



CLX[®] 1x PRISM
OPTIC MANUAL

THANK YOU FOR CHOOSING THIS PRIMARY ARMS OPTIC

If you have any questions about your new optic or any of our other products, visit us at www.primaryarmsoptics.com, email us at info@primaryarmsoptics.com, or give us a call toll-free at 855-774-2767. The customer service team at our headquarters in Houston, Texas will respond promptly.

If you have any problems with a Primary Arms product, we urge you to contact us immediately and let our customer service professionals handle the situation for you. There is no need to return your optic to the retailer.

*View back cover for lifetime warranty information.

CLX® 1X PRISM

This optic is part of our CLx Series. The CLx Series is perfect for the budget-focused marksman. All CLx Series products come with a lifetime warranty, showing our commitment to guaranteed quality.

The CLx 1x Prism is a high-performance alternative to traditional red dot sights, offering close-quarters agility without

astigmatic blur. As a prismatic optic, the 1x Prism has a crystal-clear sight picture with an intuitive etched Circle Dot reticle for fast target acquisition. This optic uses the industry-standard micro dot mounting footprint, and is built with durable materials for long-lasting, reliable performance.

OPTIC FEATURES



DAYLIGHT BRIGHT®

Distinguished by powerful illumination, our Daylight Bright reticles are strikingly bright, even in intense daylight conditions.



MULTI-COATED LENS

Our Multi-Coated Lenses are treated with a special finish to reduce reflections and increase light transmission.



PUSH BUTTON CONTROLS

With Push Button Controls, you can easily adjust your optic's power and illumination settings in seconds.



SHOCKPROOF

Our Shockproof optics are reinforced against impact, capable of facing the rigors of duty use.



WATERPROOF

Our Waterproof optics are sealed for reliable function, even when fully submerged in water.



SCAN TO SEE MORE PRIMARY ARMS OPTICS FEATURES



POWER & RETICLE ILLUMINATION

Powered by a CR 2032 battery (included), the CLx 1x Prism has push-button controls for reticle illumination. While the CLx 1x Prism's etched reticle works without illumination, the additional contrast makes it easier to see your aiming point against a dark background.

To install a battery, open the battery cap on the top of the optic by turning it counterclockwise. The battery should be set with the positive (+) side facing the cap.

With a battery installed, you can turn on your reticle illumination by pressing either the '+' or '-' buttons on the side of the optic.

Once activated, the '+' button increases reticle brightness, and the '-' button decreases brightness. Your highest setting is Daylight Bright®, while your lowest settings are night vision compatible.

To turn the reticle illumination off, simply press and hold both buttons simultaneously.

NOTE: Reticle bleed-out, abnormalities, and small imperfections may be visible when viewing a brightly illuminated reticle in low light conditions. This is a normal result of the reticle etching process, and abnormalities at these settings will not be visible when viewed in daylight conditions. Using the brightest settings in low-light situations will overpower your eye's ability to see the target and make the reticle appear distorted.

HOW TO ACHIEVE A CLEAR RETICLE PICTURE

This prism scope features an adjustable diopter. The diopter's position affects the focus of the reticle as you see it inside the optic.

Diopter setup is the critical first step to successful precision marksmanship.

1. Find a bright, featureless background, such as a clear blue sky or a blank white wall.
2. Stare at your background for several seconds. If you look through prescription glasses when shooting, wear them.
3. Close your eyes.

4. Open your eyes and glance through your optic.
5. If the reticle appears blurry before sharpening, the diopter is not in its correct position. Adjust your diopter ring and try again until the reticle appears immediately sharp at first glance.

Once the reticle is sharp at first glance, the diopter is in its correct position. Many marksmen will leave a witness mark on their diopter using a marker or nail polish. This mark makes it easier to reset the diopter if it ever shifts.

HOW TO ZERO YOUR OPTIC

To use your reticle effectively, you must first zero your optic. Most marksmen will zero at 25, 50, or 100 yards, depending on their rifle, cartridge, and preferred holds.

To zero your optic, follow these steps:

1. Set a target at your desired zero distance.
2. Using a sandbag or bipod for stability, fire one shot at a clear, defined point on the target. This point could be a bullseye or a specific point on a line grid.
3. Observe the deviation between your Point-of-Aim and Point-of-Impact. Grid targets will give you an estimated deviation both vertically and horizontally.
4. Adjust your optic's turrets to move your apparent Point-of-Impact. These adjustments are in 1 MOA, roughly equating to 1 inch at 100 yards:
 - a. To adjust your Point-of-Impact UP, turn the Elevation Turret (top) counterclockwise.
 - b. To adjust your Point-of-Impact DOWN, turn the Elevation Turret (top) clockwise.
 - c. To adjust your Point-of-Impact RIGHT, turn the Windage Turret (side) counterclockwise.
 - d. To adjust your Point-of-Impact LEFT, turn the Windage Turret (side) clockwise.
5. Repeat until your Optic POA and POI are aligned.

HOW TO MOUNT YOUR OPTIC

The included 1913 MIL-STD base, as assembled in the box, positions the centerline of the CLx 1x Prism at 1.41" above the receiver rail. With the base removed, the underside of the optic body is compatible with most industry-standard micro dot mounts. When mounting any base to the CLx 1x Prism, always torque the T-10 Torx screws to 15 inch-pounds, ensuring a reliable hold for consistent zeroing. Do not overtighten them.

There is a black security-type screw on the underside of the optic. This is the nitrogen gas purge port. Do not attempt to adjust that screw, or the nitrogen may vent from inside the optic, compromising function. For the same reason, do not adjust the spring cover located under the optic on the left side.

The cross-bolt on our standard Prism mount uses a T20 Torx head and should be tightened to 20-25 in-lbs. We recommend using a blue thread locker on the cross-bolt threads.

FEATURES

- Extremely Long Eye Relief
- Daylight Bright® Reticle Illumination
- Night Vision Compatible
- Ultra Compact, Lightweight Design
- Fits Standard Micro Dot Mounts
- Ambidextrous Top-mounted Push Buttons
- 1 MOA Adjustments
- Etched Reticle with Adjustable Diopter
- Fully Multi-coated Anti-Reflective Lens
- Uses One CR 2032 Battery (included)
- 2,000-Hour Battery Runtime on Medium Illumination
- Includes Lens Covers (Anti-Reflective Device sold separately)
- Backed by a Lifetime Warranty

CXL 1X PRISM SPECIFICATIONS

Objective Lens Diameter: 18mm	Exit Pupil: 16.5 mm	Battery: 3v CR 2032
Length: 2.35 in	Windage/Elevation Adjustment: 100 MOA	Battery Life: 2,000 hours
Weight: 6.63 oz	Illumination Settings: 10 [2 NV]	Warranty: Lifetime Warranty

LENS CARE

Please do not use any organic solvent such as alcohol or acetone on your optic. First, blow dust or any foreign objects off of the lens. Then, use a soft cotton or microfiber lens

cloth to clean any fingerprints or smears off the lens. Alternatively, you may use a piece of professional lens paper for further cleaning, if necessary.

REMEMBER: THE FOUR RULES OF FIREARMS SAFETY

- Treat every firearm as if it were loaded.
- Never let your muzzle cover anything you are not willing to destroy.
- Keep your finger off the trigger until your sights are on target.
- Be sure of your target and what is behind it.

 **WARNING:** Always ensure your firearm is unloaded (chamber empty and magazine removed) before installing optics or accessories.

 **WARNING:** Improper installation of firearm parts or accessories may result in death or serious personal injury. If you are not properly trained in the installation of these parts, have them installed by a gunsmith or armorer.

 **WARNING:** This product can expose you to chemicals including nickel, which are known to the State of California to cause cancer. For more information, please go to www.P65Warnings.ca.gov

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **INTERNAL CHEMICAL BURNS** in as little as **2 HOURS**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- **SEEK IMMEDIATE MEDICAL ATTENTION** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

NOTES:



LIFETIME WARRANTY

Your Primary Arms CLx® 1x Prism is covered by the Primary Arms Lifetime Warranty. If a defect due to materials or workmanship, or even normal wear and tear has caused your product to malfunction, Primary Arms will either repair or replace your product. You can find more details about our lifetime warranty at www.primaryarmsoptics.com.

Email: info@primaryarmsoptics.com
Toll-free at 855-774-2767
www.primaryarmsoptics.com



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