



VIRIDIAN™
WEAPON TECHNOLOGIES



HS1™ USER MANUAL

CONGRATULATIONS



Congratulations on your purchase of a Viridian HS1™ Laser Hand Stop. The HS1™ is the world's first AR hand stop with integrated laser sighting device. Please read this entire manual before installing.

If you have a problem with this product, DO NOT RETURN IT TO THE STORE.

Call Viridian Customer Service or email Customer Support for RMA instructions.

CONTACT CUSTOMER SUPPORT

800-990-9390

EMAIL CUSTOMER SUPPORT

support@viridianweapontech.com

HS1™ LASER HAND STOP



DAYTIME-VISIBLE GREEN LASER

AUTO-ACTIVATION WITH
ERGONOMIC DESIGN

BUILT FOR ALL AR-STYLE RIFLES
AND PDW'S WITH M-LOK® RAILS*

**Please be aware that there has been no formal classification of this device for use with firearms under 26 inches in length. Viridian takes no position and accepts no responsibility for user compliance with ATF regulations. Users unsure in placement of HS1 device on any firearm should seek the advice of a qualified legal professional regarding use of the device on a firearm pursuant to ATF regulations.*

**The term M-LOK® and the logo above are registered trademarks of Magpul® Industries Corp. used for Viridian products as part of a licensing arrangement.*

MOUNTING

Safety First! Unload and make weapon safe!

The M-LOK® direct attachment system features a custom, cammed T-Nut that positions the T-Nut consistently for installation and removal. Simply adjust the gap between the T-Nut and accessory to match the thickness of the mounting surface, align the T-Nuts with the slot, and insert in the desired location. An initial $\frac{1}{4}$ to $\frac{1}{2}$ turn of the screw for each T-Nut rotates the nut into engagement and then you may tighten normally.



INSTALLING BATTERY & ACTIVATING



To change battery, unscrew the slotted battery door. Insert battery + side towards the top of the unit. **IMPORTANT** Battery **MUST** be a wrapped battery. If your battery is not wrapped, the HS1 could short out and become non-operational. Extra batteries can be purchased directly at ViridianWeaponTech.com.

The Viridian HS1 has a specially placed activation button for automatic activation when the gun is in a normal shooting grip. Most shooters will activate the device with the second pad on their index finger.

WINDAGE & ELEVATION ADJUSTMENTS

See ViridianWeaponTech.com for more detailed instructions and videos

1. Unload and make weapon safe.
2. Align Viridian® laser to the iron sights of your firearm at the distance that you want to be your zero; between 25 feet and 50 yards is suggested.
3. Load and fire a 3-shot group at target using the laser to aim.
4. Unload and make weapon safe.
5. Adjust windage and elevation so that the center point of laser coincides with groupings. To do this, adjust the laser toward the grouping center using the following chart.
6. Repeat steps 3 through 5 in order to get alignment.

Use the included Windage/Elevation Tool to adjust the Windage/Elevation of the laser to zero.

Up/Down Adjustments	Clockwise moves laser up. Counterclockwise moves laser down.
Left/Right Adjustments	Clockwise moves laser left. Counterclockwise moves laser right.



PRODUCT WARNINGS

1. Before handling any firearm with a Viridian® product, read and understand the entire contents of your firearm manual provided as well as the Viridian® manual, especially the safety precautions and procedures for safe firearm handling.
2. Failure to follow the correct safety precautions and safe firearm handling techniques outlined in your firearm and Viridian® operator's manuals when handling a firearm with the Viridian product can result in serious injury, damage to property, or death.
3. Always practice safe firearm handling techniques when handling a firearm with or without the Viridian® product.
4. Never point a firearm, with or without the Viridian® product attached, at anything or anyone that you do not intend to shoot.
5. Once the Viridian® product is attached to a firearm, the firearm will be pointed at anything at which the Viridian product is directed. Do not point the Viridian® product at anything or anyone that you do not intend to shoot.
6. The activation buttons on the Viridian® product allows you to operate the laser without placing your finger inside the trigger guard. Always keep your fingers off the trigger and outside the trigger guard until you are ready to fire the weapon.
7. Always verify that the chamber of the weapon is empty or "clear" before attempting to mount or dismount the Viridian® product. Follow the "clearing" procedures as set forth in the manual for your firearm.
8. Always make sure the firearms is "clear" and on safe before making windage/elevation adjustments.

PRODUCT WARNINGS *CONTINUED*

9. Failure to follow any of the safety warnings listed when handling a firearm and/or the Viridian® product can be dangerous and can result in serious injury, damage to property, or death.

10. Do not operate the Viridian® product around cleaning solvents or flammable/combustible materials. Avoid use of the Viridian® product in environments involving a flammable atmosphere or gases, such as evaporated gasoline. Do not use the Viridian® product in areas where gasoline, paints and solvents or other flammable liquids are stored.

11. The Viridian® product should be tested periodically during the periods of non-usage to ensure its proper functioning. When anticipating usage of and reliance upon the Viridian® product, check the Viridian® product beforehand to ensure proper working order.

12. Proper functioning of the Viridian® product is dependent upon an adequately charged battery. Use care when handling the battery. Any battery may leak harmful chemicals which may damage skin, clothing, the Viridian product, or the gun itself. To avoid risk of injury, do not let any material leaked from a battery to come in contact with eyes or skin. Do not expose battery to excessive heat. Follow battery manufacturers' instructions as to proper handling, storage and disposal of battery.

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

MAINTENANCE & CARE

There are no user serviceable parts in this product and no scheduled maintenance required other than battery replacement. Regular cleaning after each use as outlined below will keep this product performing at its best. This unit is not to be opened or modified by the customer (other than battery replacement), such actions will void your warranty.

FRONT LENS CLEANING:

Use a moistened cotton swab to periodically clean the front lens of gun powder residue. This step is important to prevent any degradation in the quality of the aiming point and/or beam.

EXTERIOR OF UNIT:

Clean the Viridian® product by wiping with a soft, damp cloth. Standard gun cleaning solvents may be used to clean stubborn areas.

ELECTRICAL CONTACTS:

For cleaning of all electrical contacts, use a cotton swab dipped in alcohol. To remove heavy build-up on the contacts, carefully rub with a standard pencil eraser (be sure to thoroughly remove eraser residue).

WARNING: FOLLOW THE "CLEARING" PROCEDURES AS SET FORTH IN THE MANUAL FOR YOUR FIREARM. MAKE SURE THE WEAPON IS CLEAR AND ON SAFE BEFORE PROCEEDING. IT IS RECOMMENDED THAT YOU CLEAN YOUR ACCESSORIES PERIODICALLY TO ENSURE PROPER WORKING CONDITION.

CAUTION: DO NOT USE ACIDIC OR FLAMMABLE CLEANING COMPOUNDS.

LIFETIME LIMITED WARRANTY

Viridian® 7 Year Limited Warranty

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN AS SET FORTH ON THIS PAGE, AND VIRIDIAN DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. VIRIDIAN® SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE.

For warranty questions or servicing of your product, please call 800-990-9390 or email customer service at Support@Viridian-WeaponTech.com.

For warranty eligibility, please make sure to register your unit at www.ViridianWeaponTech.com.

Viridian® warranties for 7 years after purchase that its laser sight products will be free from defects in material and workmanship. Viridian® will repair or replace, at its option, any product or part (with the exception of the battery) which is found to be defective under normal use and service, without charge. Viridian's obligation to repair or replace, at Viridian's option, shall be the purchaser's sole and exclusive remedy under this warranty.

Disassembly, modification or otherwise opening up the housing of the unity, removal of serial number or product identification information, or any product misuse by the customer voids the warranty. Warranty does not apply to damage due to accident or natural disaster. Warranty extends only to the original owner and only to CURRENT products listed on the website. Warranty does not apply to discontinued or closeout items.



VIRIDIAN[®]
WEAPON TECHNOLOGIES