



NcSTAR

**Tactical Red, Green, Blue Dot Sight
with Cantilever Mount**

INSTRUCTIONS

Tactical Red, Green, Blue Dot Sight with Cantilever Mount

Item# DRGB135

- ❖ **PLEASE FOLLOW ALL OF THE DIRECTIONS IN THIS MANUAL CAREFULLY.**
- ❖ **CAUTION: ALWAYS PRACTICE SAFE FIREARMS HANDLING.**
- ❖ **BE SURE THAT THE FIREARM IS UNLOADED BEFORE PERFORMING ANY OF THE FOLLOWING PROCEDURES.**
- ❖ **BE SURE THAT THE FIREARM IS POINTED IN A SAFE DIRECTION AT ALL TIMES.**

The DRGB135 is a 35mm Compact Red/Green/Blue Dot optical system with a Cantilever Mount. The Cantilever Mount will mount onto nearly any Weaver Style or Picatinny rail. This Optic is also backed by our Lifetime Limited Warranty. We trust that you will receive many years of enjoyment and service from your new Compact Red and Green Dot optical system.

- ❖ **For optimum performance, please follow all of the procedures in this Owner's Manual very carefully.**

FEATURES:

- Unlimited eye relief
- Black anodized aluminum construction
- Three brightness settings for the Red, Green, Blue Dots
- 30mm Cantilever Weaver Style Mount for mounting onto most Weaver Style/Picatinny rails
- Red, Green, and Blue LEDs (Light Emitting Diode) 100% safe for the eyes

SPECIFICATIONS:

- Length: 5.0"
- Width: 2.7"
- Height: 3.1"
- Weight: 8.9 oz.
- Mount Length: 2.68"
- Objective Lens Diameter: 35mm
- Magnification: 1X
- Reticle: Red, Green, & Blue Dot
- Dot Size: 3 MOA
- Click Value: 1 MOA
- Lens Coating: Platinum
- Battery Type: CR2032

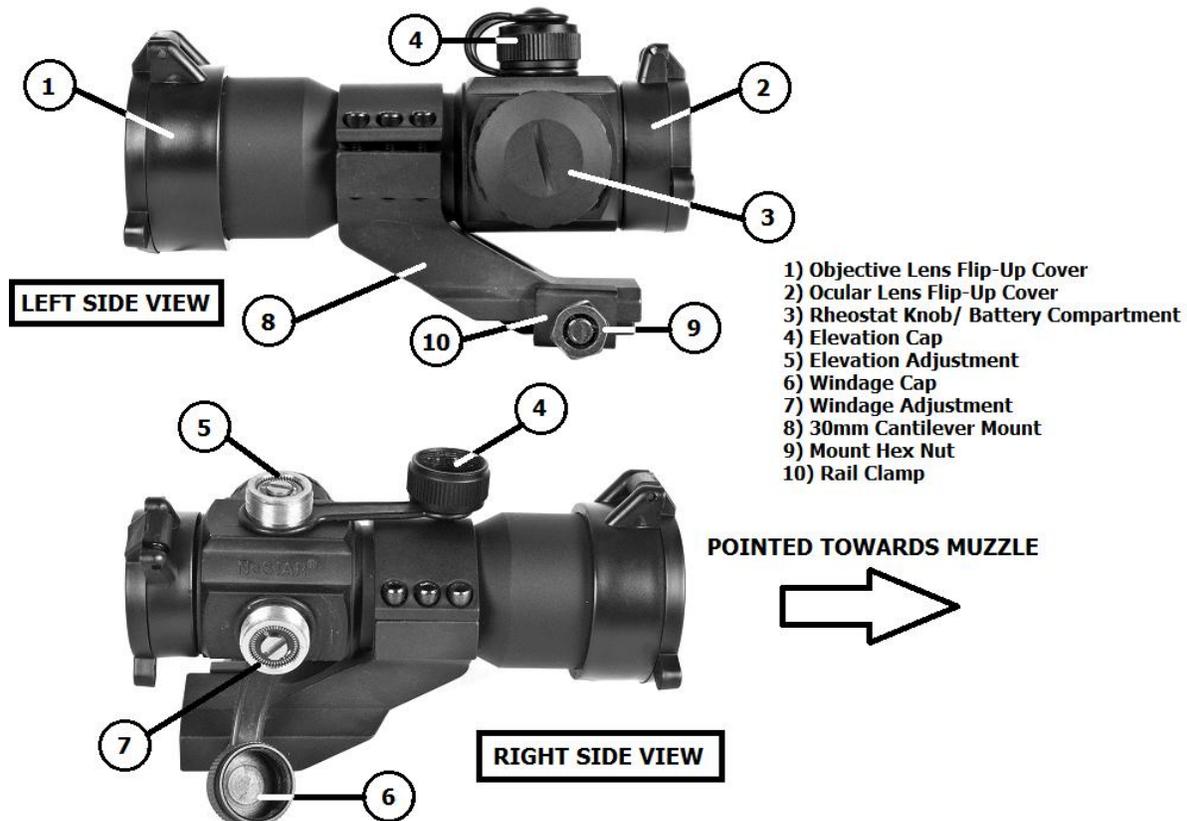
MOUNTING PROCEDURE

Your optic's mount is the link between your firearm and your optics. It is very important to have a solid connection between the two in order to ensure proper function of all components. NcSTAR has made installation easy for the DRGB135, by including a 30mm Cantilever Mount (8) with the optic. 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 Hex Nut (9) on the side of the mount. Using a wrench of the appropriate size, turn the Mount Hex Nut on the Mount counter-clockwise to loosen the Rail Clamp (10) from the mount.
2. After loosening the Mount Hex Nut (9), pull the Rail Clamp (10) away from the side of the mount. This will allow you to place the Red/Green/Blue Dot directly onto the optics rail of your firearm. Seat the Red/Green/Blue 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 Mount Cross 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 Mount Hex Nut (9) clockwise until the Rail Clamp (10) secures the Red/Green/Blue Dot sight to the firearm's optics rail. If you are using a wrench to tighten the mount, be careful to not over-tighten the nut.
3. You have now successfully mounted your sight.



OPERATION

The Rheostat Knob (3) performs a number of functions. The Rheostat indicator marking is printed and located on the top of the optic with a White Dot.

There are Numbers and Letters printed on the Rheostat Knob.

- The DRGB135 will turn OFF when the Rheostat Knob is set to any of the Letters "R,G, or B". The Rheostat Knob functions as an ON/OFF switch and brightness control for the Red/Green/Blue Dot Sight.
- The Numbers "1-3" are different brightness settings for the Red/Green/Blue Dot, in which "1" is the dimmest setting and the higher numbers increases the brightness level of the Red/Green/Blue Dot. Number "3" is the maximum brightness setting for the Red/Green/Blue Dot.
- After you are done using the DRGB135, make sure that the Rheostat Knob is set to Letters "R,G, or B" in order to preserve battery life.

ZEROING YOUR GREEN DOT SIGHT

ADJUSTING WINDAGE AND ELEVATION:

Your DRGB135 is equipped with adjuster turrets for Windage and Elevation. The Elevation Adjustment (5) is located on top of the Optic's Body. First remove the Elevation Cap (4) off the Elevation Adjustment (5) and use a flat head screwdriver or a coin to make Up/Down Elevation adjustments.

Twisting the Elevation Adjustment (5) Counter-Clockwise move the Dot Down, and twisting the Elevation Adjustment (5) Clockwise will move the Dot Up. Replace the cap once you have made all necessary adjustments.

The Windage Adjustment (7) is located on the right side of the Optic's Body. First remove the Windage Cap (6) off the Windage Adjustment (7) and use a flat head screwdriver or a coin to make Left/Right Windage adjustments.

Twisting the Windage Adjustment (7) Counter-Clockwise will move the Dot to the Left, and twisting the Windage Adjustment (7) Clockwise will move the Dot to the Right.

NOTE: Each click of adjustment changes the point of impact (where the bullet strikes the target). This means that the markings on the Windage Adjuster stating L → will actually move the Dot to the right. This also means that the markings on the Elevation Adjuster UP → will move the Dot down. Each click will move the 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:

We recommend the use of a bore sighting device to save time and ammunition when zeroing your sight. This device will help you get on paper much quicker. Follow all of the instructions set by the manufacturer of your bore sighting device very carefully. Once you have achieved a relative zero by way of bore sighting, it is still necessary to shoot your firearm to ensure an accurate zero.

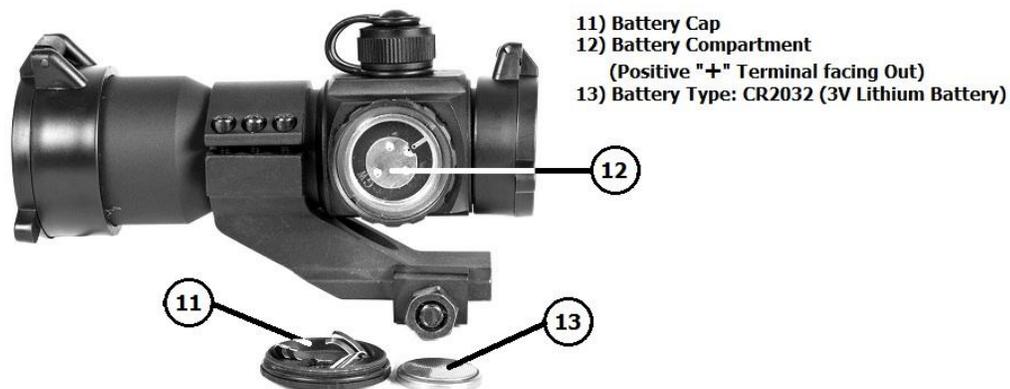
CAUTION: Always be sure to remove the bore sighting device from your firearm, before shooting live ammunition. Failure to do so can result in damage to your firearm, or injury to yourself and those around you.

With some firearms it may not be possible to use a bore sighting device. In this case it will be necessary to use a more traditional method of zeroing.

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.

1. From a steady rest position (such as a shooting bench), fire three to five round groupings at a target. Aiming at the same exact point on the target for each shot.
2. Observe where the bullets have struck and grouped together on the target. Adjust the optics Elevation and Windage Adjustments as necessary to the center point of your latest shot grouping, until your point of aim (Dot reticle) matches your point of impact. Repeat these two steps until you're satisfied with your optic's Zero.

BATTERY INSTALLATION



Your DRGB135 comes ready to use with a pre-installed battery. If the battery life expires or your scope no longer illuminates, follow these simple replacement instructions:

1. The Battery compartment is located within the Rheostat Knob (3) on the left side of the Optic's Body.
2. On the top of the Rheostat Knob (3) you will notice a thin Battery Cap (11). To remove this cap, grasp it firmly with one hand and twist it 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 **CR2032** (13) 3 volt Lithium Battery type only. Twist the Battery Cap (11) back clockwise onto the Rheostat Knob (3) and hand tighten. Avoid using tools (such as pliers) to perform this procedure as this may cause damage to the unit.

CARE AND MAINTENANCE

Your DRGB135 is a 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 portion 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 short 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 not sure about any of the procedures in this manual, always seek the help of a qualified professional to avoid damage to your optic and your firearm.

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FOR TECHNICAL ASSISTANCE CALL:
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