

4–16×50 RIFLE SCOPE, REFLEX SIGHT, & LASER COMBO USER MANUAL



Read Carefully Before Use
Keep for Future Reference

Safety Information

- **ONLY** use this device in compliance with all local and national laws and regulations concerning the use of firearms and lasers.
- **NEVER** use the main scope on this device to view the sun, a laser, or any other similarly intense light source.
- **NEVER** aim the laser directly at aircraft or directly into the eyes of any person or animal. Do not view this laser through focused or magnified optics.
- **NEVER** direct your weapon—even an unloaded weapon—towards anything you are not willing to kill or destroy.
- **ALWAYS** make sure your weapon is completely unloaded before installing or removing this device. Remember to check the chamber.
- This product is waterproof against standard precipitation but do not allow the interior of electronic parts to become wet or handle them with wet hands. If they accidentally become wet, remove the batteries and wait for all components to dry completely before any further use.

Package List

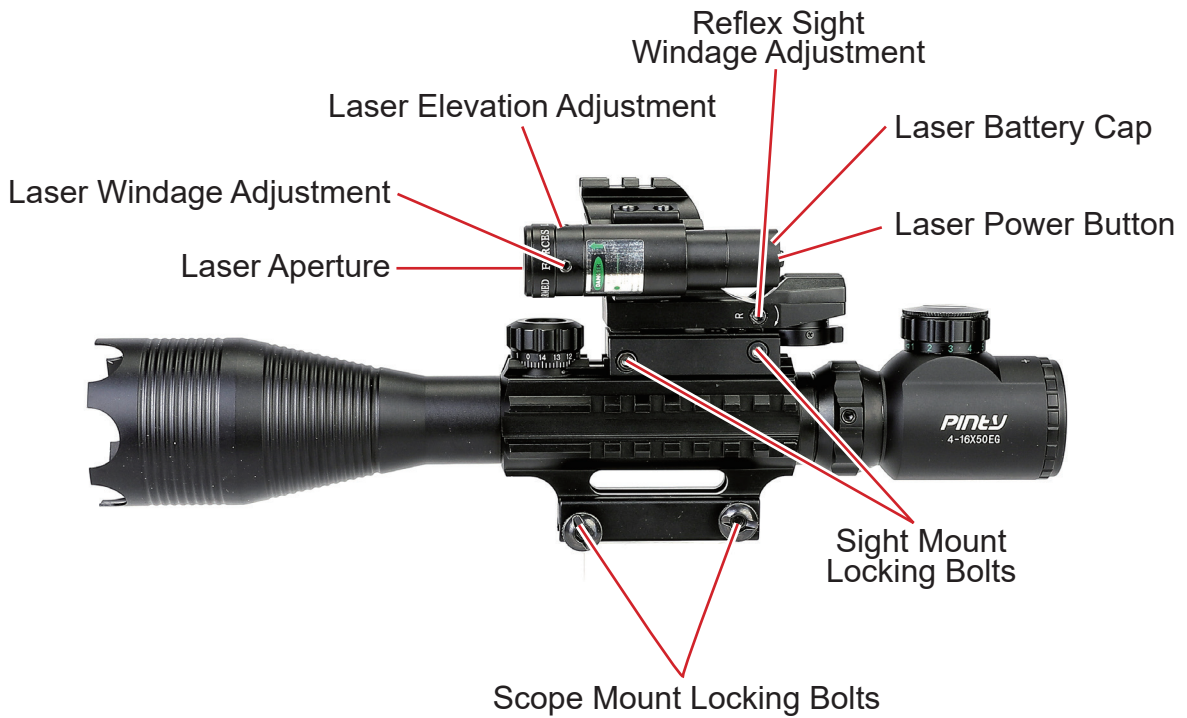
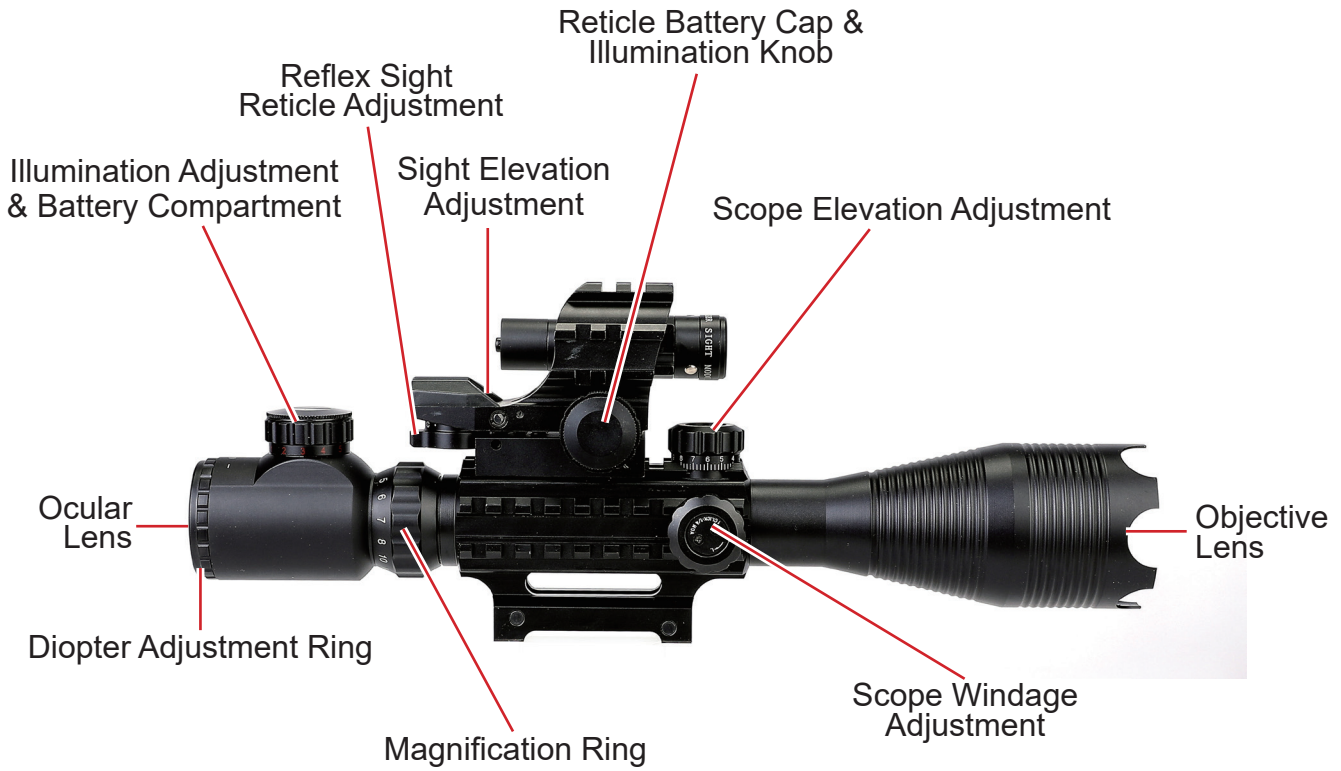


No.	Name	Qty.
A	Scope	1
B	Lens Covers	1
C	Reflex Sight	1
D	Laser	1
E	Offset Mount	1
F	Cleaning Cloth	1
G	CR1620 Battery	1
H	CR2302 Battery	1
I	CR2 Battery	1
J	Hex Wrenches	3

Specifications

Material		6061 Aluminum Alloy			
Fitment		20 mm Picatinny & Weaver Rails			
Scope	Dimensions	Length	12 in.	30.5 cm	
		Obj. Lens Diameter	2 in.	50 mm	
	Magnification		4–16×		
	Brightness Levels		5		
	Adjustable Reticle	Reticle Colors		Red & Green	
		Reticle Type		Rangefinder	
		Adjustment per Click		¼ MOA	
	Eye Relief		3.4-3 in.	86.4-76.2 mm	
	Exit Pupil		0.5–0.1 in.	12.5–3.1 mm	
	Field of View		27–10 ft. @ 100 yd.	9–3.3 m @ 100 m	
	Battery Type		CR2302 Lithium		
	Net Weight		1.5 lb.	682 g	
Reflex Sight	Dimensions		3.1×2×2.6 in.	8×5×6.5 cm	
	Lens Diameter		32 mm	1.26 in.	
	Lens Type		Reflex		
	Reticle	Type		Dot, Bullseye, Cross, Starburst	
		Color		Red & Green	
	Battery Type		CR1620 Lithium		
Net Weight		6 oz.	169 g		
Laser	Dimensions		3.8×1.3×1.6 in.	9.9×3.2×4.1 cm	
	Class		3R		
	Max. Output Power		5 mW		
	Wavelength		532 nm		
	Color		Green		
	Battery Type		CR2 Lithium		
	Net Weight		2.9 oz.	78 g	

Product Diagram



Installation

Reflex Sight

1. Unscrew the sight battery cap and insert the CR1620 battery + side up. Replace the cap.
2. Turn the illumination knob to test that the reticle becomes visible in the reflex lens.
3. Flip through all four settings on the selector switch to test every reticle activates properly.
4. Turn the illumination knob until you hear a click indicating that the reticle is off.
5. Position the sight at a comfortable distance along your scope's top rail. The reflex lens should point towards the scope's objective lens.
6. Loosen the locking bolts with the provided hex wrench, fit the mount onto your rail, and retighten the locking bolts.

Laser

1. Unscrew the laser battery cap and insert the CR2 battery + side out. Replace the cap.
2. Test that the laser comes on when its power button is pushed. Turn it off.
3. Loosen the locking bolts on the laser rail mount with the M2 hex wrench. Position the laser on the red dot sight's right rail with its aperture pointing towards the objective lens and away from the ocular lens. Retighten the locking bolts.

Scope

1. Remove the cap from the illumination adjustment knob above the eyepiece to expose the scope's battery compartment. Install the CR2032 battery + side up. Replace the cap, pressing and tightening until it locks itself in place.
2. Test that the reticles appear when the illumination adjustment knob is turned. Turn them off.
3. Loosen the locking bolts on the scope rail mount with the M3 hex wrench. Position the scope on the riser mount or your firearm's top rail at a comfortable distance with its objective lens pointing towards the muzzle and away from the stock. Retighten the bolts.
4. Adjust the position of the other accessories as needed.

Offset Mount

1. Manually loosen the locking bolt on the offset mount and place it onto the receiver or rail of your firearm.
2. Retighten the locking bolts until the offset mount snug but not overly tight.
3. Attach the scope or other accessory to the top of the offset mount as above. Check the levelness of the mount and scope to ensure they are aligned with the barrel of the firearm.
4. Tighten the offset mount locking bolt fully.

Adjustment

1. Remove the lens cover from around the ocular lens to expose the diopter adjustment ring shown in the image below. 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 top of the eyepiece. 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.



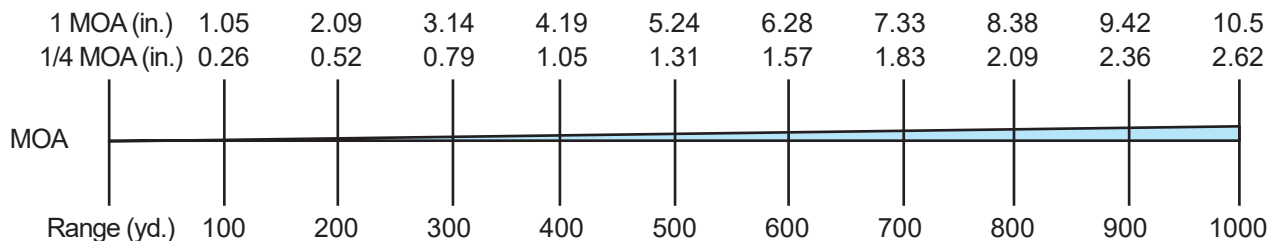
Using the lowest illumination suitable for your environment will extend your battery life and minimize your eyes' adjustment looking back and forth from your scope.

3. 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 additional 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 $\frac{1}{4}$ minute of angle (MOA), with each MOA measuring almost exactly one inch at a range of 100 yards (2.9 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 $\frac{1}{4}$ MOA.
- Activate the reflex sight's reticle and adjust its brightness by turning the sight's illumination knob. Adjust the sight and laser's horizontal alignments using their windage adjustment bolts. The reticle's windage adjustment is located under the laser and is marked R. The laser's windage adjustment is unmarked but located near the front of its left side. Use the M2 hex wrench to rotate the sight's bolts and the M1.5 hex wrench to rotate the laser's bolts. Turn the bolts clockwise if the POI is too far to the left and the POA needs to be moved towards the right. Turn them counterclockwise if the POI is too far right and the POA needs to be moved left. There are no clicks as you adjust, so it is best to only turn the bolts a quarter or half turn at a time as you go.
- Adjust the sight and laser's vertical alignments using their elevation adjustment bolts. The reticle's elevation adjustment is located near the lens and is marked UP. The laser's elevation adjustment is unmarked but located near the front of its top side. Use the M2 hex wrench to rotate the sight's bolt and the M1.5 hex wrench to rotate the laser's bolts. Turn the bolt clockwise if the POI is too high and the POA needs to be moved down. Turn the bolts counterclockwise if the POI is too low and the POA needs to be moved up. Again, there will be no clicks as you adjust, so go slowly until you have a feel for the distance of each turn. 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 scope's windage and elevation knobs by tightening the rings at their base. This will help your scope hold zero even under strong and repeated recoil.

Maintenance

- Clean the lenses as needed using the provided cloth, either dry or wetted with pure water or a gentle alcohol-free solvent. The other exterior surfaces can be cleaned with any soft damp cloth. Do not use abrasive cleaners or caustic chemicals. Do not allow any internal electronic component to become wet or subject it to water under strong pressure.
- Check all parts for any wear or damage between uses. Repair or replace any problematic parts before further use.
- If this combo scope will not be used for a prolonged period of time, clean it and remove all batteries 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 contact@cshelpgroup.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.

