VIPER® HD

SPOTTING SCOPE PRODUCT MANUAL

The Viper® HD 15-45x65 and 20-60x85 Spotting Scopes

Expect impressive optical quality with the Viper® HD spotting scopes. There are two configurations—15-45x65 or 20-60x85—and each includes a custom-fitted case.

Images are for representation only. Product may vary slightly from what is shown.

BASIC OPERATION

Attaching the Eyepiece

Before attaching the eyepiece, remove any covers that would interfere with attaching the eyepiece to the spotting scope body. Keep exterior lens covers handy to protect exposed lenses whenever you're not viewing through the Viper® HD spotting scope.

1. To attach the eyepiece, match the white line on the eyepiece with the white dot on the bayonet fitting. Insert the eyepiece into the body and rotate clockwise ¼ turn until the eyepiece clicks into place and is lined up with the indicator line.
2. To detach the eyepiece, press and hold the lock down and rotate the eyepiece counter-clockwise ¼ turn.

Mount the Spotting Scope

Attach the Viper® HD to a tripod or car window mount for steady viewing. Simply secure the tripod mount foot on a quick-release plate or mounting plate of the tripod head.

The tripod foot is Arca-Swiss compatible, and will mount to any Arca-Swiss tripod head without the use of additional plates. Or, attach any 1/4"-20 thread screw mount plate to use with other style tripods.

The tripod foot attaches to any tripod or car window mount that uses 1/4”-20 screw threads.

Adjust the Magnification

The versatile magnification of the Viper® HD spotting scope allows you to view a wide field of view at a lower power, then zoom in on distant details at a higher power. Change your spotting scope’s magnification by simply turning the Magnification Adjustment Ring:

- Increase the magnification by turning the adjustment ring in a clockwise direction.
- Decrease the magnification by turning the adjustment ring in a counterclockwise direction.

Caution: Never look directly into the sun (or any other intense light) with your Viper® HD spotting scope. This can permanently damage your eyes.

Adjust the Focus

After setting the magnification, some refocusing is usually required. To adjust the focus, rotate the focus dial until images become clear.

- Slowly turn the focus dial until the subject is in focus.

Adjust the Eyecup

The adjustable eyecup on the Viper® HD spotting scope twists up and down so you can observe the full field of view if you wear eyeglasses or sunglasses. Fully extend the eyecup for best viewing without glasses. Adjust the magnification with a simple turn of the adjustment ring. Twist the eyecup down for viewing with eyeglasses or sunglasses.

Flexible Viewing Angle

The Viper® HD's Tripod Mount Collar allows you to rotate the spotting scope body for greater viewing flexibility.

- Turn the thumbscrew counterclockwise to loosen the mounting collar.
- Rotate the spotting scope body to a comfortable viewing angle.
- Keep the scope body in the preferred viewing position by securing the mounting collar with a clockwise turn of the thumbscrew.

Extendable Sunshade

Extend this fitted hood to effectively block out disturbing stray light. The sunshade also shields the objective lens from mechanical damage and guards against soiling by fingerprints and precipitation.

MAINTENANCE

Keep your Viper® HD spotting scope in its custom-fitted case while viewing. If your spotting scope gets wet, be sure to dry it out thoroughly before packing it away. For long-term storage, choose a dark, well-ventilated place.

Cleaning

For the best viewing, regularly clean the exterior lenses. When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses such as the VTX® Lens Pen and Fog Free Cleaning Kits.

- Remove any dust or grit from the lens before wiping. Use a can of pressurized air, soft camel hair brush, or an acrylic optical brush.
- Clear lenses of smudges, fingerprints, or eyelash oil. Fog the lens with your breath, then use a non-abrasive lens cloth* to clean the lens.

Note: *Never use facial tissue, heavy cotton, or flannel fabric—these materials can scratch the surface of a lens. Use lens cleaning fluid, or your breath, and an optical tissue or cloth to clean lenses.

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Note: The VIP Warranty does not cover loss, theft, deliberate damage, or cosmetic damage not affecting product performance.

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