



**MICRO GREEN DOT WITH  
INTEGRATED RED LASER**

**US PATENT: D679,775**

**OWNER'S MANUAL**

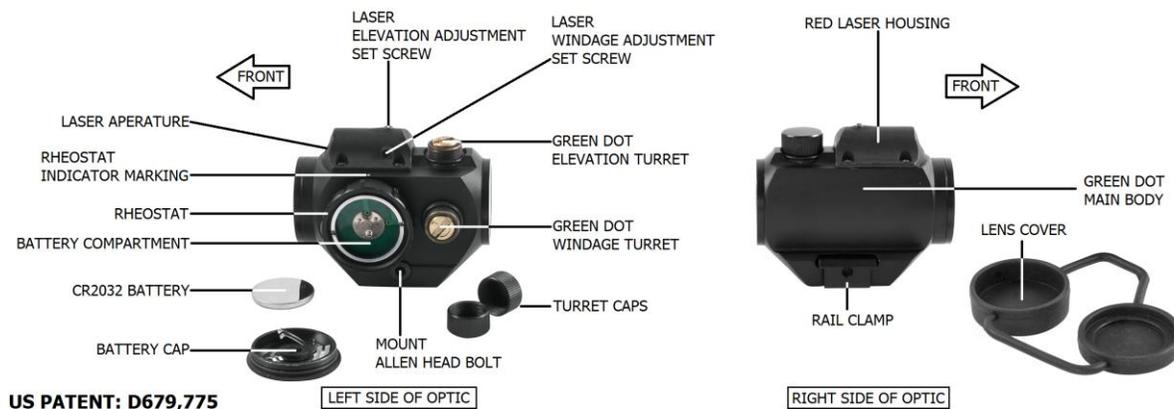
# MICRO GREEN DOT with INTEGRATED RED LASER

The Patented Micro Green Dot with Integrated Red Laser is a compact optical system packed with many features. The Green Dot is designed as the primary targeting system and the Red Laser as a secondary targeting device. You may use the Green Dot or Red Laser individually or you have the option to use both the Green Dot and Laser at the same time. The Red Laser can be used for quick point shooting with targets close to the shooter. The Micro Green Dot and Red Laser combo will mount to nearly any Weaver/ Picatinny type rail.

Backed by America's Best Warranty, your VISM Optic will provide you with years of reliable service. This Owner's Manual will help you understand all of the features of your new Dot Sight. Please follow all instructions carefully before initial use to experience the best results.

## Features:

- Green LED (Light Emitting Diode) dot reticle is 100% safe for the eyes.
- Unlimited eye relief.
- Compact Optic Design.
- Green Dot Reflex Optic that is fully adjustable for Elevation & Windage.
- Five brightness settings for the Green Dot Sight.
- Integrated Red Laser sight that is fully adjustable for Elevation & Windage
- Ability to use Green Dot or Red Laser Individually, or Both at the same time.
- Integrated rail mount for mounting onto Weaver/ Picatinny type rails
- VDGRLB (Black model) - Black anodized aluminum construction.
- VDGRLT (Tan model) - Tan powder coated aluminum construction.



## Mounting the Optic

The optic's mount is the link between your firearm and your optic. It is very important to have a solid connection between the two in order to ensure proper function of all components. VISM has made installation of your optic easy by incorporating the Weaver/Picatinny type mount into the Green Dot Main Body.

This optic's low profile mount is suitable for firearms with a stock that has a cheek rest that drops down below the firearm's optics rail. If you're using this on a firearm with the stock and cheek rest at the

same plane as the firearm's optics rail (such as an AR15 platform) we recommend the use of a riser mount. A ¾" riser mount is recommended for the AR15 platform. NcSTAR and VISM have several riser mount options available. Please visit our web site to view the available mounts: [www.ncstar.com](http://www.ncstar.com)

You should place your firearm on a secure platform, such as a gun vise, before performing any of the following procedures.

**CAUTION: CAREFULLY FOLLOW ALL OF THE MOUNTING PROCEDURES. FAILURE TO DO SO CAN CAUSE DAMAGE TO YOUR SIGHT OR FIREARM**

**CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARM HANDLING PROCEDURES AT ALL TIMES.**

1. Begin by loosening the Mount Allen Head Bolt on the left side of the Main Body. Using the provided 3mm Allen Wrench, turn the Allen Head bolt in the Mount Counter-Clockwise (↺) to loosen Rail Clamp from the mount.
2. After loosening Allen Head Bolt, push in the Allen Head Bolt inwards towards the mount, this will push the Rail Clamp away from the mount. This will allow you place the Green Dot directly onto the optics rail of your firearm. Seat the Green Dot sight onto the top of your firearm's optics rail, with the Objective Lens (Platinum coated lens) facing the muzzle. Make sure that the Allen Head Bolt on the bottom of the Mount fits securely into a cross slot on your firearm's optics rail. Once you have your sight positioned properly, turn the Allen Head Bolt Clockwise (↻) until the Rail Clamp secures the Green Dot sight to the firearm's optics rail.
3. You have now successfully mounted your sight.

## **Dismounting the Optic**

1. Begin by loosening the Mount Allen Head Bolt on the left side of the Main Body. Using the provided 3mm Allen Wrench, turn the Allen Head bolt in the Mount Counter-Clockwise (↺) to loosen Rail Clamp from the mount.
2. After loosening Allen Head Bolt, push in the Allen Head Bolt inwards towards the mount, this will push the Rail Clamp away from the mount. This will allow you remove the optic from the rail.

## **Operation**

The Rheostat Knob performs a number of functions. The Rheostat Indicator Marking is printed and located on the top of the Main Body with a White Dot. There are Numbers and Letters printed on the edge of the Rheostat Knob.

- The Rheostat Knob is the ON/OFF switch for both the Green Dot Sight and the Red Laser Sight. The Green Dot and Red Laser will be in the OFF position when the Rheostat Knob is set to the Number "0".

- The Numbers “1-5” are different brightness settings for the Green Dot, in which “1” is the dimmest setting and the higher numbers increases the brightness level of the Green Dot. Number “5” is the maximum brightness level for the Green Dot.
- The Letter “L” (for ‘Laser’) on the Rheostat Knob will turn ON the Red Laser Only.
- The letter “B” (for ‘Both’) will allow the user to turn BOTH the Green Dot sight and Red Laser ON at the same time.
- After you are done using the optic make sure that the Rheostat Knob is set to “0” (OFF position) in order to preserve battery life.

## **Zeroing Your Green Dot Sight**

### **Adjusting the Green Dot Windage and Elevation:**

The Green Dot optic equipped Windage and Elevation Turrets. The Elevation Turret is located on top of the Main Body. First remove the Turret Cap Counter-Clockwise (⤵) from the Elevation Turret and use a flat blade screwdriver or coin to make elevation adjustments.

- Turning the Green Dot Elevation Turret Clockwise (⤵) will move the Green Dot Up (↑), moving the Bullet Impact Down (↓).
- Turning the Green Dot Elevation Turret Counter-Clockwise (⤴) will move the Green Dot Down (↓), moving the Bullet Impact Up (↑).

The Windage Turret is located on the Left side of the Main Body. First remove the Turret Cap Counter-Clockwise (⤵) on the Windage Turret and use a flat blade screwdriver or coin to make windage adjustments.

- Turning the Green Dot Windage Turret Clockwise (⤵) will move the Green Dot to the Left (←), moving the Bullet Impact Right (→).
- Turning the Green Dot Windage Turret Counter-Clockwise (⤴) will move the Green Dot to the Right (→), moving the Bullet Impact Left (←).

Reinstall both of the Turret Caps Clockwise (⤴) once you have made all necessary adjustments.

**NOTE:** Each click of adjustment changes the point of impact (where the bullet strikes the target). This means that adjusting in direction of the markings on the Windage Turret stating → L will move the point of impact to the Left (←). This also means that adjusting in direction of the markings on the Elevation Turret stating → UP will move the point of impact Up (↑). Each click will move the Green Dot by the amount shown on the chart below.

Windage/Elevation inches of movement per click				
25 yards	50 yards	75 yards	100 yards	200 yards
1/4"	1/2"	3/4"	1"	2"

## **Sighting In Your Green Dot Sight:**

After you have completed installation of your Optic it will be necessary to adjust the Optics point of aim to match the rifles point of impact. This can be accomplished using several methods, but we recommend the use of a Bore Sighting Device to save time and ammunition. Using a Bore Sighting Device will ensure that your shots land “on paper”. Follow the Manufacturer’s Instructions for the Bore Sighting Device that you choose in order to achieve the best results. You are now ready to finalize your Zero.

**CAUTION: ALWAYS BE SURE TO REMOVE THE BORE SIGHTING DEVICE BEFORE SHOOTING LIVE AMMUNITION. FAILURE TO DO SO CAN CAUSE DAMAGE TO YOUR FIREARM OR INJURY TO YOURSELF AND THOSE AROUND YOU.**

**CAUTION: WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.**

Bore Sighting alone is not sufficient enough to ensure an accurate Zero. You must shoot you firearm at the range in order to confirm a 100% accurate Zero. Follow these steps to fine tune your Optic adjustments:

1. Secure your firearm using a steady platform such as a rifle bench rest or sand bags.
2. Fire 3 to 5 carefully aimed shots at a target that is set to your desired Zeroing distance.
3. Observe where the bullet grouping has struck the target and make adjustments to the Elevation and Windage settings as necessary until your point of aim matches your point of impact.
4. Continue with this process until you have achieved your desired level of accuracy.
5. Your Optic is now Zeroed to your firearm at the distance that you have chosen.

It is important to remember that many factors can affect the accuracy of your optic’s zero including temperature, humidity, elevation, distance, angle, and other conditions. Changing ammunition brands can affect accuracy as well.

**CAUTION: AVOID DIRECT EYE EXPOSURE TO LASER BEAM!**

## **Zeroing Your Red Laser Sight**

### **Adjusting the Laser Windage and Elevation:**

The integrated Red Laser on your optic is adjustable for both Elevation and Windage. The Laser Windage Adjustment Set Screw and Laser Elevation Adjustment Set Screw are both found on the Red Laser Housing located at the very top of the Main Body, and can be adjusted by using the provided 1.5mm Allen Wrench.

- To adjust the Laser Elevation Up (↑), turn the Laser Elevation Adjustment Set Screw Clockwise (↻).
- To adjust the Laser Elevation Down (↓) turn Laser Elevation Adjustment Set Screw Counter-Clockwise (↺).
- To adjust the Laser Windage Left (⇐), turn the Laser Windage Adjustment Set Screw Clockwise (↻).
- To adjust the Laser Windage Right (⇒), turn the Laser Windage Adjustment Set Screw Counter-Clockwise (↺).

**NOTE:** For zeroing/sighting in your Red Laser Sight, please use the same instructions above titled SIGHTING IN YOUR GREEN DOT SIGHT.

## **Battery Installation**

Your Green Dot with Integrated Red Laser optic comes ready to use with a pre-installed CR2032 battery from the factory. If the battery life expires or your optic or laser no longer illuminates, follow these simple instructions:

1. The Battery compartment is located within the Rheostat Knob.
2. On the top of the Rheostat Knob you will notice a thin Battery Cap. To remove this Battery Cap grasp the knurled edge of the Battery Cap firmly with one hand and twist it off Counter-Clockwise (⤿), while holding the Rheostat Knob firmly in place with the other hand.
3. Remove the old battery and dispose of it properly. Replace it with a new 3 volt Lithium Battery type CR2032 only. Place the new CR2032 Battery in the Battery Compartment with the Positive “+” terminal facing out towards the Battery Cap. Twist the Battery Cap Clockwise (⤻) back onto the Rheostat Knob and hand tighten. Avoid using tools (such as pliers) to perform this procedure as this may cause damage to the unit.

**NOTE:** If the Green Dot reticle functions, but the Red Laser does not turn On, then the Battery may not have enough charge to power the Red Laser. The Red Laser requires more energy to activate than the Green Dot reticle. Replace the battery with a brand new CR2032 Battery for the Red Laser to function as normal.

## **Care and Maintenance**

Your VISM Dot Sight is a factory sealed unit, please do not attempt to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush and the lens cloth provided with your sight. For a deep cleaning, you can also use high quality camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your sight. Clean the outer edge of the lens cavity first with cotton swabs, clearing as much debris and dust as possible. Then, gently clean the lenses using a circular motion starting in the center and ending at the edges. Do not rub the lenses continually; simply wipe in small circular patterns. Maintain the exterior surfaces of the scope by removing dirt or sand by using a soft brush or a soft dry cloth. You can also use a silicone treated cloth to restore luster of the optics body and protect the scope against corrosion. Be careful not to touch any of the lenses with the silicone cloth. When not in use, always store your sight in a dry place with lens covers on to prevent scratches to the lenses.

**IF YOU ARE UNFAMILIAR WITH ANY OF THE PROCEDURES IN THIS MANUAL, ALWAYS SEEK THE HELP OF A QUALIFIED PROFESSIONAL TO AVOID DAMAGE TO YOUR DOT SIGHT AND YOUR FIREARM.**

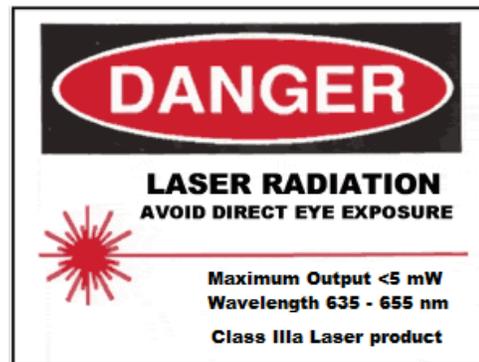
## **Specifications:**

### **GREEN DOT REFLEX OPTIC:**

- OBJECTIVE LENS DIAMETER: 25MM
- MAGNIFICATION: 1X
- RETICLE: GREEN DOT
- DOT SIZE: 3 MOA
- CLICK VALUE: 1 MOA
- LENS COATING: PLATINUM
- BATTERY TYPE: CR2032
- LENGTH: 2.44" (2.64" WITH LENS COVER)
- WIDTH: 1.67"
- HEIGHT: 1.90"
- WEIGHT: 4.0 OZ.
- BODY COLORS:
  - VDGRLB – BLACK ANODIZED
  - VDGRLT – TAN POWDER COATING

### **RED LASER:**

- LASER CLASS: CLASS IIIa
- LASER WAVELENGTH: 635-655nm
- MAXIMUM OUTPUT POWER: <5mW



**NOTE:** The Objective Lens (Platinum coating) is angled by design from the factory. It is not a manufacturing defect. The Objective Lens is engineered at the proper angle to reflect LED Dot Reticle (which is projected from the side of the optic's body) back to the shooters eye centered in the lens and scope body when viewed from the Ocular Lens.

**US PATENT: D679,775**

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