



GRIFFIN OPTICS DIVISION

HEADS-UP SIGHT

OWNERS MANUAL



**GRIFFIN
ARMAMENT**

GRIFFIN OPTICS DIVISION

HEADS-UP SIGHT

INSTALLATION & MAINTENANCE GUIDE



**FAILURE TO READ AND UNDERSTAND THIS MANUAL
PRIOR TO USE MAY RESULT IN INJURY OR DAMAGE**

WELCOME

Griffin Armament® has been satisfying customers for nearly two decades with innovative and cutting edge sound suppressor technology.

Founded by two brothers and former Army snipers, Griffin Armament knows what precision shooters want; accuracy, durability, and consistency above all else. Our optics are designed, developed, and tested in Wisconsin. Our commitment to quality, performance, and value are pillars of our company and why our products are sought after by discerning owners.



DISCLAIMER

Neither the manufacturer nor reseller from whom you received the product(s) are responsible for improper use or any resulting damage. Firearms and their accessories can be dangerous if not handled correctly, and it is the user's own responsibility to understand this manual and product for safe operation. If there are any unanswered questions, Griffin's experienced customer service team will gladly assist at (262)-200-0003.

Still have questions? Check out our [video channel](#) for an in-depth briefing on all products and accessories.

PRODUCT SYNOPSIS

The Griffin Heads-Up Sight™ (GHS™) features a spacious 38mm window with a fully-enclosed emitter housed in a rigid aluminum body with a rubber-cushioned aluminum roll cage for better sight protection. The GHS™ offers a flip up lens cover to help avoid a dirty or scratched lens and features a crisp, distortion-free sight picture for optimal viewing.

The GHS™ provides precise 1MOA adjustments, 10 brightness levels, and 90MOA of total elevation and windage adjustments. It also features IPX7-rated water resistance, a 3MOA red illuminated dot, and convenient auto-off/shake-to-wake functionality. Perfect for short-range carbines, handguns, and as a reliable backup for magnified optics in quick target transitions.

Additionally, this optic is ready for use right out of the box with an integrated picatinny mounting system and included CR123A battery. The CR123A included battery allows for 50,000 hours of battery life at level 1 brightness, 20,000 hours at level 6, and 1200 hours at level 10.

SPECIFICATIONS

Model	GHS3-R
Magnification	1x
Window Size	38x28mm
Lens	Multi Coated Glass
Dot Color	Red
Dot Size	3MOA Single Dot
Adjustments Graduation	1MOA
Max Elevation Adjustment	90MOA
Max Windage Adjustment	90MOA
Parallax Free	25yds
Motion Activation (Shake Awake)	8hrs after no movement
Shockproof	1200Gs Force
Waterproof	IPX7, 1m for 30mins
Dimensions (LxWxH)	3.00"x2.00"x3.00"
Weight	12oz
Footprint	Picatinny
Brightness Settings	10 Levels (8 Daytime, 2 NV)
Battery Type	1xCR123A
Battery Loading Way	Side Loaded

TOOL KIT FOR INSTALLATION



(1) Integrated Flip Up Lens Covers, (2) Allen Keys (Flathead & T25 Torx),
(1) CR123A Battery, (1) Griffin Microfiber Cloth, (1) GHS™ Optic (Picatinny Mount)

Included with the GHS™ are all the tools necessary for installation and use right out of the box. No assembly required.

The included flathead allen key can be used to make windage and elevation adjustments via the small flathead knobs on the right and left side of the GHS™. Follow the arrows marked on the sight body to make 1MOA adjustments vertically or horizontally.

The GHS™ operates using (1) CR123A battery which is installed on the right side of the sight. Unscrew the large round cap to access the battery port and install the battery prior to first use. A quarter or other coin can also be useful in removing and installing the battery cap.

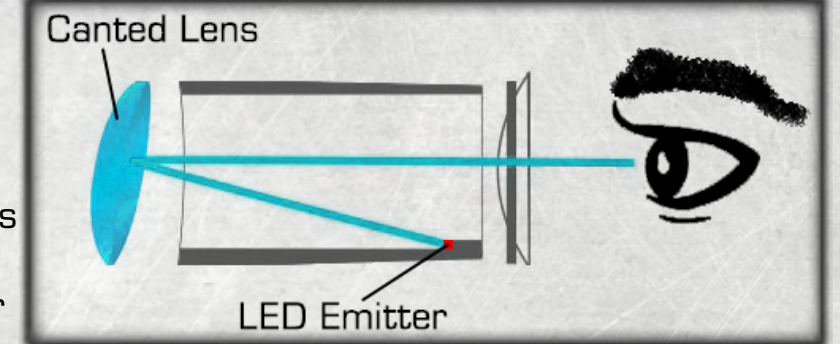
The GHS™ can be mounted directly to any industry standard picatinny rail system. The GHS™ features two arrow buttons on the left side of the sight to activate the sight. The sight powers on by pressing the up arrow and turned off when holding down on the down arrow. The arrows also control brightness level of the red dot. The sight will go into rest mode automatically after 8 hours of inactivity.



**CLEAR THE FIREARM PER MANUFACTURER'S
MANUAL BEFORE PERFORMING MODIFICATIONS**

OBJECTIVE LENS

Reflex optics operate by reflecting the light of an LED emitter off a reflective objective lens back towards the shooter. To achieve this, the obj. (front) lens is tilted at an angle such that the mirrored surface is perpendicular to the LED source.



Opposed to a normal riflescope, a canted objective lens is integral to the function of reflex optical sights. The LED is positioned near the base of the housing, close to the first lens. The objective lens is canted towards this emitter to properly reflect the light given off from the LED back to the shooter and create the dot image seen by the user.

This canted lens has the added benefit of reducing glare from sunlight reflecting off the objective lens which can give away a shooter's position. Canted lenses are used in all high-quality reflex sights across the industry.

CLEANING AND MAINTENANCE

- 1) Begin by blowing off debris from lenses using air pressure. This is ideally done with a camera lens blower tool.
- 2) Follow up with camera lens brush, brushing and blowing back and forth as needed until all debris is clear.
- 3) Finish with spraying and wiping off lenses with brand new microfiber towel and lens cleaner of your choosing. Finish with suede polishing tip if desired for perfect smoothness.
- 4) Brush down body to remove any dirt or debris and wipe external body clean.





FAILURE TO PROPERLY MOUNT YOUR OPTIC MAY CAUSE DAMAGE TO YOURSELF OR YOUR FIREARM

INSTALLATION OR REPLACEMENT OF BATTERY

- 1) Using a high-quality CR123A battery can extend battery life up to 50,000 hours at brightness level 1.
- 2) Unscrew the battery cap, using a small flat object like a coin if necessary.
- 3) Install the new battery by sliding it into the battery housing in the body of the GHS™ with the positive (+) side facing out.
- 4) Re-install the battery cap by screwing it onto the GHS™ and snugging with a coin or other flat object. **Do NOT overtighten battery cap.**



OPTIC INSTALLATION

- 1) Loosen the T25 clamp screws on the GHS™ mount
- 2) Slide the GHS™ picatinny mount onto the desired rail of the firearm
- 3) Tighten the T25 clamp screws on the picatinny with the Allen Key to secure the mount/optic to the firearm. (35in/lbs.)



DO NOT LOOK THROUGH THE OPTIC AT BRIGHT SOURCES OF LIGHT (E.G. DIRECT SUNLIGHT)

SHAKE AWAKE & ADDITIONAL FEATURES

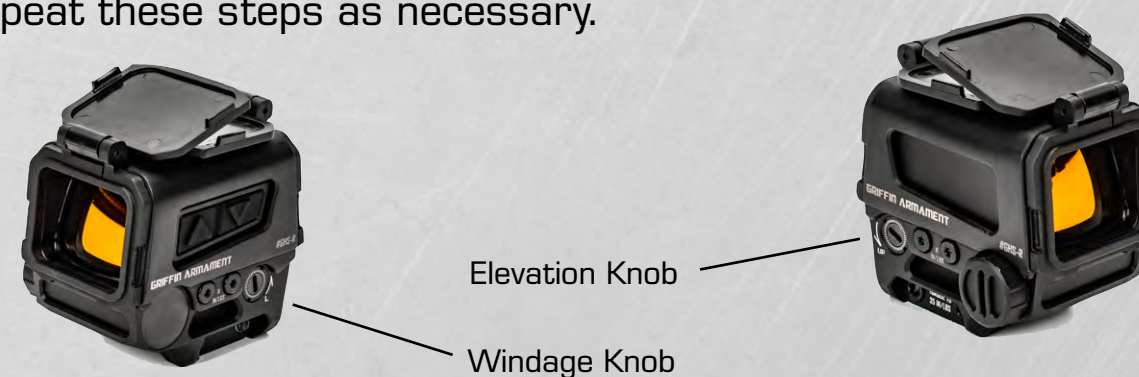
- 1) 10 Reticle Brightness Settings
- 2) 3MOA Dot
- 3) Red Dot Available
- 4) Parallax Free (25yds) Clear Sight Picture
- 5) Fully-Enclosed Aluminum Body
- 6) Auto-Off Battery Saver
- 7) Shake Awake
- 8) IPX7 Water Resistance
- 9) Shockproof (1200 G's)
- 10) Lifetime Mechanical Warranty (2 Year Electronics Warranty)



ZEROING

Initial zeroing is recommended at 15-25m before moving further out and fine-tuning for longer ranges.

- 1) Fire a 3-shot group and average the point of impact across the group.
- 2) Using the included flathead screwdriver, adjust elevation(top) and windage (side) knobs to correct the point of impact. The direction noted by the arrow denotes the movement of the point of impact.
- 3) Each click/hash mark is a 1 MOA adjustment. Once adjustments are made, fire another 3-shot group to confirm zero of the optic.
- 4) Repeat these steps as necessary.



WARRANTY STATEMENT

Griffin Optic Product Lifetime Limited Warranty






Subject to the limitations outlined below, Griffin Armament will repair or replace free of charge any product we manufacture for 2 years (electronics) and lifetime for mechanical. This warranty is unlimited in duration and covers at Griffin Armament’s sole discretion, service, repair, and/or replacement of damaged products caused by normal use. Any repair not covered by the warranty will be billed at a maximum of 30% of current MSRP for a comparable optical product.


Limitations


Griffin Armament’s warranty does not cover loss, normal wear, damage to our product or the host weapon system resulting in whole or in part from abusive or negligent use, unauthorized modifications, or neglect. Finish wear is cosmetic and is not covered by this warranty. Any repairs to the unit made necessary by the above mentioned factors may be invoiced to the owner at a maximum of 30% of current MSRP for the most comparable product. In all cases refer to the product manual for product limitations prior to using a Griffin Armament product. Warranty is subject to change without notice.

To learn more about Griffin Armament® and the kit we provide, please visit us on the web at www.GriffinArmament.com or keep track of our social media pages:


InstagramFacebookYouTubeRumble








Griffin
General
Issue
Program





Griffin
Armament

CS@GRIFFINARMAMENT.COM

(262)200-0003

Watertown, WI 53094

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