



**COMPACT PRISMATIC OPTIC
SEECPRQ3532G**

INSTRUCTIONS

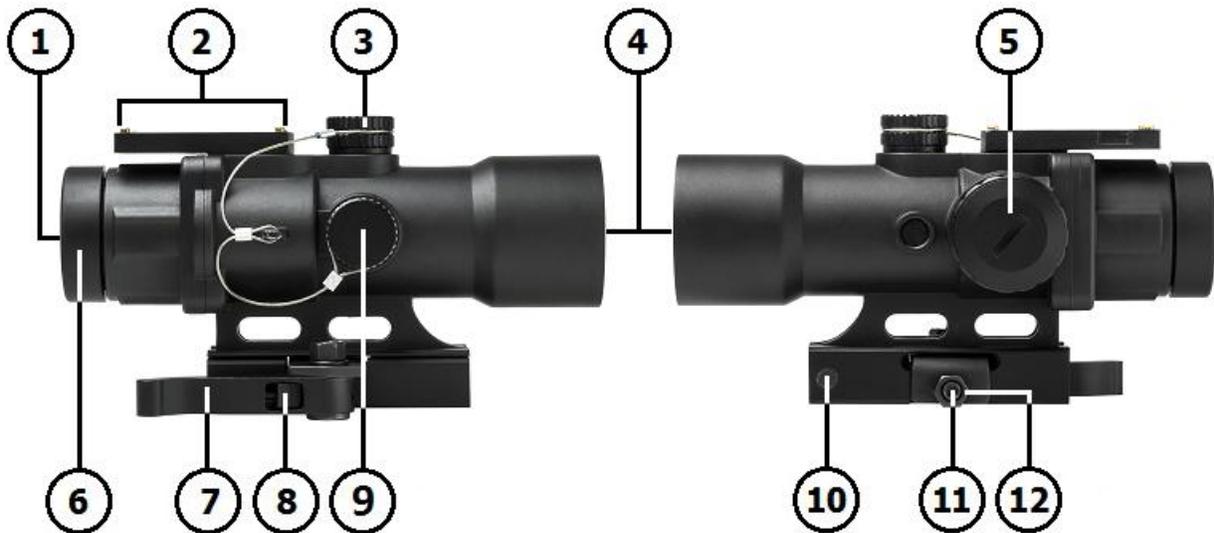
NCSTAR® CPO Scope

Congratulations on the purchase of your new NCSTAR® CPO Scope! The CPO (Compact Prismatic Optic) Scope has many great features in a compact scope that many of our customers have requested.

A compact scope with: a very tough & durable cast aluminum body and High Definition prismatic lens providing great optical clarity and resolution. Dual Illuminated Green & Blue Urban Tactical glass etched reticle. A low profile integral NcSTAR® compatible Micro Dot Reflex Sight base mount on top of the scope, for mounting an optional secondary sight on top of the scope. Low Profile Target style Elevation/ Windage Turrets with click adjustments and tethered Protective Turret Caps. A multi function mount that can convert from the Locking Quick Release Picatinny rail mount into a see-through AR15 Carry Handle mount with a Thumb Screw that will allow the shooter to use the iron sights.

Backed by a Lifetime Limited Warranty, your NCSTAR® Scope will provide you with years of reliable service. This Owner's Manual will help you understand all of the features of your new scope. Please follow all instructions carefully before initial use to experience the best performance.

CPO Scope Features



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|---------------------------------------------------|-------------------------------------------------|
| 1. Ocular Lens | 7. Quick Release Lever |
| 2. Micro-Dot Reflex Sight Base | 8. Auto-Locking Latch |
| 3. Elevation Adjustment Turret and Protective Cap | 9. Windage Adjustment Turret and Protective Cap |
| 4. Objective Lens | 10. Mount Recoil Lug |
| 5. Rheostat and Battery Compartment | 11. Allen Head Adjustment Screw |
| 6. Quick Focus Ring (rubberized) | 12. Lock Nut |

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

NOTE: IF YOU ARE UNFAMILIAR WITH THE PROCESS OF MOUNTING A SCOPE, IT MAY BE NECESSARY TO EMPLOY THE SERVICE OF A QUALIFIED GUNSMITH.

Mounting Your CPO Scope

The CPO Scope is equipped with a Quick Release Mount with an Auto-Locking Latch. To attach the CPO Scope 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 optics rail, with the Recoil Lug placed into one of the cross slots on the optics rail. Move the Quick Release Lever rearward (Closed position) to secure/tighten the Quick Release Mount to the optics rail.

On the Left 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 optics 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

To remove the CPO Scope 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 CPO Scope from the rail.

Converting QR Mount into an Carry Handle Mount

The CPO Locking Quick Release Mount can be converted over to an AR15 Carry Handle Mount. This will require the removal the Quick Release Base Mount from the CPO scope. On the bottom of the Quick Release mount are two Allen Head Bolts, remove the two Allen head bolts and the Quick Release Base Mount can be removed. Please store the Quick Release Base Mount and bolts in a safe location.

In the CPO packaging you will find a threaded Thumb Screw that is included. Place the CPO scope onto the Carry Handle so that the 2nd hole from the front of the mount is aligned with the hole in the Carry Handle channel. Use the supplied threaded Thumb Screw to secure the scope to the Carry Handle.

CAUTION: VIEWING THE SUN WITH THIS SCOPE OR ANY OTHER OPTICAL DEVICE CAN CAUSE PERMANENT INJURY TO THE EYE; INCLUDING BLINDNESS.

Focusing Your Scope

Holding the CPO Scope at the proper distance from your eye, in order to achieve a Full Field of View, the reticle should appear sharp and clear. If not, it will be necessary to adjust the focus by turning the Quick Focus Ring.

1. Make quick glances through the eyepiece at a featureless bright surface such as a white wall, or the open sky.
2. Turning the Quick Focus Ring Counter-Clockwise (↺) will extend the Ocular Lens outward, generally suitable for those who are far sighted. Turning the Quick Focus Ring Clockwise (↻) will draw the Ocular Lens inward, generally suitable for those who are near sighted.
3. Fine tune your adjustments until the reticle appears sharp and clear. Once the Ocular Lens reaches its outer limits of adjustment, be sure not to force it as doing so will cause damage to the eyepiece.



Windage and Elevation Adjustment Turrets

Your CPO scope is equipped with Elevation and Windage Adjustment Turrets, which changes your reticles point of aim, relative to your rifles point of impact. The Elevation Adjustment Turret is located on top of the Turret Body, and is responsible for the Up and Down movement of the reticle. The Windage Adjustment Turret is located on the right side of the Turret Body, and is responsible for the Left and Right movement of the of the reticle.

The CPO scope is equipped with Target Turrets under the Protective Adjustment Caps. To access the Target Turrets, turn the tethered Protective Adjustment Caps Counter-Clockwise (↺) until they are completely removed from the Adjustment Turrets.

You will now be able to rotate the Target Turrets in either direction to adjust the reticle. On the top surface of the Adjustment Turrets you will notice that there are arrows indicating direction of the of the BULLET movement in relations to the target.



- Turning the Elevation Adjustment Turret Clockwise (↻) will move the Reticle Down (⇩), shifting the bullet point of impact Up (⇩).
- Turning the Elevation Adjustment Turret Counter-Clockwise (↺) will move the Reticle Up (⇩), shifting the bullet point of impact Down (⇩).
- Turning the Windage Adjustment Turret Clockwise (↻) will move the Reticle Left (⇨), shifting the bullet point of impact Right (⇨).
- Turning the Windage Adjustment Turret Counter-Clockwise (↺) will move the Reticle Right (⇨), shifting the bullet point of impact Left (⇨).

The Elevation and Windage Adjustment Turrets also feature Audible and Tactile Clicks which not only can you see and hear the Click adjustments, but you can feel them as well. Each Click moves the reticle point of aim a ¼ MOA* at 100 Yards. See the chart below to see the amount of

movement of each click of the Adjustment Turrets will move the reticle for your CPO scope model at various distances.

Elevation/Windage movement per click				
100 yards	200 yards	300 yards	400 yards	500 yards
1/4 MOA	1/2 MOA	3/4 MOA	1 MOA	1 1/4 MOA

*1 MOA = 1.047 Inches at 100 Yards

Your NCSTAR® Scope is factory set with a Centered Reticle necessary for efficient sighting-in. If you have made any prior adjustments to the Elevation and Windage settings it may be necessary to re-center the reticle. There is approximately ±45 MOA of adjustment in each direction when the reticle is centered (±90 MOA Total in vertical and horizontal movement).

Turn the Elevation Adjustment Turret in either direction until it comes to a complete stop. Next, turn the Turret in the opposite direction, counting the number of clicks, until you have reached the limits of the adjustment range. Divide the number of clicks in half, and turn the Turret that exact number of clicks back towards the center of the adjustment range. Repeat this procedure for the Windage Adjustment Turret. The reticle will now be centered.

Zeroing your Scope

After you have completed installation of your scope it will be necessary to adjust the scopes 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 your firearm at the range in order to confirm a 100% accurate Zero. Follow these steps to fine tune your scope adjustments:

- Secure your firearm using a steady platform such as a rifle bench rest or sand bags.
- Fire 3 to 5 carefully aimed shots at a target that is set to your desired Zeroing distance (100 yards is recommended).
- Observe where the bullet grouping have struck the target and make adjustments to the Elevation and Windage settings as necessary until your point of aim matches your point of impact.
- Continue with this process until you have achieved your desired level of accuracy.
- Your scope 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 scopes zero including temperature, humidity, elevation, distance, angle, and other conditions. Changing ammunition bullet weight/type and brands can affect accuracy as well.

Illuminated Reticle

The CPO Scope is equipped with a Green & Blue illuminated Urban Tactical glass etched reticle, for use when exterior lighting conditions are less than optimal. The Rheostat Dial for the illuminated reticle is located on the left side of the scope body. Control of the illumination is achieved by simply rotating the Rheostat Dial in one direction or the other.

If you look closely at the Side of the Rheostat Dial you will notice a series of numbers. The "0" represents the OFF position. Illumination can be set to 5 levels of intensity, "1" being the dimmest and "5" being the brightest for each of the reticle colors. Adjust the brightness level as needed in accordance with the surrounding conditions. The illumination will increase reticle visibility especially during dawn and dusk. This illuminated scope is not intended for use in total darkness. When the illumination is turned OFF the reticle will appear as a normal Black Reticle.

Mounting an Optional Micro Dot Optic

The low profile Micro Dot Reflex Sight Base on top of the CPO scope is compatible with NcSTAR® Micro-Dot Reflex Sights. To install an OPTIONAL NcSTAR® Micro Dot (MD), you will have to separate the MD optic from its Rail Mount.

You will have to remove the two Allen head bolts from the top of the MD optic and place it onto the Micro Dot Base mount on top of the scope. Making sure to place the MD Battery in the proper location and battery orientation. Please be careful in placing the MD wiring in the wire channels of the MD Base mount. If your MD is equipped with a manual On/Off mechanical switch, you have two recesses to choose from. The standard location in the back of the mount or you can mount the switch to the left side of the Base Mount. There is one rubber plug provided to plug up the switch hole that is not used.

Use the two original Micro Dot Allen Head bolts removed earlier to secure the MD optic to the Base Mount on the scope, being very careful to not pinch the MD electrical wiring.

Test the Micro Dot to make sure it is functioning correctly. If it does not turn on, please verify that the battery is properly installed. Refer to the Micro Dot manual for Micro Dot zeroing instructions.

Battery Installation

On the left side of the Turret Body you will find the Rheostat Dial. The Battery housing is located within the Rheostat Dial, and can be accessed by twisting the thin Battery Cap on top of the Rheostat Dial Counter-Clockwise (↺) until it is removed.



Remove the old battery and properly dispose of the battery. Install a NEW 3-volt Lithium CR2032 Type battery with the positive (+) side facing outward.

Reinstall the Battery Housing Cap by twisting it Clockwise (↻) until hand snug tight, making sure that the rubber o-ring is compressed to provide a proper water resistant seal and a proper grounding of the Battery Cap. You may use the edge of a coin or large flat blade screw driver to secure the battery cap. Avoid the use of tools like pliers to tighten the Battery Cap, as this can lead to over tightening and damage to the Battery Cap.

Always keep the Rheostat Dial in the "0" OFF position while not in use to preserve battery life. If you are going to store your scope for a prolonged period of time it is best to remove the battery to avoid leakage that can damage the Rheostat Dial.

CAUTION: USE ONLY BRAND NEW 3-VOLT LITHIUM CR2032 TYPE BATTERIES FOR THE NCSTAR® CPO SCOPE. USING ANY OTHER TYPE OF BATTERY MAY DAMAGE THE RETICLE ILLUMINATION SYSTEM.

Care and Maintenance

Your NCSTAR® CPO Scope is shock proof, waterproof, and fog proof. However, you should never try 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 or a lens cloth. For a deep cleaning, you can also use high grade 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 scope. 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 and protect the scope against corrosion. Be careful not to touch any of the lenses with the silicone cloth. It is not necessary to lubricate any part of the scope as all of the moving parts, such as the turrets and the quick focus eyepiece, are permanently lubricated. When not in use, always store your scope in a dry place with the lens caps 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 SCOPE AND YOUR FIREARM.

NCSTAR® CPO Scope Specifications

Model Number	Reticle Type	Magnification	Objective Lens Diameter	Eye Relief	Field Of View Feet @ 100 yds	Exit Pupil Diameter	Turret Value Per Click	Lens Coating	Color Finish	Length Inches	Weight .oz
SEECPRQ3532G	Urban Tactical	3.5	32 mm	2.0"	31.5'	8.9 mm	¼ MOA	Green	Matte Black	5.3"	12.2

- PATENT PENDING

COMPACT PRISMATIC OPTIC SEECPRQ3532G



FOR TECHNICAL ASSISTANCE CALL:
1-866-NcSTAR-8
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