

Rifle Scope User Manual



Read Carefully Before Use
Keep for Future Reference

Safety Information

Warning!

- **ONLY** use this device in compliance with all local and national laws and regulations concerning the use of firearms.
- **NEVER** direct this device towards the sun, a laser, or any other similarly intense light source.
- **NEVER** direct your weapon—even an unloaded weapon—towards anything you are unwilling to kill or destroy.
- **ALWAYS** make sure your weapon is completely unloaded before installing or removing this device. Remember to check the chamber.

Specifications

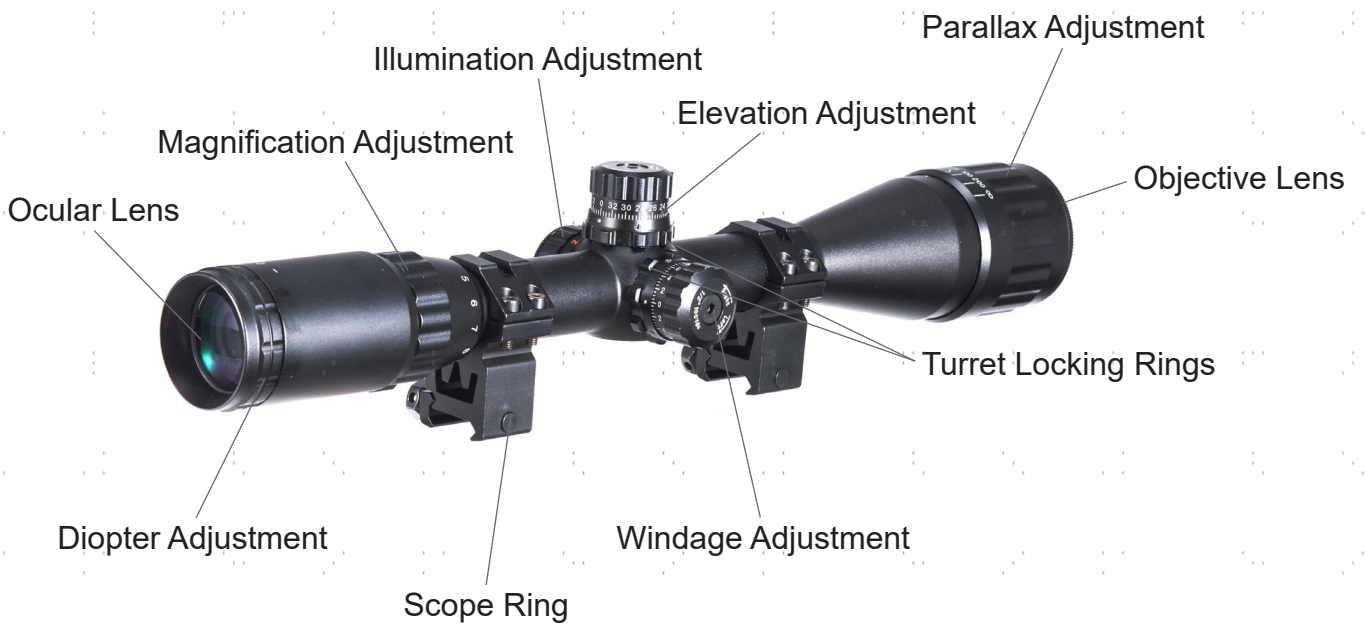
Model	0003		0004		0005		
Material	Aluminum Alloy		Aluminum Alloy		Aluminum Alloy		
Fitment	Picatinny & Weaver Rails		Picatinny & Weaver Rails		Picatinny & Weaver Rails		
Magnification	6–24×		3–9×		4–16×		
Objective Lens	Diameter	2 in. 50 mm	1.6 in. 40 mm	1.6 in. 40 mm			
	Parallax Adj. Range	5–∞		5–∞		5–∞	
Adjustable Reticle	Brightness Levels	3		3		3	
	Reticle Colors	Red, Green, & Blue		Red, Green, & Blue		Red, Green, & Blue	
	Reticle Type	Mil-Dot		Mil-Dot		Mil-Dot	
	Adj. per Click	½ MOA		¼ MOA		¼ MOA	
Eye Relief	3.9–3.5 in.	99–88.9 mm	3.3–3.1 in.	84–79 mm	3.9–3.5 in.	99–88.9 mm	
Exit Pupil	0.3–0.1 in.	8.3–2.1 mm	0.5–0.2 in.	10–4.4 mm	0.4–0.1 in.	10–2.5 mm	
Field of View	16.2–4 ft.	4.9–1.2 m	43.5–11.5 ft.	13.3–3.5 m	23–5.8 ft.	7–1.5 m	
Battery Type	CR2032		CR2032		CR2032		
Net Weight	1.5 lb	680 g	1.1 lb.	482 g	1.3 lb	610 g	

Package List



No.	Name	Qty.
A	Riflescope	1
B	Scope Rings	2
C	Lens Covers	2
D	Sunshade	1
E	Hex Wrench	1
F	CR2032 Battery	1
G	Cleaning Cloth	1

Product Diagram



Installation

1. Unscrew the hex bolts from the scope rings (B) using the provided hex wrench (E) and remove the tops from the bases.
2. Unscrew the locking bolts from the bases and detach the removable legs.
3. Fit the bases onto your weapon's rail. Replace the removable legs and secure them with the locking bolts.
4. Place the scope (A) onto the bases, being sure its ocular lens faces your weapon's stock. Check that the scope's placement will be comfortable during use. If not, move it along your rail as above.
5. Replace the tops on the bases, fitting them into place with their hex bolts. For best results, tighten each bolt only a single or half turn and then tighten the opposite bolt a similar amount, continuing until all bolts are fully tightened and the scope is held firmly in place.
6. Remove the cap from the illumination adjustment knob on the left to expose the battery compartment. Install the provided battery (F), being sure the side marked + is facing up. Replace the cap, pressing and tightening until it locks itself in place.
7. Fit the covers (C) onto their respective lenses.
8. To use the sunshade (D), remove the ring from around the objective lens and screw the sunshade into its place.

Adjustment

1. Remove the lens cover from around the ocular lens to expose the diopter adjustment ring. Point your weapon at a safe light object or background. Quickly glance through the scope and see if its reticle comes clearly and sharply into focus. If it does not, turn the diopter adjustment ring slightly. Continue your adjustments and observations until the reticle does appear in immediate and sharp relief.
2. Adjust the reticle's brightness and color as needed using the illumination adjustment knob on the left. Turning it towards you (clockwise) will first increase the brightness in the current color and then change to the next color, beginning at its lowest brightness. Turning it away (counterclockwise) will first decrease the brightness in the current color and then change to the next color, beginning at its highest brightness.



Using the lowest illumination suitable for your environment will extend your battery life and minimize your eyes' adjustment looking back and forth from your scope.

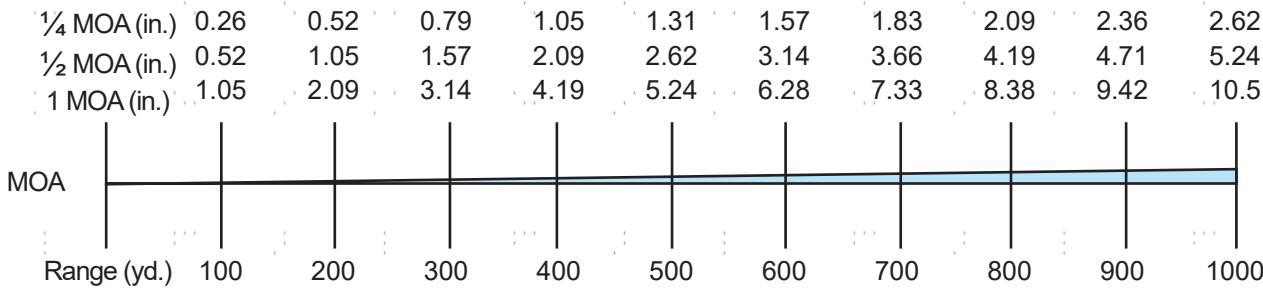
3. When shooting past 300 yards, the focal planes of the reticle and scope can separate, causing you to aim somewhere other than the center of your target. Correct this misalignment using the parallax adjustment ring. Set the ring to its maximum setting (∞), stabilize your weapon as completely as possible, and move your head slightly right and left, up and down. If the reticle remains locked in place as your head moves, your parallax is correct. If the reticle seems to move away as your head moves, begin adjusting the parallax distance down until the reticle locks in place. If you overcompensate and the reticle begins to move in the same direction as your head, the parallax distance has been set too low. Turn back towards infinity until the reticle locks in place.

- Go to your range or another safe and legal location for shooting practice. Place a target at the primary distance you want to use for your scope. 100 yards across level ground is standard. Stabilize your weapon as completely as possible, aim directly at the center of the target, and fire. If the point of impact (POI) is on the paper, fire an additional 2–4 shots. If this cluster varies appreciably from your point of aim (POA), adjust your scope's windage and elevation using their average divergence.

If your first bullet strikes completely off the paper, you might try using a closer target to correct the largest problems. For bolt-action rifles, you can do this without wasting ammunition by removing the bolt and adjusting the position of the weapon in a firm vise to center the view down the barrel on a target at 25 yards. Adjust the scope's windage and elevation to center the reticle on the target in the new position. Then turn the elevation adjustment 4 or 8 clicks clockwise to lower the POA one inch to adjust for the closer distance. Replace the bolt and return to your target at 100 yards.

On windy days or in locations where shooting ranges are unavailable or cost prohibitive, a laser boresighter (not included) can be used instead. Follow its separate instructions, aligning the scope's POA with the laser dot. Bear in mind, however, that this can only provide rough and inexact alignment. The laser follows a straight path rather than the arc of an actual bullet and even the slightest misplacement creates noticeable divergence at long range.

- Adjust the scope's horizontal alignment using the windage adjustment knob on the right. If the knob does not turn, loosen the locking ring at its base. Turn the knob away from you (clockwise) if the POI is too far to the right and turn it towards you (counterclockwise) if it is too far to the left. Each click will be either $\frac{1}{4}$ or $\frac{1}{2}$ minute of angle (MOA) depending on your model, with each MOA measuring almost exactly one inch at a range of 100 yards (3 cm at 100 m).



- Adjust the scope's vertical alignment using the elevation knob above the scope. If the knob does not turn, loosen the locking ring at its base. Turn the knob clockwise if the POI on your target is too high. Turn counterclockwise if it is too low. Each click will be either $\frac{1}{4}$ or $\frac{1}{2}$ MOA depending on the model of your scope.
- Fire additional sets of 3 or 5 shots, adjusting until your clusters hug the center of your target. For best results with long range alignments, check that your barrel remains cool after repeated shooting. If it begins to noticeably heat, cool it or wait for it to become cool to limit its thermal expansion.
- Once your POI is the same as your POA, lock the position of your windage and elevation knobs by tightening the rings at their base. This will help your scope hold zero even under strong and repeated recoil.

You can save these settings as the scope's zero positions for easier use later. Loosen the bolt in each knob with the provided hex wrench and reset their dials so that 0 is beside the silver dot on the locking rings. If either knob holds tight even after the bolt is removed, partially loosen the locking ring with one hand while holding the knob in position with the other. Reset the dial and retighten the locking ring. Replace bolts and tighten completely.

Maintenance

- Clean the lenses of the scope as needed using the provided cloth and gentle alcohol-free cleaning agents. The other exterior surfaces of the scope can be cleaned with any soft damp cloth. Do not use abrasive cleaners or caustic chemicals and do not allow any electronic component to become wet.
- Check all parts of the scope for any wear or damage between uses. Repair or replace any problematic parts before further use.
- If the scope will not be used for a prolonged period of time, clean it and replace all caps before storing it in a cool dry place away from direct sunlight and inaccessible to children.

Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us at help@cs-supportpro.com and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.

