

## QUICK START GUIDE

Congratulations on your purchase of a **VIRIDIAN GREEN LASER SIGHT**, the finest and most visible laser available. Please take a moment to review this guide prior to operating your VIRIDIAN.

**X 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!



**EMAIL: SUPPORT@VIRIDIANGREENLASER.COM**

**TOLL FREE: 1-800-990-9390**

### **INCLUDED IN THIS PACKAGE:**

- 1 VIRIDIAN GREEN LASER SIGHT**
- 2 Windage/Elevation Adjustment Wrenches**
- 1 Tactical Latch Bar with Roll Pin (some models)**
- 1 CR2 Battery (3 Volt Lithium)**
- 1 VIRIDIAN Operator's Manual**

**WARNING: THE VIRIDIAN GREEN LASER SIGHT IS NOT A TOY AND CAN CAUSE SEVERE RETINA DAMAGE – AVOID DIRECT EYE EXPOSURE PLEASE REFER TO YOUR OPERATOR'S MANUAL WARNINGS BEFORE OPERATING YOUR GREEN LASER.**

## OPERATING YOUR VIRIDIAN

**ON/OFF ACTIVATION** To turn your VIRIDIAN on, press either of the ambidextrous rubber tactile buttons and release within  $\frac{3}{4}$  of a second. To turn off, simply press either button.

**MOMENTARY ACTIVATION** To turn on your VIRIDIAN in momentary mode, press either button and hold for more than  $\frac{3}{4}$  of a second. Once the button is released, your VIRIDIAN will turn off.

**CHANGING MODES** Pressing both buttons while the laser is on will cycle through the 4 different modes of operation. Press both buttons and release each time to reach the next mode. Your VIRIDIAN will remember your mode selection for your next use.

**Your VIRIDIAN GREEN LASER SIGHT is equipped with SMARTLASER™ Technology!**

### SMARTLASER™ TECHNOLOGY FEATURES:

#### FOUR SEPARATE, UNIQUE MODES OF OPERATION

Separate modes allow for individual laser recognition in tactical team situations. The 4 modes consist of 1 constant beam mode and 3 pulsing modes.

#### AUTOMATIC POWER SHUT DOWN

In the event your VIRIDIAN is accidentally left on, it will shut down in approximately 10 minutes after a brief warning period. If you wish to keep the power on, simply press either button. This will reset the power down timer.

#### LOW-BATTERY INDICATOR

Once battery power reaches a low level, your VIRIDIAN will blink once approximately every 10 seconds. The low battery indicator can be affected by temperature extremes or by using a battery other than those which are recommended by the manufacturer.

#### GENERAL INFORMATION

- **Use a moistened Q-tip to periodically clean the front lens of gun powder residue.**
- **Constant beam mode will give you the maximum visibility; however, using one of the three pulsing modes will maximize battery life. Battery life will increase from approx. 4+ hours to 6+ hours in the pulsing modes.**
- **Remove the battery when your VIRIDIAN is stored for extended periods.**



**OPERATOR'S MANUAL**

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Congratulations on your purchase of the Viridian, the finest and most visible laser sight available. Please read and follow the instructions in this manual to get the most out of your Viridian Green Laser Sight.

**Your Viridian Includes:**

2 Windage/Elevation Adjustment Wrenches,  
1 Tactical Latch Bar w/Roll Pin (some models),  
1 CR2 Battery (3 Volt Lithium)

## WARNINGS

1. Before handling any firearm with the VIRIDIAN, 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 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.
4. Never point a firearm, with or without the VIRIDIAN 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 is directed. Do not point the VIRIDIAN at anything or anyone that you do not intend to shoot.
6. The activation buttons on the VIRIDIAN 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. Follow the "clearing" procedures as set forth in the manual for your firearm.

## WARNINGS CONT.

8. Always remove the VIRIDIAN from the firearm when performing maintenance or cleaning of the VIRIDIAN 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 can be dangerous and can result in serious injury, damage to property, or death.

11. Do Not operate the VIRIDIAN around cleaning solvents or flammable/combustible materials. Avoid use of the VIRIDIAN in environments involving a flammable atmosphere or gasses, such as evaporated

gasoline. Do Not use the VIRIDIAN in areas where gasoline, paints and solvents or other flammable liquids are stored.

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

13. Proper functioning of the VIRIDIAN is dependent upon a fully-charged battery. Use care when handling battery. Any battery may leak harmful chemicals which may damage skin, clothing, the VIRIDIAN, 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.

# SAFETY SUMMARY



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## VIRIDIAN WARNING LABEL

Output Power: <5 mw    Wavelength: 532nm    Class IIa Laser Product

## SAFETY SUMMARY **CONT.**



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**DO NOT** stare into the green laser beam.

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

**DO NOT** point the green laser beam at mirror-like surfaces.

**DO NOT** shine the green laser beam into other individuals' eyes.

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



# MOUNTING

1. With your “cleared and safe” firearm in your left or right hand, hold the VIRIDIAN in the opposite hand with the laser aperture facing in the direction of the muzzle of the firearm, away from your body and in a safe direction.

2. Bring the VIRIDIAN up and toward the firearm, aligning the grooves of the VIRIDIAN and the grooves on the rail of the firearm. Slide the VIRIDIAN straight back until the latch engages into the locking slot located on the rail of the firearm. You should hear an audible “click” as this occurs.

3. To check for positive engagement of the VIRIDIAN to the firearm, attempt to slide the VIRIDIAN forward. You should not be able to move the VIRIDIAN forward without disengaging the latch bar.

4. The VIRIDIAN is now ready for use.

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**X WARNING NEVER PUT YOUR HAND IN FRONT OF THE MUZZLE OF A FIREARM. MAKE SURE YOU MOUNT THE VIRIDIAN FROM UNDERNEATH AND AWAY FROM THE MUZZLE OF THE PISTOL.**

## DISMOUNTING

1. Place your free hand under the VIRIDIAN and use your index finger or thumb to put inward pressure on the left face of the latch bar. By pushing inward on the latch bar, you will remove the polymer interference within the latch groove of the rail of the gun.
2. With the latch bar pushed inward, slide the VIRIDIAN forward and down until it is clear of the rail of the firearm.

**X WARNING NEVER PUT YOUR HAND IN FRONT OF THE MUZZLE OF A FIREARM. MAKE SURE YOU PUSH THE VIRIDIAN FORWARD, DOWN, AND AWAY FROM THE MUZZLE OF THE PISTOL.**

## TACTICAL LATCH BAR

(included with some models)

1. Included with the VIRIDIAN is a tactical latch bar. This tactical latch bar provides a more sleek profile for holstering purposes. Once the tactical latch bar is installed, you will need to use a pointed object to dismount the VIRIDIAN from your gun.
2. To remove existing latch bar, push roll pin (the small metal pin on the right side of the latch) forward with a small round object while pressing in latch bar itself from the left side. You may need to use a needle nose pliers to completely remove roll pin.
3. Slide existing polymer latch bar piece out of the VIRIDIAN to the left, taking care not to lose the latch bar spring that rests inside of the housing. Slide tactical latch bar in place of existing latch bar. While pressing in latch bar from the left side, insert roll pin on the right side of the newly installed latch bar.

# MOUNTING

## OPERATING YOUR VIRIDIAN

### 1. On/Off Activation

To turn the VIRIDIAN on, press either of the ambidextrous rubber tactile buttons and release within  $\frac{3}{4}$  of a second. To turn off simply press either button.

### 2. Momentary Activation

To turn on the VIRIDIAN in momentary mode, press either button and hold for more than  $\frac{3}{4}$  of a second. Once the button is released, the VIRIDIAN will turn off.

### 3. Changing Modes

Pressing both buttons while the laser is on will cycle through the 4 different modes of operation. Press both buttons and release each time to reach the next mode. The VIRIDIAN will remember the mode selection for the next use.

**X** **WARNING** ALWAYS KEEP  
YOUR FINGER AWAY FROM  
THE TRIGGER UNTIL YOU ARE  
READY TO FIRE.

# SMARTLASER™ TECHNOLOGY

## 1. **Four Separate, Unique Modes Of Operation**

Separate modes allow for individual laser recognition in tactical team situations. The 4 modes consist of 1 constant beam mode and 3 pulsing modes.

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## 2. **Automatic Power Shut Down**

In the event the VIRIDIAN is accidentally left on, it will shut down in approximately 10 minutes after a brief warning period. If you wish to keep the power on, simply press either button. This will reset the power down timer.

## 3. **Low-Battery Indicator**

Once battery power reaches a low level, the VIRIDIAN will blink once approximately every 10 seconds. The low battery indicator can be affected by temperature extremes or by using a battery other than those recommended by the manufacturer.

**X CAUTION GREEN LASERS  
WILL PERFORM BEST IN MODERATE  
TEMPERATURES. IN PREPARING  
FOR THE USE OF THE VIRIDIAN THE IDEAL  
STORAGE IS IN A COOL, DRY PLACE.**

## ZEROING PROCEDURES

**X** **WARNINGS** BEFORE HANDLING ANY FIREARM WITH THE VIRIDIAN, READ AND UNDERSTAND THE ENTIRE CONTENTS OF YOUR FIREARM MANUAL AND THE VIRIDIAN MANUAL, ESPECIALLY THE SAFETY PRECAUTIONS AND PROCEDURES FOR SAFE FIREARMS HANDLING.

ALWAYS CHECK TO SEE IF THE CHAMBER OF THE WEAPON IS EMPTY OR “CLEAR” BEFORE ATTEMPTING TO MOUNT OR DISMOUNT THE VIRIDIAN. FOLLOW THE “CLEARING” PROCEDURES AS SET FORTH IN THE MANUAL FOR YOUR FIREARM.

**BE SURE OF YOUR TARGET AND BACKGROUND BEFORE FIRING. WHEN YOU SQUEEZE THE TRIGGER, YOU MUST EXPECT THE PISTOL TO FIRE AND YOU MUST TAKE FULL RESPONSIBILITY FOR FIRING IT.**

1. Set up a target with a clearly visible aiming point.
2. Mount the VIRIDIAN onto the weapon's accessory mounting rail (see “Mounting” procedures).
3. Turn ON the VIRIDIAN (see “Operation” procedures).

**X** **CAUTION** DO NOT FORCE WINDAGE AND ELEVATION SCREWS BEYOND THEIR INTENDED TRAVEL.

## ZEROING PROCEDURES CONT.

- 10 4. While aiming the pistol through the iron sights, use one of the two provided adjustment wrenches to adjust the visible green point of the VIRIDIAN. Turn the windage and elevation wrench to superimpose the VIRIDIAN'S aiming point over the weapon's iron sight aiming point.
5. Aim and fire a three round shot group into the center of the target's aiming point.
6. Compare the impact point of the shot group to where the VIRIDIAN'S aiming point was on the target to ensure they line up.

7. Make the necessary adjustments to the VIRIDIAN to ensure its aiming point and the shot group are aligned.

8. Turn the unit OFF.

*The easiest way to align the VIRIDIAN is to hold the green aiming point perfectly fixed to the center of the intended target and then adjust windage and elevation so that your green aiming point is brought to the center of your shot grouping. The gun and the VIRIDIAN must remain in a fixed position while making these adjustments.*

**X CAUTION NEVER PUT YOUR HAND IN FRONT OF THE MUZZLE OF A FIREARM. ALWAYS KEEP YOUR FINGER AWAY FROM THE TRIGGER UNTIL YOU ARE READY TO FIRE. ALWAYS MAKE SURE THE WEAPON IS CLEAR AND ON SAFE BEFORE MAKING WINDAGE/ELEVATION ADJUSTMENTS.**

## BATTERY REPLACEMENT

1. With the unit dismounted from the gun, hold the VIRIDIAN in one hand and use a pointed object to press down the tab located in the rectangular hole at the bottom back center of the VIRIDIAN.
2. While depressing the tab, pivot the battery door away from the body of the VIRIDIAN. If a battery is located within the battery cavity, the battery door should automatically pivot away from the body of the VIRIDIAN given the pressure from the internal battery spring.
3. The battery may now be removed from the body of the VIRIDIAN by tipping the back of the VIRIDIAN downward and allowing the CR2 Lithium battery to slide out.
4. To replace the 3-Volt CR2 Lithium battery point the negative end of the battery forward and place into the battery cavity. The positive end of the CR2 Lithium battery should be visible in the battery cavity.
5. Place the two outer edge protrusions on the top of the battery door into the two receiving holes in the main housing of the VIRIDIAN. Pivot battery door downward until the latch engages into the rectangular hole and a “click” can be heard.
6. Make sure the VIRIDIAN is functioning by pressing one of the activation buttons. The laser should come on. If not, check to make sure that the battery door is secure. If the laser still does not operate, remove the battery door and check to see that the positive end of the battery in the VIRIDIAN is facing to the back and the negative end of the battery is facing to the front.

*NOTE: Some models (such as the WP22) will have a different location for the battery door release.*

**X CAUTION DO NOT STORE THE VIRIDIAN FOR EXTENDED PERIODS WITH THE BATTERY INSTALLED.**

## MAINTENANCE

### Front Lens Cover Notice:

The internal green laser module of the VIRIDIAN is equipped with an anti-reflective coated glass cover piece. If you notice any degradation in the quality of the green aiming point and/or beam, this front lens cover will need to be cleaned of any gun powder residue.

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**X WARNINGS** ALWAYS CHECK TO SEE THAT THE CHAMBER OF THE WEAPON IS EMPTY OR “CLEAR” BEFORE ATTEMPTING TO MOUNT OR DISMOUNT THE VIRIDIAN. 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 FROM YOUR WEAPON AND REMOVE THE BATTERIES.**

**IT IS RECOMMENDED THAT YOU CLEAN YOUR ACCESSORIES PERIODICALLY TO ENSURE PROPER WORKING CONDITION.**



## MAINTENANCE **CONT.**

### **Front Lens Cover Notice:**

This glass lens cover resides just inside the small aperture at the front of the VIRIDIAN. To clean the glass lens cover, carefully insert and gently swirl or glide a cotton swab over this glass lens.

The cotton swab should be dipped with clean water, alcohol, or general all-purpose window cleaner.

### **Exterior Of Unit:**

Clean the VIRIDIAN 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 WARNING DO NOT  
USE HIGHLY BASIC, ACIDIC,  
OR FLAMMABLE CLEANING  
COMPOUNDS. DO NOT USE  
ULTRASONIC CLEANING METHODS.**

# LIMITED WARRANTY

## LASER AIMING SYSTEMS CORPORATION 12 MONTH LIMITED WARRANTY

Laser Aiming Systems Corporation warrants for 12 months after purchase that its products will be free from defects in material and workmanship. Laser Aiming Systems Corporation 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. Laser Aiming Systems Corporation's obligation to repair or replace, at Laser Aiming System's option, shall be the purchaser's sole and exclusive remedy under this warranty.

Warranty does not cover battery leakage; contact battery manufacturer in this event. This warranty extends only to the original owner.

**THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN AS SET FORTH ON THIS PAGE, AND LASER AIMING SYSTEMS CORPORATION DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LASER AIMING SYSTEMS CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE.** For service or repair, return unit UPS prepaid with a copy of the sales receipt to Laser Aiming Systems Corporation.

## SERVICE

[www.ViridianGreenLaser.com](http://www.ViridianGreenLaser.com)

For service or repair, please call for an authorization number before returning unit. Send UPS prepaid with a copy of the sales receipt to:



GREEN LASER SIGHTS

**Viridian Green Laser Sight**

**5929 Baker Road**

**Suite 440**

**Minnetonka, MN 55345**

**ATTN: Service/Repairs**

**Phone: 1-800-990-9390**

**Fax: 1-952-882-6227**

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Laser Aiming Systems Corporation

Patent Pending Laser Aiming  
Systems Corporation

This Class IIIA laser product complies  
with US 21 CFR 1040.10 and 1040.11

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# NOTES

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GREEN LASER SIGHTS

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