

VISM®

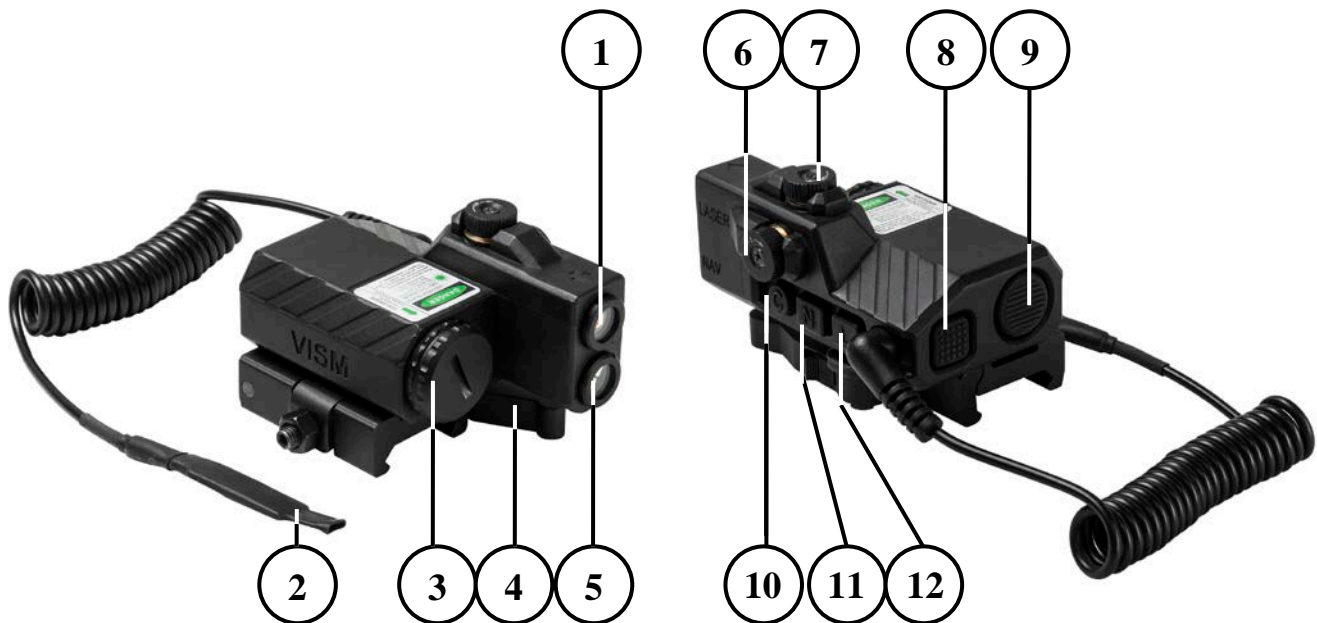
**OFFSET GREEN LASER DESIGNATOR
with
RED AND WHITE NAVIGATION LED**

OWNER'S MANUAL

Offset Laser Designator with Quick Release Mount

Congratulations on the purchase of your new VISM® Green Laser and 2 Color Navigation Light Designator (LD)! The Laser/ NAV Light Designator give you some very unique features not found in other Laser/ NAV Light Designator. A pod is integrated into the front of the LD Designator, the top portion of the pod is an adjustable Green Laser and the bottom portion is Red and White Navigation Lights. Other Features are: Locking Quick Release Mount, detachable Remote Pressure Switch, Laser Windage and Elevation Turrets, Momentary Switch buttons, and Constant On buttons for the Laser/ NAV Light.

This Owner's Manual will help you understand all of the features of your new LD Designator. Please follow all instructions carefully before initial use to experience the best performance.



1. Laser Aperture
2. Remote Pressure Switch
3. Battery Cap
4. Quick Release Lever
5. NAV Lights
6. Laser Windage Adjustment
7. Laser Elevation Adjustment

8. NAV Light Momentary Switch Button
9. Laser Momentary Switch Button
10. NAV Light Color Change Button
11. Constant On Button for NAV Light
12. Constant On Button for Laser

Mounting the LD Designator

The LD Designator is equipped with a Quick Release Mount with an Auto-Locking Latch. To attach the LD Designator to a Weaver/ Picatinny/ MIL-STD 1913 type rail, move the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. Place the Quick Release Mount onto the Weaver/ Picatinny type rail, with the Recoil Lug placed into one of the cross slots. Move the Quick Release Lever rearward (Closed position) to secure/tighten the Quick Release Mount to the Weaver/Picatinny type rail.

On the Right side of the Quick Release Mount is a Lock Nut and Allen Head Adjustment Screw. The Allen Head Adjustment Screw is used to adjust the rail mount tension. To adjust the rail mount

tension, you must first loosen the Lock Nut Counter-Clockwise (↺). Once the Lock Nut is loosened or removed, you can then use an Allen wrench to turn the Allen Head Adjustment Screw.

Turn the Allen Head Adjustment Screw Clockwise (↻) to make the rail mount tension Tighter, turn the Allen Head Adjustment Screw Counter-Clockwise (↺) to make the rail mount tension Looser.

To test the rail mount tension, open and close the Quick Release Lever while mounted on the Weaver/ Picatinny type rail. Make adjustments to the Allen Head Adjustment Screw until you get the proper rail tension. Once you have the rail mount tension properly adjusted, turn the Lock Nut Clockwise (↻) to Lock the Allen Head Adjustment Screw in place.

Dismounting the LD Box

To remove the LD Box from a rail, slide the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. You can then remove the LD Box from the rail.

Green Laser Control

There are three methods for activating the Laser:

1. The Laser Constant On/Off Button is located on the left side of the Main Body. Press the small square Button to turn the Laser On, a second press will turn Off the Laser.
2. The Laser Momentary Button is located on the back of the Main Body; the Round Button is for the Laser. Press and Hold the Round Button to turn the Laser On, releasing pressure on the Round Button will turn the Laser Off.
3. The Remote Pressure Switch will also control the Laser. The Remote Pressure Switch plugs into the 3.5mm Jack located on the Left Rear side of the Main Body. The Remote Pressure Switch pad has two zones to control the Green Laser and the NAV Light. Pressing the forward section of the pressure pad will activate the Laser. When pressure is applied the Laser will turn On, releasing pressure will turn the Laser Off.

Laser Windage and Elevation Adjustment Screws

The LD Laser/ NAV Light Designator is equipped with Elevation and Windage Adjustment Turrets which changes your Green Laser point of aim, relative to your rifles point of impact.

The Elevation Adjustment Turret is located on Top Side of the LD Box Main Body, and is responsible for the Up and Down movement of the Green Laser.

Turning the Elevation Adjustment Turret Clockwise (↻) will move the Laser Up (↑).

Turning the Elevation Adjustment Turret Counter-Clockwise (↺) will move the Laser Down (↓).

The Windage Adjustment Turret is located on the Left side of the Main Body, and is responsible for the Left and Right movement of the Green Laser.

Turning the Windage Adjustment Turret Clockwise (↻) will move the Laser Left (⇐).

Turning the Windage Adjustment Turret Counter-Clockwise (↺) will move the Laser Right (⇒).

Navigation Lights Control

The LD Laser/ NAV Light Designator has integrated Red and White Navigation LEDs. The NAV Light color is changed by the C button on the left side of the Main Body.

There are three methods for activating the NAV Light:

1. The Constant On/Off Button is located on the left side of the Main Body. Press the small square Button to turn the NAV LED On, a second press will turn Off the NAV LED.
2. The NAV Light Momentary Button is located on the back of the Main Body; the Square Buttons is for the NAV Light. Press and Hold the Square Button to turn the NAV Light On, releasing pressure on the Square Button will turn Off the NAV Light.
3. The Remote Pressure Switch will also control the NAV Light. The Remote Pressure Switch plugs into the 3.5mm Jack located on the Left Rear side of the Main Body. The Remote Pressure Switch pad has two zones to control the Green Laser and the NAV Light. Pressing the rear section of the pressure pad will activate the NAV Light. When pressure is applied the NAV Light will turn On, releasing pressure will turn Off the NAV Light Off.

The NAV Lights do not replace a weapons mounted Tactical Flashlight, they are meant to supplement it.

The LD Navigation Lights allow the shooter the option to use to the lower powered LED NAV Lights to move around in the dark without bumping into obstacles, without giving the shooters position away to an adversary, and also maintaining the shooters night vision to better see in the dark.

Battery Installation

On the front side of the LD Main Body you will find the Battery Cap with a machined notch in the center. If the Battery Cap is too difficult to turn, you may use a small coin to break it loose. The Battery Cap is removed by turning the Battery Cap Counter-Clockwise (↺).

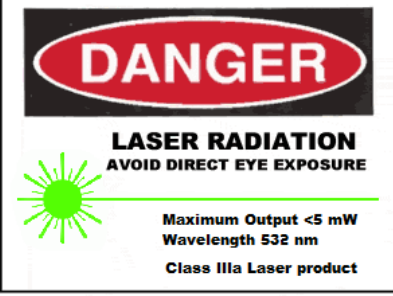
Remove the old battery and dispose of it properly. Replace it with a New 3-volt CR123A Lithium Battery, with the positive (+) side facing outward. Reinstall the Battery Cap by twisting it Clockwise (↻) until snug.

If after you replace the Battery and the Green Laser and Navigation LED Lights do not turn On, make sure you have installed the Battery orientation correctly or try another New Battery.

If the Green Laser does not turn On, but the Navigation LED Lights turn On, the Battery may be near the end of its battery life and it's time for a New Battery.

Make sure that the Green Laser, and the Navigation LED Light is turned OFF when not in use to preserve battery life. If you are going to store your LD Designator for a prolonged period of time it is best to remove the battery to avoid leakage that can damage the LD Designator.

VISM® LD SPECIFICATIONS

Laser/ NAV Light Designator		Green Laser
<p>Length: 3.2” Width: 2.3” Height: 1.6” Weight: 6.6 oz. Battery Type: CR123A (3 volts Lithium)</p> <p>Models Available: VLGSNVQRB: Black Body VLGSNVQRT: Tan Body</p>		<p>Wavelength: 532 nm Maximum Output Power: <5mW Operating Voltage: 3V DC Line Width: <0.1 nm Beam Divergence: <1mrad Beam Diameter: <1 mm Operation Current: <300mA Operating Temperature: 59 – 95 degrees Fahrenheit</p>

VISM®

FOR TECHNICAL ASSISTANCE

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