



C3X-1

USER MANUAL

ENGLISH (EN)



Choosing the right optic is more than a gear decision. It affects your performance, your confidence, and, in critical moments, your safety. When you rely on your equipment in demanding environments, you need optics that work without hesitation. Too many products are built for specifications and marketing claims instead of real-world use. That leads to complexity, inconsistency, and failure when conditions are least forgiving. Colt Optics was built to solve that problem. By listening to shooters in the field and studying how optics perform under stress, we design products that prioritize clarity, durability, and simplicity. Every component is engineered to hold zero, resist impact, and deliver dependable performance in harsh conditions. The result is an optic you can trust when it matters most.

Engineered for Real-World Performance

Every Colt Optics product is developed by engineers and industry professionals with hands-on experience in tactical and field environments. Our focus is simple: help you acquire targets faster, identify them more clearly, and maintain confidence in your equipment under pressure. Through

advanced modeling and extensive testing, our optics deliver sharp resolution across the entire field of view, reliable eye relief and forgiving exit pupil, consistent performance from any shooting position, and fast, accurate target acquisition in low light and high stress. This means less time adjusting and more time focusing on the task at hand.

Precision You Can Rely On

Each lens is designed with exact curvature and precise centering, then manufactured from premium optical glass and treated with advanced coatings for maximum light transmission and contrast. With over 92 percent light transmission, Colt Optics provides clear, detailed images from first light to last. Targets remain distinguishable, reticles remain crisp, and visual fatigue is reduced during extended use. Our optical systems are integrated into rugged mechanical and electronic platforms, assembled under disciplined quality controls, and verified through rigorous testing. Every optic is built to withstand recoil, environmental exposure, and long-term use without loss of performance.

Built for Confidence

Colt Optics products are not designed for display cases. They are built for shooters who depend on their equipment in demanding situations. Whether you are training, competing, hunting, or operating in professional environments, your optic should support your decisions, not complicate them. Our commitment is simple: deliver reliable, precise, and durable optics that help you perform at your best when it matters most. Colt Optics-Make It Count

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WARNING: Read entire manual prior to installing and operating the sight.
Make sure firearm is unloaded prior to installation.



OPTICS BUILT FOR SPEED

- › Fully multi-coated lenses for maximum light transmission and reduced glare
- › 3x magnification for improved target identification and engagement
- › High clarity optical system with minimal distortion
- › Generous eye box for rapid target acquisition

READY FOR WHEN AND WHERE IT COUNTS

- › Designed for reliable performance in harsh environmental conditions
- › Shock-resistant construction for use on weapon-mounted systems
- › Sealed and nitrogen-purged to prevent internal fogging
- › Compatible with MIL-STD-1913 / STANAG 4694 mounting interfaces

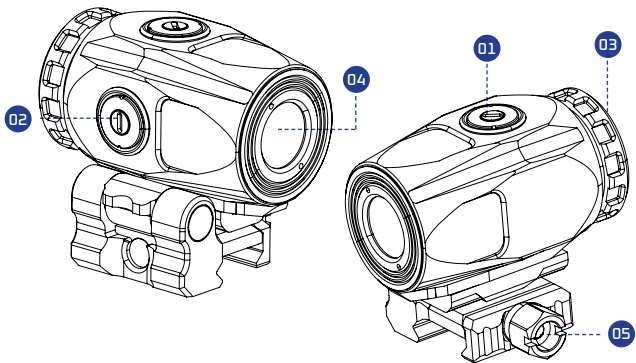
TAILORED ERGONOMICS

- › Flip-to-side mount for rapid transition between magnified and unmagnified use
- › Configurable left or right side deployment based on user preference
- › Compact design optimized for weapon integration
- › Adjustable diopter for user-specific visual clarity

C3X-1 SPECIFICATIONS

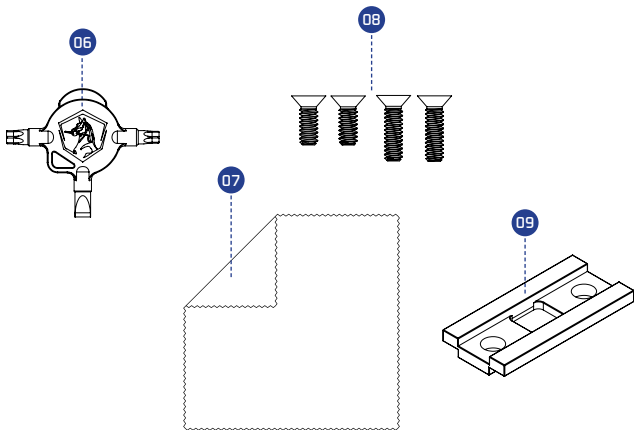
| | |
|-----------------------|-------------------------|
| Magnification | 3X |
| Optical Configuration | Afocal Magnifier |
| Field of View | ~7.5° |
| Eye Relief (mm) | 75-85 |
| Optical Centerline | 1.54 in |
| Mount Interface | MIL-STD-1913 Picatinny |
| Mount Type | Flip-to-Side, Crossbolt |
| Mount Torque | 45 in-lb |
| Tool Interface | ½" socket head nut |
| Environmental Rating | IP68 (1 m / 30 min) |
| Durability Standard | MIL-STD-810H |
| Operating Temperature | -40°F to +140°F |
| Weight | ~175 g |

OVERVIEW

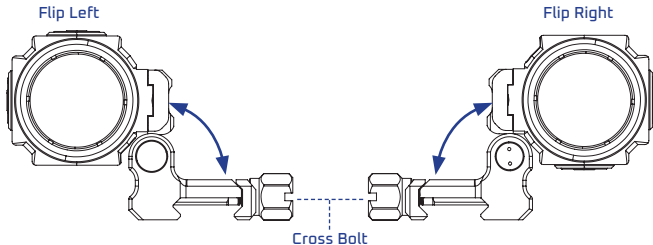


- 01 Elevation Turret
- 02 Windage Turret
- 03 Eyepiece Lens
- 04 Objective Lens
- 05 Flip-to-Side, Cross Bolt Mount

- 06 Mounting Tool (Included)
- 07 Cleaning Cloth (Included)
- 08 Mounting Hardware (Included)
- 09 Lower 1/3 Co-witness riser (Included)



MOUNTING YOUR MAGNIFIER

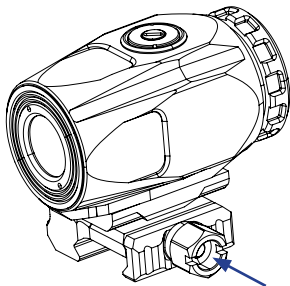


The C3X-1 is designed for use behind a primary optic, such as the CSQ-1 or a similar red dot sight.

The magnifier can be configured to flip to either the right or left side based on user preference. Typically, right-handed shooters prefer the mount to flip to the right, while left-handed shooters prefer it to flip to the left.

To configure the C3X-1, use the included mounting hardware. If a riser plate is used, ensure the longer screws are selected and install the riser plate onto the mounting interface as needed. Open the flip-to-side mount to its extended position, then attach the base to the mounting interface (or riser plate) in the desired orientation. Insert the screws and tighten them to 45 in-lb to ensure proper retention.

MOUNTING YOUR SIGHT



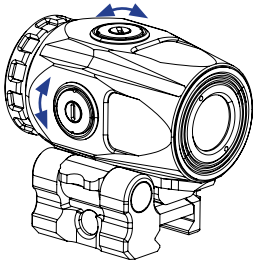
To mount the magnifier to the rail, loosen the $\frac{1}{2}$ " socket head nut until the rail clamp can open enough to fit over the Picatinny rail. Position the magnifier behind the primary optic at the desired location. Ensure the mount sits flush on the rail and that the cross bolt is fully seated in a rail slot. Tighten the socket head nut securely to clamp the mount to the rail.



WARNING: Read entire manual prior to installing and operating the sight. Make sure firearm is unloaded prior to installation.

ADJUSTING THE RETICLE IN THE PRIMARY OPTIC

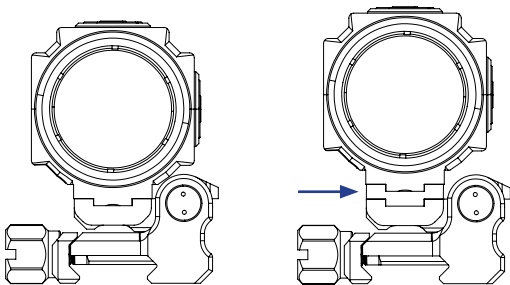
Once the magnifier is properly mounted behind the primary optic, the shooter may choose to fine-tune the zero of the primary optic. The increased target resolution provided by the magnifier allows for more precise alignment of the aiming point with the point of impact.



After zeroing the point of impact, you may need to re-center the primary optic reticle image in the middle of the Magnifier window. This adjustment lets you position the view as you prefer—it doesn't affect the zero point at all. The adjustment windage and elevation turrets are located on the top and side of the Magnifier. Use the included tool or a flat head screwdriver to make the adjustments.

OPTICAL CONFIGURATION

The C3X-1 offers two different mounting heights, allowing users to choose based on their preference. For this reason, an additional riser is included with the magnifier and Flip-to-Side cross bolt mount. Depending on which primary optic model height you're using, you can set it up with or without the riser.



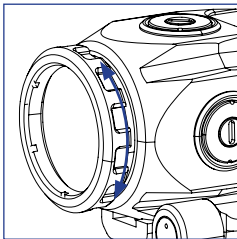
Without Riser

With Riser

DIOPTER ADJUSTMENT

The C3X- 1 is equipped with an adjustable diopter, allowing the user to fine-tune image clarity to match individual eyesight. Proper adjustment ensures a sharp, well-defined aiming point for improved precision.

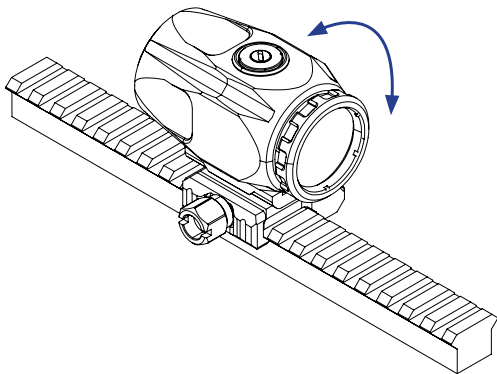
To adjust, grasp the diopter ring with your thumb and index finger and rotate it clockwise or counterclockwise until the image appears sharp and in focus.



SIDE OPENING/CLOSING PROCEDURE

To flip the C3X-1 magnifier to the side, apply lateral pressure to the optic to the right or left, depending on the mounting orientation.

To return the magnifier to the operational position, rotate it back to center until it locks securely in place.



CARE AND MAINTENANCE

Maintenance of the magnifier is limited to periodic cleaning of the exterior surfaces and optical lenses. The optical elements are treated with protective coatings and should be handled with care.

Before cleaning the lenses, remove any loose dust or debris using a blower, compressed air, or a soft lens brush. This helps prevent scratching the lens surface.

To remove fingerprints, oil, or other residue, lightly wipe the lens using a clean microfiber lens cloth or lens tissue. If necessary, apply a small amount of lens cleaning solution or isopropyl alcohol (70% or higher) to the cloth—never directly to the lens—and gently clean the surface.

Do not use dry cloths, paper towels, or abrasive materials, as these can damage lens coatings. Avoid household glass cleaners, ammonia-based solutions, or harsh chemicals. The exterior housing may be cleaned with a soft cloth. If needed, a mild soap and water solution may be used on non-optical surfaces only.

WARNING: DO NOT DISASSEMBLE THE MAGNIFIER UNDER ANY CIRCUMSTANCES. The unit is sealed and nitrogen-purged to prevent internal fogging. Disassembly will void the warranty and may result in permanent damage or degraded optical performance.

Colt Optics Lifetime Warranty Statement

Colt Optics stands behind the quality and performance of our optics and accessories. Each optic is backed by a Limited Lifetime Warranty covering mechanical and optical defects in materials and workmanship under normal use for the life of the product. If a covered defect is confirmed after inspection, we will, at our discretion, repair the product at no charge to the original purchaser, or replace it with the same or a comparable model at no charge.

Warranty Exclusions

The Colt Optics Warranty does not cover loss, theft, deliberate damage or cosmetic damage that does not impact product performance.

COLT OPTICS®

MAKE IT COUNT