

RAZOR[®] AMG[™] UH-1[™]

HOLOGRAPHIC SIGHT



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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 scratchproof 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.



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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.

POWER ON:

Press either button.

POWER OFF:

Press both buttons simultaneously.

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.

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 1/2 MOA when zeroing.

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.



One click yields 1/2 MOA of adjustments

1/8-inch (3.18mm) at 25-yds (23.75 meters)

1/4-inch (6.35mm) at 50-yds (47.5 meters)

Integrated Quick Release Mount

1. To open the mount, depress the lock button and swing the quick release mount lever 90 degrees to the open position.
2. Position the UH-1[™] down onto the rail in desired location and move mount lever back to closed position.
3. Check lever closing tension. Lever should close with moderate pressure using thumb or finger. It should not require excess force to close. If lever won't close, closes with excess force or seems extremely easy to close with little or no tension, proceed to step 4.
4. To adjust the tension, move the lever back to the open position. Using a flat blade screwdriver or similar device, turn the adjustment nut (pictured) left or right to loosen or tighten (left-looser, right-tighter). Make small adjustments of one or two clicks, then check lever closing tension. It may be necessary to repeat this process a few times until desired tension is achieved. Move lever back to closed position after adjustment is complete.



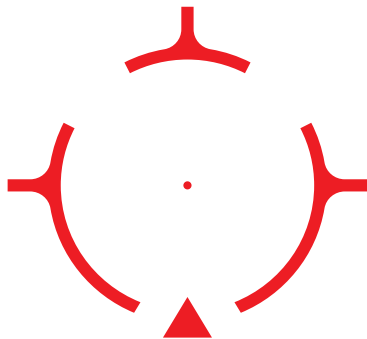
Lever in Open Position



Adjustment Nut (Opposite side)

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.

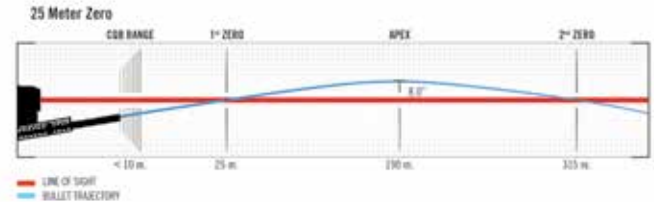
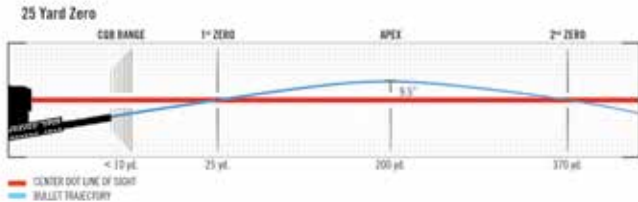
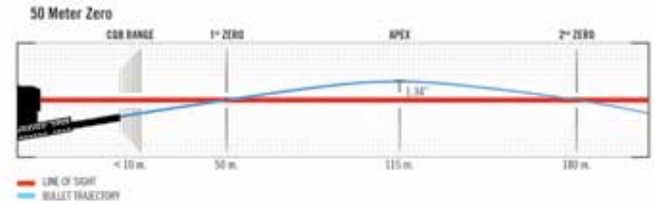
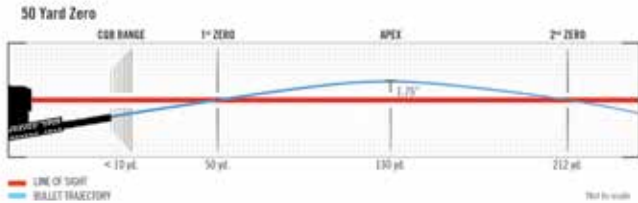


Use the center dot for zeroing your rifle and as the point of aim for targets at 25 to 400 yards/meters.

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



This example is based on M855 ammunition.

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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 LFP123A 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 CR123A when there are 25 hours of battery life left. When using the LFP123A 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, use products specifically designed for use on coated optical lenses such as the Vortex[®] Lens Pen, Fog Free Cleaning kits, or the included microfiber cloth.
- Blow away 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

OUR UNCONDITIONAL PROMISE TO YOU.

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

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- ▶ **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.



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