FURY™ HD

LASER RANGEFINDER BINOCULAR

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

Fury™ HD Rangefinder Binocular

The Fury™ HD is an extremely effective angle-compensated laser rangefinder binocular intended for hunters, archers and shooters. The primary HCD (Horizontal Component Distance) mode provides key angle compensated range information required by the vast majority of rifle and bow shooters in a simple, quick-to-read display.

The Fury also has a LOS (Line of Sight) mode and Scan feature, along with adjustments for reading in yards or meters and setting the brightness of the display.

For the most current information about this and all our products, please visit our webpage at vortexoptics.com

Basic Operation

Adjust the eyecups

The eyecups on a Fury HD twist up and down so any viewer can see the full field and enjoy comfortable viewing—with or without eyeglasses.

When not using eyeglasses or sunglasses, keep the eyecups fully extended. For best viewing when wearing eyeglasses, twist eyecups down.

Adjust the interpupillary distance

The interpupillary distance (IPD) is the distance between the centers of the left and right eye pupils. Match the IPD of your eyes to that of the binocular so you see a single image free of shading. Rotate the binocular barrels inward or outward to line your eyes up with ocular lenses.

Properly focus the binocular

For the best views, follow this two-step process to properly adjust the center focus and diopter. Choose an object that is about 20 yards away from you and stay in the same spot until you have adjusted the binocular for your eyes.

Adjust Diopter Setting

1. Adjust the center focus—start by closing your left eye or covering the left objective lens with your hand. Focus your right eye on the object and adjust the center focus wheel until the image is in focus. Leave the center focus in this position as you adjust the diopter.

2. Adjust the diopter—start by closing your right eye or covering the right objective lens with your hand. Look through your left eye, adjust the diopter so that the object is in focus. Make note of this diopter setting in case you need to set it again. From this point on, you will only need to use the center focus wheel.

Install Battery

Open the battery compartment and install the CR2 battery included with the Fury.

Install battery with positive side facing in.

Power Up

To power up the Fury and prepare for ranging, press and release the Measure button. The HCD or LOS ranging screen will display. The Fury will power down automatically after ten seconds of non-use.

Properly focus the rangefinder display

This process is similar to focusing the binocular.
1. Power up the binocular and close your left eye.
2. View the rangefinder display with your right eye.
3. Use the reticle focus adjustment ring to bring the display into sharp focus.

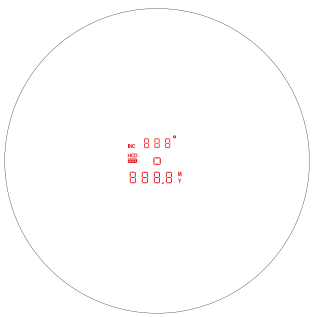
Once this is done you will not have to refocus the rangefinder display again.

Mode Selection

Your Fury is factory set to the angle compensating HCD mode, yards, and medium brightness. For most users, these are the preferred settings.

To change modes, press the Measure button to power on and then press the Menu button for at least four seconds. Once the Mode Selection screen displays, release the button.

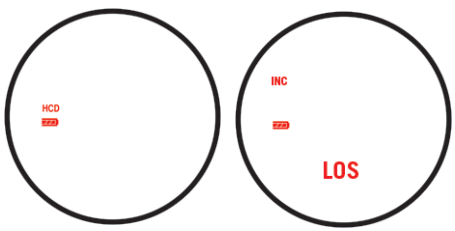
As you progress through Mode Selection, you may exit at any time and save your settings by pressing and holding the Menu button for at least four seconds—the Fury will return to power-up condition.



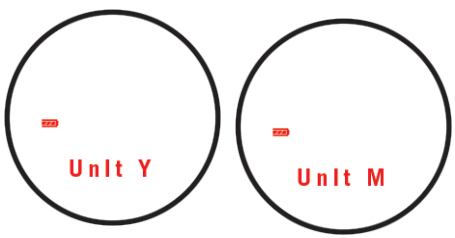
Mode Selection Display

Set and Save Mode Selections in 3 Steps

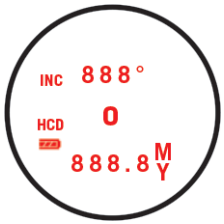
Choose between the HCD and LOS Modes.
After activating the Mode Selection, press the Measure button to toggle between the HCD and LOS displays. Press the Menu button to save your desired choice and move to the Yards/Meters selection screen.



Choose between Yards and Meters Display.
Press the Measure button to toggle between the Yards and Meters display. Press the Menu button to save your desired choice and move to the Brightness selection screen.



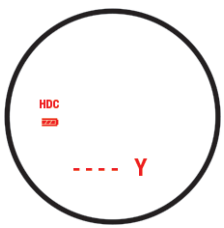
Choose between Three Brightness Settings.
The Fury provides three illumination settings. Press the Measure button to toggle through the three Brightness settings. Press the Menu button to save your desired setting and move back to the HCD/LOS selection screen.



To exit Mode Selection and save settings, press and hold the Menu button for four seconds. Settings will also save when Fury powers down automatically.

Ranging

With the Fury powered up, position the laser aiming circle on the target object and press and release the Measure button to get the distance measurement. If the laser is not able to range due to the reflectivity of the target, you will see a display similar to that shown here. To range a new target, simply re-aim and press the Measure button again.



Scan Ranging

Activate Scan Ranging by pressing and holding the Measure button down.

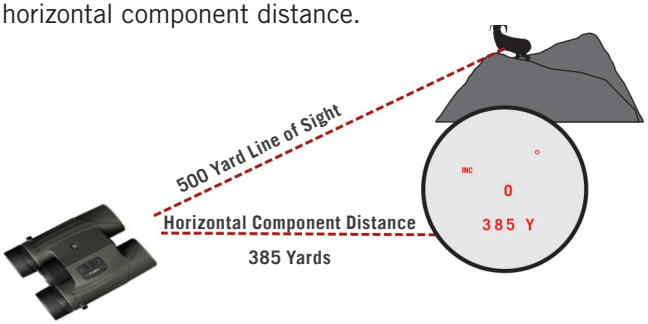
Keeping the button depressed will continuously measure distance as you pan back and forth across target objects. The aiming circle will blink as you pan. Releasing the Measure button will return laser to the Power Up Condition.

Ranging Mode Explanations

The Fury provides two range modes: HCD (Horizontal Component Distance) and LOS (Line of Sight). Both modes offer a Scan feature.

HCD Mode

The HCD range display is intended to be the primary mode—used for most rifle and archery shooting applications. The yardage number displayed is the critical horizontal component distance.



Using the HCD Mode

Use the HCD range mode in the following situations:

- Rifle shooting on level ground at any range.
- Rifle shooting out to ranges of 800 yards with mild slopes (less than 15 degrees).
- Rifle shooting out to ranges of 400 yards with moderate slopes (15 to 30 degrees).
- For all archery shooting.

The displayed HCD yardage number is corrected for shot angle and needs no extra user input; shooters simply use the appropriate level ground bullet drop and wind adjustment for the range displayed and shoot. Archers use the appropriate level ground sight pin for the range displayed and shoot.

LOS Mode

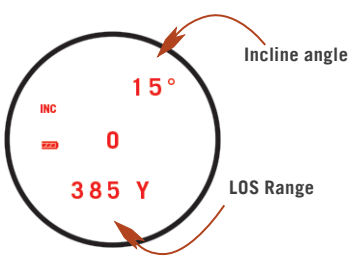
The LOS (Line of Sight) mode is intended for rifle shooters who are using slope correcting ballistic drop data cards, ballistic cell phone applications, or other devices with ballistic programs and who are shooting at distances beyond 500 yards and with slopes greater than 15 degrees. Most shooters and archers will not need the LOS mode.

The range number displayed in LOS mode is the actual line of sight range with no ballistic correction for slope. Most of the commonly used ballistic devices can provide independent slope correction for bullet drop data and require actual line of sight range input. Using the LOS range when calculating bullet wind drifts under these steep slope/long range conditions will provide a higher degree of accuracy than using the HCD range.

To use, simply input the LOS range number into the electronic device or use the LOS range when referencing ballistic drop cards with slope correction.

LOS Mode – Using the INC Number

When in LOS mode, an additional number is displayed above the yardage number. This number is slope incline shown in degrees.



The slope incline number can be entered into ballistic programs or field cards to help calculate precise bullet drops in mountainous terrain.

Scan Feature

The Scan feature can be used to range moving targets or help range smaller targets on uniform backgrounds, and works in both HCD or LOS modes. Once powered up, press and hold the Measure button and scan back and forth, watching for changes in the yardage number as the aiming circle moves across target objects. The blinking aiming circle display indicates Scan Ranging is activated.

Tripod Use for Ranging

Using a tripod to steady the Fury will greatly increase your ability to range small targets at longer distances. To use on a tripod, you will need to use a binocular tripod adapter. The reticle may appear tilted depending on tripod level.

Rangefinding Tips

Rangefinding binoculars work by emitting a brief pulse of light aimed at a target object. Distance is determined by the amount of time taken for the light to emit and return to the laser's internal receiver. A laser's ability to read range can be affected by many things—mostly relating to the target objects. Under ideal conditions, expect to range a large reflective object out to 1600 yards and deer-sized game out to 1000 yards.

Laser Performance Tips

- Light colors will usually reflect the laser pulse better than dark ones. An exception would be snow, which can be difficult to range.
- Shiny, reflective surfaces will usually reflect the laser pulse better than dull, textured surfaces. Animal hair will not reflect as well as a hard surface.
- Ranging while under cloud cover can improve laser performance compared to ranging while under bright sunny conditions.
- Solid objects, such as rock piles, will reflect the laser pulse better than less dense items such as bushes.
- Flat surfaces perpendicular to the laser pulse will reflect better than curved surfaces or surfaces angled in relation to laser pulse.
- Ranging over water can sometimes cause false reflections and readings.
- At longer distances, larger objects will be easier to range than small objects.
- If you are having difficulty ranging an animal or object, try ranging a different nearby object or use the Scan feature to pan back and forth while watching for changes in range number.

Accessories

Carry Case

The protective case provides safe storage between viewing sessions. The carry strap is already attached to the case.

Lens Covers

A rainguard for the ocular lenses and tethered objective lens covers is included. Use these covers to protect the lenses whenever you are not viewing.

Neckstrap

Attach the padded neckstrap in three simple steps.

1. Push a few inches of the strap through the strap attachment on the binocular.

2. Hold the buckle and thread the end of the strap through the buckle.

3. Adjust the overall length, then pull tight until strap is secured within the buckle.

Note: If using another type of strap, never attach metal o-rings directly onto the strap attachment.

Lens Care

Maintain the optical brilliance of the binocular by keeping lens surfaces free of dirt, oils, and dust. Make use of the provided eyepiece and objective lens covers to protect the lenses when not viewing. Then, store in its carry case between viewing sessions.

In order to enjoy the best views through your binocular, take time to regularly clean the exterior lenses:

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

Caution: Binoculars are not intended for looking at the sun, or any other intense light source. Such viewing could damage the retina and cornea of your eyes—even to the point of causing blindness.

FCC Requirements

The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Safety and Precautions

Do not stare into beam or view directly without laser eye protection. Staring continuously into beam for prolonged periods of time could cause harm to your eyes. If used properly, this device is safe for your eyes and laser eye protection is not needed.

- Use the correct battery (CR2) and proper battery orientation.
- Do not look at sun.
- Do not activate Menu or Measure buttons while aiming at eye or looking into objective lens.
- Do not disassemble.
- Do not allow children to play with unit.

CLASS 1 LASER PRODUCT
THIS PRODUCT COMPLIES WITH IEC 60825-1:2007-03 Ed.2.0 AND IEC 60825-1:2014-05 Ed.3.0
THIS PRODUCT COMPLIES WITH 21CFR SUBCHAPTER J PARTS 1040.10 AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO.50 DATED JUNE 24, 2007.
Sheltered Wings, Inc. One Vortex Drive, Barneveld, WI 53507 August 2017

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

VIP WARRANTY

OUR UNCONDITIONAL PROMISE TO YOU.

We promise to repair or replace the product. Absolutely free.

- **Unlimited**
- **Unconditional**
- **Lifetime Warranty**

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