



PRODUCT MANUAL

AMC® UH-1® GEN II

HOLOGRAPHIC SIGHT

SPECIFICATIONS

MOUNT TYPE	Picatinny
MAGNIFICATION	1x
DOT COLOR	Bright Red
DOT SIZE	1 MOA
EYE RELIEF	Unlimited
ADJUSTMENT GRADUATION	1/2 MOA
TRAVEL PER ROTATION	16.5 MOA
MAX ELEVATION ADJUSTMENT	100 MOA
MAX WINDAGE ADJUSTMENT	100 MOA
PARALLAX SETTING	Parallax Free
LENGTH	3.9" (99mm)
HEIGHT	2.7" (69mm)
OPTICAL AXIS HEIGHT	41mm (Lower 1/3 co-witness)
WEIGHT	11.6 oz (0.33kg)

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

THE AMG® UH-1® GEN II

The incredible features of the AMG® UH-1® Gen II 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 XR™ Plus fully multi-coated windows and holographic elements are built to last and promote optimal light transmission. All sensitive components are protected in the sights base, increasing durability while eliminating the need for an obstructive secondary shroud.



OPERATING THE UH-1® GEN II

Battery Information

One CR123A battery powers the UH-1®.

Note: If the reticle begins to pulse, the battery should be changed.

Installing/Replacing the Battery

To remove the toolless battery cap, flip up the tab and turn the cap counterclockwise. Install the battery with the positive (+) end going into the unit. Replace the battery cap.



Powering Up

To turn the UH-1® on, press either the “+” or “-” button. Use the plus (+) and minus (-) buttons to adjust illumination levels. There are 15 illumination settings for daytime illumination and 8 night vision compatible settings.

To turn off, simultaneously press both the plus (+) and minus (-) buttons.

Auto-Shutoff

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

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

Note: When the Auto-Shutoff feature is disabled, you must remember to manually turn off the sight. Otherwise the sight will stay on until the battery runs completely out.

Night-Vision Button

The UH-1® is night-vision compatible. The Night-Vision (NV) Button toggles the UH-1® to night-vision mode. There are 8 settings available in NV mode.

To set the UH-1® to night-vision mode, press and hold the NV button. Adjust the illumination setting to your preferred brightness.

Press and hold the NV button to return the UH-1® to the last daylight illumination setting. The UH-1® will return to the last NV setting used the next time you return to NV mode.



Note: When in night-vision mode, the reticle will only be visible with the use of a night-vision unit.

Windage and Elevation Adjustments

Use a coin or other flat-head item to turn the elevation and windage dials to adjust for point of aim. For both adjustment dials, one click will change the point of aim approximately 1/2 MOA when zeroing.

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

Note: When adjusting, you may encounter increased resistance. This means you've reached the end of the adjustment range and you should not turn the dial any farther.



One click yields 1/2 MOA of adjustment.

~1/8-inch (3.18mm) at 25-yds (22.9 m)

~1/4-inch (6.35mm) at 50-yds (45.7 m)

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 at desired location. Place the lever side onto the rail first, then rotate the unit so it is flush on the rail. Apply forward (towards the muzzle) pressure on the unit. 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.

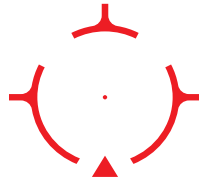


- To adjust the tension, move the lever back to the open position. Using a flat-head screwdriver or similar device, turn the adjustment nut (pictured left or right to loosen or tighten (left-looser, right-tighter). Make small adjustments of one or two clicks, then check lever closing tension. It may be necessary to repeat this process a few times until proper tension is achieved.

USING THE EBR-CQB HOLOGRAPHIC RETICLE

The clean, highly versatile, purpose-built EBR-CQB reticle creates optimal target engagement in a wide range of scenarios.

- 1 MOA Center Dot: For precise aiming.
- CQB Triangle: Point of impact for close-quarters shots at 10 yards/meters or less.
- 65 MOA Outer Circle: For fast target acquisition and ranging. Open sections minimize target obstruction.



MAINTENANCE

The UH-1® will require virtually no maintenance other than periodically cleaning the exterior lenses. If desired, clean the exterior lens 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.

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.

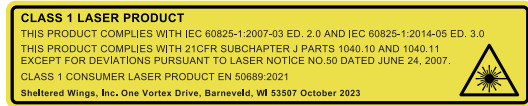
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

Laser Safety

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 (CR123A) and proper battery orientation.
- Do not look at sun.
- Do not disassemble.
- Do not allow children to play with unit.
- Consumer laser product EN 50689:2021



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

NOTICE

Virtual Patent Marking Notice by Vortex Optics

This product may be protected by patents in the U.S. and elsewhere for Vortex Optics. vtx.legal website is provided to satisfy the virtual patent marking provisions of various jurisdictions including the virtual patent marking provisions of the America Invents Act and provide notice under 35 U.S.C. §287(a). Please visit vtx.legal to view list of products that may be covered by one or more U.S./ Foreign patents or published patent applications.

**VIP® WARRANTY**
OUR UNCONDITIONAL PROMISE TO YOU.

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

- ▶ **Unlimited.**
- ▶ **Unconditional.**
- ▶ **Lifetime Warranty.**

You do not have to register, save the box, or a receipt for the Warranty to be honored.

Learn more at VortexOptics.com

service@VortexOptics.com • 1-800-4VORTEX

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

For the most up to date manual visit VortexOptics.com



M-00283-3

© 2024 Vortex Optics

® Registered Trademark and TM Trademark of Vortex Optics.

Patent Pending