



CLX[®] RD-23s
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® RD-23s

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 RD-23s Micro Dot is an innovative, fast-acquisition red dot sight, optimized for close-quarters. With its unique 23mm aperture, this reflex optic offers a wider field-of-view, while remaining both compact and lightweight. The integrated solar failsafe and rugged housing design make this optic a reliable choice for any carbine, shotgun, or PDW.

OPTIC FEATURES



MULTI-COATED LENS

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



SOLAR BACKUP

These optics feature an advanced Solar Backup, which helps power your reticle's illumination when the battery is low.



PUSH BUTTON CONTROLS

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



WATERPROOF

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



SHOCKPROOF

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



SCAN TO SEE MORE PRIMARY ARMS OPTICS FEATURES



HOW TO ACHIEVE A CLEAR RETICLE PICTURE

If you wear prescription glasses or contact lenses, make sure to put them on before looking through the sight.

For the best results, look through the sight and focus on the target—not the dot. Shoot with both eyes open, adjusting the optic's brightness to suit the ambient light. An under-illuminated reticle will be harder to acquire under stress, while an over-illuminated reticle may appear to bloom in dim conditions.

HOW TO SET RETICLE ILLUMINATION

Your red dot features 10 brightness settings, two of which are night vision compatible.

Press either the (+) or (-) button to turn the sight on. Pressing the (+) button increases brightness; the (-) button decreases brightness. To turn the sight off, press both buttons at the same time.

The night vision compatible settings cannot be seen by the naked eye and must be viewed through a separate night vision device.

HOW TO ZERO YOUR OPTIC

The optic is delivered in a centered position. Usually, this means that only small adjustments are necessary, providing that the base is properly aligned. To zero, turn each turret only a few clicks at a time, adjusting as follows:

1. To move the point of impact RIGHT, turn the windage (side) turret counterclockwise.
2. To move the point of impact LEFT, turn the windage (side) turret clockwise.
3. To move the point of impact UP, turn the elevation (top) turret counterclockwise.
4. To move the point of impact DOWN, turn the elevation (top) turret clockwise.

Every click will change the position of the dot by 1 MOA (or roughly 1 inch per 100 yards). Confirm zero by firing at least three shots at a zeroing target. Review your shot accuracy on the target and repeat until you are satisfied with your zero.

If the turret mechanism does not easily turn, do NOT try to force it further, as this may break the internal components and render the sight unable to zero. If your optic will not zero, verify that the mount is properly installed and attached to your optic rail. If your optic still will not zero, please contact our customer service team.

HOW TO MOUNT YOUR OPTIC

The included 1913 MIL-STD base, as assembled in the box, positions the centerline of the CLx RD-23s 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 RD-23s 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

- Solar Backup
- Fits Standard Micro Dot Mounts w/ Stated Co-witness
- Side-mounted Push Button Controls
- Weighs 4.9 oz
- Fully Multi-coated Anti-Reflective Lens
- Night Vision Compatible
- Uses 2032 Battery
- Fog Resistant
- IP67-rated
- Lifetime Warranty

CXL RD-23s SPECIFICATIONS

Objective Lens Diameter: 23mm	Windage Adjustment: 100 MOA	Battery: 3v CR 2032
Length: 2.27 in	Elevation Adjustment: 100 MOA	Battery Life: 16,500 hours
Weight: 3.5 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.
- Keep your finger off the trigger until your sights are on target.
- Never let your muzzle cover anything you are not willing to destroy.
- 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.

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LIFETIME WARRANTY

Your Primary Arms CLx® RD-23s 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
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