

RAZOR[®] AMG[™] UH-1[™]

HOLOGRAPHIC SIGHT

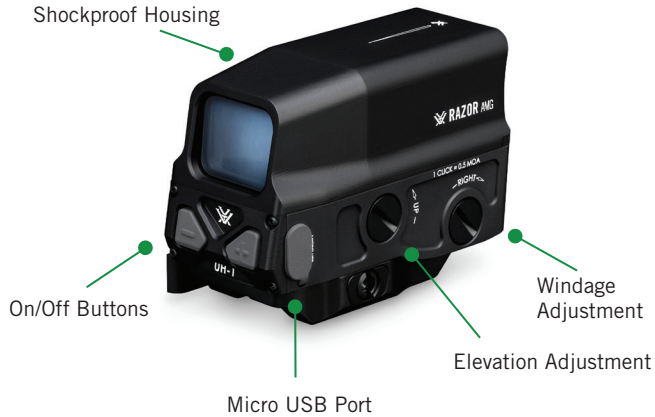


RAZOR® AMG™ UH-1™

HOLOGRAPHIC SIGHT

The incredible features of the Razor® AMG™ UH-1™ are matched only by its tough, tenacious performance. Absolute zero image distortion and an impressive sight picture with unobstructed view ensure rapid, instinctual target acquisition.

The shatterproof XR plus fully multi-coated windows and holographic elements are incredibly durable and promote optimal light transmission. All sensitive components are protected in the base of the sight, increasing durability, while eliminating the need for an obstructive secondary shroud.



Shatterproof Sight Window



Power On:
Press either
button.

Power Off:
Press both buttons
simultaneously.



Operating the UH-1[™]

Powering Up

To turn the UH-1 on press either button. It is set to the middle illumination setting. Use the plus and minus buttons to switch brightness levels. There are 15 brightness settings for extreme low light to daytime bright.

To turn off, simultaneously press both buttons.

Auto Shut Off

The UH-1 will automatically shut off after 14 hours if no button is pressed. The 14-hour Auto Shut Off feature can be disabled.

To disable the Auto Shut Off feature, press the minus button (-) for 5 seconds. The reticle will blink twice to confirm. To re-enable the feature, press the plus button (+) for 5 seconds. The reticle will blink three times to confirm.

Please note, when the auto shut off feature is disabled, you must remember to manually turn off the sight, otherwise the sight will stay on until the battery runs completely out.

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Windage and Elevation Adjustments

Use a coin or other flat head item to turn the knobs to adjust for point of aim. For both adjustment knobs, one click will change the point of aim approximately $\frac{1}{2}$ MOA when zeroing.

One click yields $\frac{1}{2}$ MOA of adjustments

$\frac{1}{8}$ -inch (3.18mm) at 25-yds (23.75 meters)
 $\frac{1}{4}$ -inch (6.35mm) at 50-yds (47.5 meters)

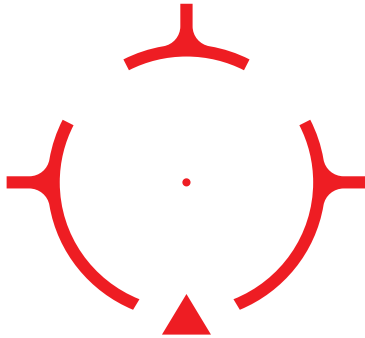
One full rotation of either knob will change the point of aim approximately 16.5 MOA—8.25" at 50 yards or 16.5" at 100 yards when zeroing.

Please note:

When adjusting, you may encounter increased resistance. This means the end of the adjustment range has been reached and you should not turn the knob any further.

Using the EBR-CQB Holographic Reticle

The EBR-CQB is designed to take full advantage of both the center dot and the bottom triangle for targeting.



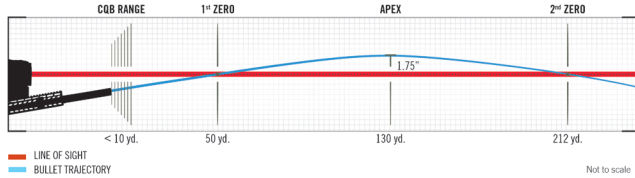
Use the center dot for zeroing your rifle and as the point of aim for targets at 25 to 400 yards/meters.

The bottom triangle will be your point of impact for close quarters distances of 10 yards/meters or less.

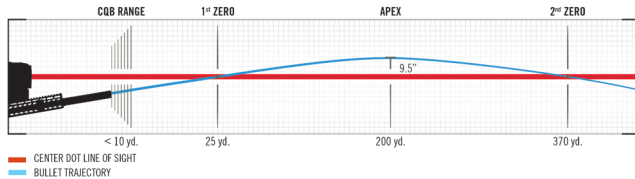
See trajectory charts on next page.

Trajectory and Ballistics Examples

50 Yard Zero

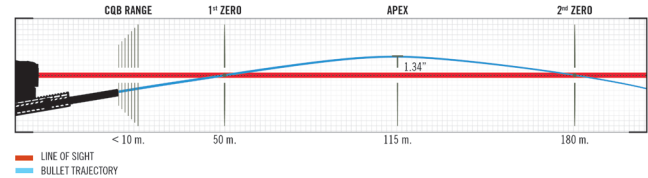


25 Yard Zero

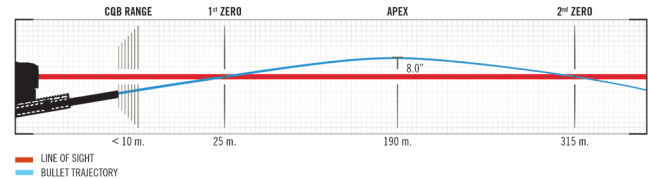


This example is based on M855 ammunition.

50 Meter Zero



25 Meter Zero



This example is based on M855 ammunition.

Battery Information

One CR123A battery powers the UH-1. The UH-1 also runs on the LFP123A, the high-end rechargeable version of the CR123A. Charge the battery using the Micro USB port and it will recharge while in the sight. This LFP123A rechargeable battery does not have as long of life for continuous use as a standard CR123A, but does provide the advantage of recharging.

Please note:

If the reticle begins to pulse, the battery should be changed or recharged.

Replacing the Battery

To remove the snag-free battery cap, insert a nickel into the slot and turn the cap counterclockwise. A - symbol on the unit shows battery direction. Special threads hold the cap in place, it will not back out with recoil.

Charging the Battery

While charging a LFP 123A battery in the sight, the reticle will pulse back and forth between dim/bright. The actual brightness values for the pulsing will be one setting *above* the “on” setting and one setting *below* the “on” setting.

During a low battery condition in the sight:

When you turn on the sight it goes straight to the “pulsing” function, as described above. The sight will continue to pulse for 5 seconds no matter what, and will continue pulsing unless the user cancels by cycling between two brightness settings.

The above low battery condition will occur when using the CR 123A when there are 25 hours of battery life left. When using the LFP 123A battery pulsing will occur when there is about one hour of battery life left. These estimates are based on 70° F. The exact amount of battery life will vary due to the ambient conditions.

MAINTENANCE

The UH-1[™] will require virtually no maintenance other than periodically cleaning the exterior lenses. If desired, the exterior lens may be cleaned by wiping with a soft, dry cloth.

- When cleaning the lenses, be sure to use products specifically designed for use on coated optical lenses such as the Vortex Lens Pen, the Fog Free Cleaning kits, or the included microfiber cloth.
- Be sure to blow away any dust or grit on the lens prior to wiping the surface.
- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

LASER SAFETY

CLASS 1 LASER PRODUCT

THIS PRODUCT COMPLIES WITH IEC 60825-1:2014-05 Ed.3.0
and IEC 60825-1:2007-03 Ed. 2.0

Sheltered Wings, Inc., 2120 West Greenview Drive,
Middleton, WI 53562

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

Sheltered Wings, Inc., 2120 West Greenview Drive,
Middleton, WI 53562
Manufactured: January 2017



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.

VIP Warranty

We build optics based on our commitment to your absolute satisfaction. That's why Vortex products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your optic becomes damaged or defective, Vortex Optics will repair or replace it at no charge to you. If we cannot repair your optic, we will replace it with a product in perfect working order and in equal or better physical condition. Call Vortex Optics at 800-426-0048 for prompt, professional, and friendly service.



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Visit www.vortexoptics.com for more information.

Note: The VIP Warranty does not cover loss, theft, deliberate damage, or cosmetic damage that does not hinder the performance of the product.

