



VIRIDIAN[®]
WEAPON TECHNOLOGIES

X SERIES GEN 3 MANUAL

CONGRATULATIONS

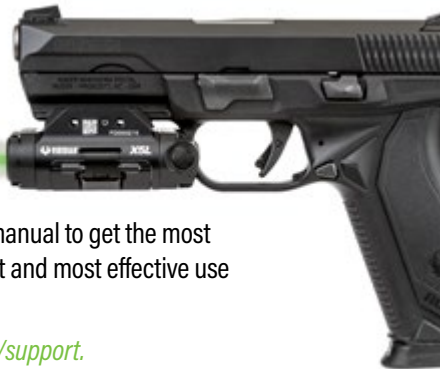
on your purchase of a Viridian® X SERIES Gen 3, the most advanced sighting device available.

**IF YOU HAVE TECHNICAL OR SERVICE
ISSUES WITH THIS PRODUCT,
DO NOT RETURN PRODUCT TO STORE.**

Please direct all questions to our
Customer Service Team at (800) 990-9390
or email Support@ViridianWeaponTech.com.

Please read and follow the instructions in this manual to get the most
use out of your Viridian product to get the safest and most effective use
out of your product.

Check out our FAQ's at ViridianWeaponTech.com/support.



SERVICE //

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 number and prepaid shipping label.



VIRIDIAN[®]
WEAPON TECHNOLOGIES

CONTACT SERVICE

800-990-9390

Support@ViridianWeaponTech.com

FAX: 763-479-4089

Viridian[®]

5475 Pioneer Creek Drive

Maple Plain, MN 55359

Check out FAQ's at ViridianWeaponTech.com/support.

X5L DIAGRAM //



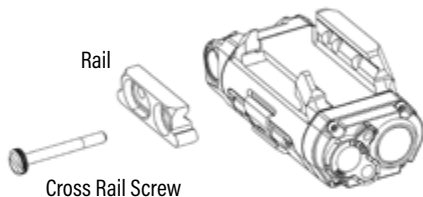
X5L WITH CAM & XTL WITH CAM DIAGRAM //



INSTALLATION ON GUN

1. Remove cross rail screw by rotating it counter clockwise to loosen.
2. Remove right rail from the housing body.
3. Place the unit onto the rail of the pistol and slide it back as close to the trigger guard as possible.
4. Replace the right rail and insert the cross rail screw in one of the three holes. Make sure the cross rail screw aligns with a rail slot in the frame.
5. Tighten the cross rail screw until it feels snug.

X **WARNING** 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.



WARNING 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.

LASER ZEROING PROCEDURES



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.

The visible laser can be adjusted to align with your guns impact by following these steps:

1. Set up a target with a clearly visible aiming point.
2. Mount the Viridian® onto the weapon's accessory mounting rail (see "Installation on Gun" procedure).
3. Turn ON the Viridian® (see "Functions" procedure for specific unit)

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

ZEROING PROCEDURES //

4. While aiming the pistol through the iron sights, use the provided adjustment tool to change the visible aiming point of the Viridian®. Turn the windage and elevation 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.

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

ATTACHING THE BATTERY //

Align the tab on the battery pack with the notch in the X SERIES housing. Notch is closest to USB port.



Tab aligned with notch.



Tab not aligned with notch.

Press battery into the unit housing and secure both latches (one on each side).


STATUS LIGHTS



Battery status light located near the ⚡ symbol will show battery status.



Battery Status
Green: > 50% Battery
Yellow: < 50% Battery
Red: < 25% Battery

Memory status light (CAM models only)
Near  symbol.



Memory Status
Green: > 60% Memory
Yellow: < 60% Memory
Red: < 30% Memory

CHARGING THE BATTERY

Plug mini USB cable into camera and then into USB port, or the wall (via USB converter).
Make sure that plug is lined up correctly.

**Note: Camera begins recording prior to the memory status light illuminating.*

FUNCTIONS (NON-CAM MODELS) //

OPERATION

Ambidextrous activation buttons are located on either side of the back switch cover.

Momentary Activation

Press lightly on one of the buttons and release.

Constant Activation

Press hard enough to click and light will stay on.

Switching Light Modes

Press and release both buttons at the same time while the light is on. The light will toggle between 6 different modes. Modes include: constant laser, constant laser & constant light, constant laser & strobing light, pulsing laser, pulsing laser & constant light, constant light.

Activation Buttons
(one on each side)



Adjusting Light Intensity

Press and hold both buttons for more than 3 seconds while the light is on constant mode. The light will cycle through high/medium/low brightness. Release the buttons at the desired brightness. Brightness settings will affect overall run time.

FUNCTIONS (CAM MODELS) //



ATTENTION: To fully understand the functions of the device we suggest you visit ViridianWeapontech.com/xseriesgen3 and view our video tutorials.

Powering on your Device

Ambidextrous activation buttons are located on either side of the back switch cover. Simply click either button to activate your device. Now that your device is powered on you will need to decide if you would like to enable your camera.

Enabling the Camera

To enable your camera, perform deliberate double-clicks of both buttons at the same time while your


device is powered on. *When double clicking to enable or disable your camera make sure your fingers come off the buttons between clicks.* You can confirm that the camera is recording by checking the recording indicator light near the  symbol is blinking. Note: The camera will begin recording approximately 2 seconds before the indicator light near the  symbol starts blinking.

Now that your camera has been enabled it will begin recording every time your device is powered on - either with your activation buttons or INSTANT-ON.

Camera Deactivation

Power up the device again and perform the same

FUNCTIONS (CAM MODELS) CONT. //

deliberate double-clicks of both activation buttons. Now the camera is disabled and will not record when the device is powered on. **Note:** If camera is disabled, the recording indicator light near the  symbol will not blink.

Momentary Activation

Your X Series device is equipped with new momentary activation technology. Applying light pressure to either button will activate momentary mode. Releasing the pressure will turn the device off.

If your camera is disabled, momentary activation will activate your laser/light in whatever mode it was last set in.

If your camera is enabled, momentary activation will turn on whatever mode it was last in and the camera will record for 3 minutes. Your camera will continue to record for 3 minutes after your last momentary button press.

Switching Modes

To toggle through modes, press and release both buttons at the same time. Make sure to pause one second in between each press. Your battery indicator light will rapidly flash when in this mode.

FUNCTIONS (CAM MODELS) CONT. //

X5L with CAM Modes

Camera Enabled	Camera Disabled
Constant Laser Only	Constant Laser Only
Constant Laser & Constant Light	Constant Laser & Constant Light
Constant Laser & Strobing Light	Constant Laser & Strobing Light
Pulsing Laser Only	Pulsing Laser Only
Pulsing Laser & Constant Light	Pulsing Laser & Constant Light
Constant Light Only	Constant Light Only
Camera Only	

FUNCTIONS (CAM MODELS) CONT. //

XTL with CAM Modes

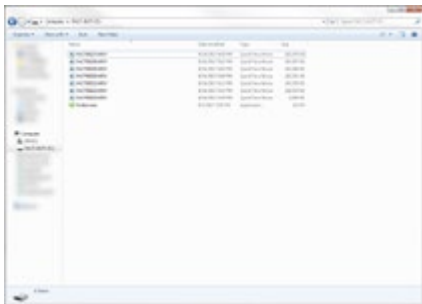
Camera Enabled	Camera Disabled
Constant Light Only	Constant Light Only
Strobing Light	Strobing Light
Camera Only	

Adjusting Light Intensity

Press and hold both buttons for more than 3 seconds while the light is in constant mode. The light will cycle through high/medium/low brightness. Release the buttons at the desired brightness. Brightness settings will affect overall run time.

ACCESSING VIDEO FILES (CAM MODELS) //

1. Plug the camera in using the mini USB cable.
2. The drive folder will show video files recorded on the camera.



3. If you wish to modify certain settings on your camera go to ViridianWeaponTech.com/xseriesgen3 to download the consumer Weapon-Mounted Camera software.

Once the software is downloaded, plug your camera in via the USB cord and open the software. You can then choose to modify your settings.

**NOTE: Software is compatible on PCs only*

ACCESSING VIDEO FILES CONT. //

CAMERA OPTIONS Sync Current PC Time - Syncs the time stamp to your current PC time

Overwrite - By default, once the memory is full, the camera will overwrite the oldest files. Select "No" and the camera will stop recording once the 32GB on-board memory is full.

Video Resolution - Choose between 1080p/30FPS or 720p/30FPS resolution.

FILE ACCESS

Open File Folder - Click to view video files



BATTERY SPECIFICATIONS //

2P RECHARGEABLE LITHIUM POLYMER BATTERY PACK

Manufacturer

Y/J Power Group Limited

Model Number

350-0009

Milliamp Hours

1000mAh

Volts

3.8V-4.3V

WARNING:

Danger of short circuit. Do not throw into fire - risk of explosion that may cause burns and other severe injury. Do not immerse battery in water, this may damage battery.



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)

MANUFACTURERS ID LABEL



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: 532-510nm
Emission Type: CW/Pulse
Beam Diameter: <3mm at aperture
Class 3R Laser Product

VIRIDIAN RED* WARNING LABEL



Output Power: <5 mW
Wavelength: 635-650nm
Emission Type: CW/Pulse
Beam Diameter: <3mm at aperture
Class 3R Laser Product

**WARNING LABEL
PLACEMENT**



WARNINGS

1. Before handling any firearm with Viridian® product, read and understand the entire contents of your firearm manual 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 manual 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 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 of your firearm.

WARNINGS (CONTINUED)

8. Always make sure the firearm is “clear” and on safe before making windage/elevation adjustments.
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 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 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 come in contact with eyes or skin. Do not expose battery to excessive heat. Follow battery manufacturers’ instructions as to the proper handling, storage and disposal of battery.
13. **CAUTION:** Use of controls or adjustments or performance of procedures other than those specified in the manual can be dangerous and may result in serious injury, damage to property or death.

7 YEAR LIMITED WARRANTY

7 YEAR LIMITED WARRANTY FOR X5L

Viridian® warranties for 7 years after purchase that its laser sight products (not including camera models) 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 or 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 unit or any product misuse by the customer voids the warranty. Warranty does not apply to damage due to accident or natural disaster. Warranty does not extend to battery leakage, depletion or decline in performance due to normal aging or to battery issues caused by misuse. See battery specifications, operational instructions and warnings in manual available at ViridianWeaponTech.com. This 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 LIMITED WARRANTY

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 warranty questions or servicing of your product, please call (800) 990-9390 or email customer service at Support@ViridianWeaponTech.com.

2 YEAR LIMITED WARRANTY



2 YEAR LIMITED WARRANTY FOR CAM MODELS

Viridian® warranties for 2 years after purchase that its CAM recording products, will be free from defects in material and workmanship. Viridian® will repair or replace, at its option, any product or part 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 unit or any product misuse by the customer voids the warranty. Warranty does not apply to damage due to accident or natural disaster. Warranty does not extend to battery leakage, depletion or decline in performance due to normal aging or to battery issues caused by misuse. See battery specifications, operational instructions and warnings in manual available at ViridianWeaponTech.com. This 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 LIMITED WARRANTY

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 warranty questions or servicing of your product, please call (800) 990-9390 or email customer service at Support@ViridianWeaponTech.com.



VIRIDIAN[®]
WEAPON TECHNOLOGIES



DESIGNED & BUILT IN THE USA

5475 Pioneer Creek Dr. Maple Plain, MN 55359 | (800) 990-9390 | ViridianWeaponTech.com

740-0027