



VIRIDIAN[®]
WEAPON TECHNOLOGIES

REACTOR™ MANUAL

CONGRATULATIONS

on your purchase of a Viridian® Reactor®,
the most advanced sighting device available.

DO NOT RETURN THIS PRODUCT TO THE STORE!

If you experience any problems with your product or are missing parts, please contact us for assistance. We want to help you! SUPPORT@VIRIDIANWEAPONTECH.COM OR CALL 1-800-990-9390.



To utilize Viridian®'s ECR® INSTANT-ON® Technology on your new Reactor® you will need to use the PROVIDED HOLSTER. Many aftermarket ECR® INSTANT-ON® holsters, including IWB (inside waistband) are available. For an updated list visit ViridianWeaponTech.com/Holsters/Reactor.

A holster **NOT** made for Viridian® Reactor™ products will **NOT** automatically activate your unit unless you enhance it with the ECR® INSTANT-ON® Holster Upgrade Kit (available for sale online at ViridianWeaponTech.com/ECR-Upgrade-Kit).

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 firearms handling.
- 2.** Failure to follow the correct safety precautions and safe firearms 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 firearms 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® is attached to a firearm, the firearm will be pointed at anything to 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 allow 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 remove the Viridian® product from the firearm when performing maintenance or cleaning of the Viridian® product or when replacing battery.

9. Always make sure the weapon is “clear” and on safe before making windage/ elevation adjustments.

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

11. 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 gasses, such as evaporated gasoline. Do not use the Viridian® product in areas where gasoline, paints and solvents or other flammable liquids are stored.

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

13. Proper functioning of the Viridian® product is dependent upon an adequately charged battery. Use care when handling 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 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.

14. Caution - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

LED Battery Indicator

Master On/Off

Mounting Screws

FRONT

High Strength
Thermomolded Polymer

Laser
or
Taclight
LED Lens

ECR® INSTANT-ON®

SOME REACTOR MODELS UTILIZE A SHORTER SCREW IN THIS LOCATION
DO NOT USE LONG SCREWS HERE! CAN CAUSE DAMAGE TO THE HOUSING

BACK

Windage and Elevation Adjustments (For R5 and R5-R Only)

SAFETY SUMMARY

LASER LIGHT - AVOID DIRECT EYE EXPOSURE!

CAUTION! Direct eye exposure to lasers can cause temporary or permanent eye damage.

DO NOT stare into the laser beam.

DO NOT look into the laser beam through binoculars or telescopes.

DO NOT point the beam at mirror-like surfaces.

DO NOT shine the laser beam into or near anyone's eyes.

DO NOT point the laser at any person, animal, or moving vehicle, including aircraft.

Complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice

No. 50, dated June 24, 2007
This product is compliant to:
EN/IEC 60825-1 2014(EU)/60825-1
2007(USA)

IMPORTANT: Laser Warning label supplied must be installed on the firearm with the "Laser Aperture" arrow pointing to the Laser Diode Lens.

VIRIDIAN GREEN® WARNING LABEL



Output Power: <5 mW
Wavelength: 532nm
Emission Type: CW/Pulse
Beam Diameter: <3mm at aperture
Class 3R Laser Product



VIRIDIAN RED™ WARNING LABEL



Output Power: <5 mW
Wavelength: 635nm
Emission Type: CW/Pulse
Beam Diameter: <3mm at aperture
Class 3R Laser Product



SERIAL NUMBER LABEL



LOOK ON YOUR UNIT

MANUFACTURERS ID LABEL



OPERATION / INSTANT-ON®

Your new Viridian® Reactor™ has unprecedented operation features.

Your Reactor® is activated by Viridian®'s patent pending INSTANT-ON® technology. Utilizing this technology, when the gun is drawn from the included holster, the unit activates instantly and automatically. The user does not need to fumble for buttons or adjust shooting grip to activate the unit.

Once the Reactor® is installed on the gun and zeroed, press the master on / off button to choose the desired mode. The Viridian® Reactor® can be used in **constant mode** or **pulsing mode**.

For **constant mode** press the master on/off button once and for **pulsing mode** press it twice. When the mode is chosen, with the laser / light ON, place gun into the included holster. The Reactor® will shut off when holstered. In the event that a user would need to draw the weapon, INSTANT-ON® Technology will activate the laser / light automatically as it is taken out of the holster.

The Viridian® Reactor® also features a **state-of-charge indicator**. Whenever the unit's mode is changed or it is unholstered, the LED light directly below the master on / off button will illuminate for 2 seconds. If battery power is above 20% the light will show **green**. If battery power is below 20% the light will show **red**. The red light on the state-of-charge indicator means to change the batteries immediately for continued use.

INSTALLING BATTERIES / MOUNTING PROCEDURES

1. Make sure firearm is unloaded and the magazine is removed.
2. Slide laser/light side of Reactor® housing under the trigger guard and snap into place.
3. Insert 2 of the included 1/3N batteries into the battery compartment. Take care to make sure polarity is correct.
4. Hook battery side of Reactor® housing into the laser/light side, at an angle, by inserting into locking groove located at the rear of the unit. Apply pressure to the front from both sides to join housing together.

NOTE: TIPPING THE UNIT UPSIDE DOWN HELPS THE BATTERIES PROPERLY SETTLE IN THE CORRECT POSITION BEFORE CLOSING UNIT.

5. Install the three screws into the left side of the unit. If one mounting screw is shorter use it in the bottom hole of the unit.

NOTE: DO NOT OVERTIGHTEN.

ZEROING PROCEDURES (FOR R5 ONLY)

1. Set up a target with a clearly visible aiming point.
WARNING: DO NOT ADJUST WINDAGE / ELEVATION BEFORE CONFIRMING POINT OF AIM THROUGH IRON SITES.
2. While aiming the pistol through the iron sights, use the smaller end of the Adjustment tool to adjust the visible laser point. Turn the windage and elevation wrench to superimpose the Viridian®'s aiming point over the weapon's iron sights.
3. Aim and fire a three shot group.
4. Compare the impact of the shot group to where the Viridian®'s products aiming point was on the target to ensure they line up.
5. Make the necessary adjustments to the Viridian® product to ensure its aiming point and shot group are aligned.



MAINTENANCE

There are no user serviceable parts in this product and no scheduled maintenance required other than battery replacement to keep this laser in compliance. 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 action 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 green 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).

X WARNINGS ALWAYS CHECK TO SEE 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. MAKE SURE THE WEAPON IS CLEAR AND ON SAFE BEFORE PROCEEDING. PRIOR TO CLEANING, DISMOUNT THE VIRIDIAN PRODUCT FROM YOUR WEAPON AND REMOVE THE BATTERIES. IT IS RECOMMENDED THAT YOU CLEAN YOUR ACCESSORIES PERIODICALLY TO ENSURE PROPER WORKING CONDITION.

X CAUTION DO NOT USE ACIDIC OR FLAMMABLE CLEANING COMPOUNDS.

LIMITED WARRANTY

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 of the housing of the unit by the customer voids the warranty. Warranty does not apply to damage due to accident or natural disaster. Warranty does not cover battery leakage; contact battery

manufacturer in this event. This warranty extends only to the original owner.

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@ViridianWeaponTech.com**

All service and repairs must be performed by an authorized factory trained technician. For service or repair, please call or email before returning unit to receive an RMA#.



SERVICE

ATTN: SERVICE/REPAIRS

800-990-9390

Support@ViridianWeaponTech.com

FAX: 763-479-4089

VIRIDIAN®

5475 PIONEER CREEK DRIVE

MAPLE PLAIN, MN 55359

NEVER
GO
NAKED™

#NoNakedGuns

#NeverGoNaked



DESIGNED & BUILT IN THE USA

5475 PIONEER CREEK DRIVE MAPLE PLAIN, MN 55359 800-990-9390 VIRIDIANWEAPONTECH.COM

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