting the eyecups

Razor binoculars feature long eye relief with innovative multi-position retractable eyecups to offer comfortable viewing for all users - whether you wear eyeglasses or not.

- If you wear eyeglasses/sunglasses, make sure the retractable eyecups are left twisted in toward the binoculars body (see **A** above). If the eyecups are twisted out, it will appear as though you are looking through a tunnel.
- If you do NOT wear eyeglasses or sunglasses, twist the retractable eyecups to the desired position in order to (cont.)

see the full field of view(see **B** below). If you do NOT have the eyecups positioned correctly, you will note black "crescents" in your field of view.



Using the flared eyecups

The Razor features inventive flared rubber eyecups that can be easily interchanged with the retractable eyecups. The flared eyecups, which are not retractable and are meant to be used only in the “up” position as shown at right, are useful in eliminating bothersome lateral light. To install the eyecups:



1. Remove the retractable eyecups. Twist each eyecup to the “QR” position and firmly (but easily) pull each one off the binocular.
2. Place the flared eyecup onto the binocular and line the QR arrows with the dot on the binocular body (inset image above). Twist the flared eyecup to lock it into position. The flare of the eyecup should fit comfortably on the outside edges of your eyes; adjust the eyecups to the best fit.

Attaching the neckstrap

1. Starting with the right barrel, push the right end of the strap through the right strap attachment point. Push a workable amount of strap through.



2. Loop the strap over the attachment point and insert into the strap buckle.



3. Push the strap through the buckle.

- Secure the excess strap by putting it into the strap loop.
- Continue with the left side of the strap in the same manner as the right. Your binocular strap is now secured, though you may feel the need to adjust the strap to get the best fit.

Note: if you wish to attach the rainguard (the one-piece eyepiece guard) to the strap, push the strap through the left slot of the rainguard before putting the strap through that side of the binoculars.



Using the tripod adapter

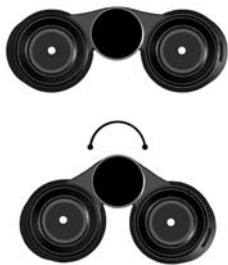
The Razor features a socket with a standard threading located between the two objective lens barrels for adapting your binoculars to a tripod using a tripod adapter (both pieces sold separately). Simply unscrew the socket cap and thread the tripod adapter into the socket.



Adjusting for interpupillary distance

In order to see one singular image, you must adjust the two barrels of the binoculars to your interpupillary distance (the distance from your left pupil to right).

To do this, turn the barrels of the binoculars on their central hinge until you see one singular field of view with no disturbing shadows.



Focusing your binoculars

The Vortex Razor features a large center focus knob, with the diopter adjustment integrated inside the focus knob. The diopter adjusts for differences between your individual eyes. The correct procedure for attaining proper focal balance using the center focus knob and the diopter is:

- a. Adjust the binocular barrels for your interpupillary distance (see above).
- b. With your right eye closed (or with your hand over the right objective lens), focus your left eye on a distant object with the center focus wheel until the targeted object is in sharp focus.
- c. Now adjust for your right eye. To do this, pull on the focus knob until you hear an audible click - the focus wheel is now adjusting the diopter. Close your left eye (or place your hand over the left objective lens) and focus your right eye on that same distant object. Focus until the object is in sharply focused. Your binoculars should now be adjusted to provide a clear and comfortable image.

Keeping your lenses clean

To maintain the optical brilliance of your Razor binoculars, it is important to keep the lens surfaces free of dirt, oils and dust. On occasion, the lenses of your binoculars will need to be cleaned. It is important to recognize that there are some guidelines to follow when cleaning.

First, be sure the lenses are free of dust or grit before wiping to prevent any scratching on the glass. Clean by using a can of pressurized air or a soft camel's hair brush (acrylic optical brushes are also available and work well).

Second, fog the lenses with your own breath to help clear the lens of smudges, fingerprints or eyelash oil. Most importantly, use only a non-abrasive cloth such as the provided lens cloth, chamois, or silk. Cleaning fluid and optical paper is also available and can be used as well. NEVER use facial tissue, heavy cotton or flannel clothing as such items can scratch your lenses.

Lastly, utilize the rainguard and objective lens caps for extra protection in the field, and keep your binoculars stored in their case when not in use.

Caution!

Never look directly into the sun (or any other intensive light source) while using your Vortex Razor binoculars (or any binoculars)! This could damage the retina and cornea of your eyes and even cause blindness!



This Vortex product has been built with our commitment to your absolute satisfaction; it is engineered to last and is unconditionally guaranteed. Vortex pledges this Very Important Promise to you, a Very Important Person, and that's why we call it the VIP warranty.

- In the event that your Vortex product requires service, no matter the cause*, Vortex Optics will repair or replace it (at our discretion) at no charge to you.
- There are no warranty cards to fill out and the VIP warranty is completely transferable.
- There is no time limit on our promise**.

* The VIP warranty does not include occurrences of loss, theft, deliberate damage, and damage as a result of unauthorized repair, modification, or disassembly.

** Vortex Optics reserves the right to replace warranted product with a product of similar value and/or with similar specifications in the event that the original product is no longer manufactured or discontinued.

In the event that you need service, direct your inquiries to:

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