PRIMARY ARMS OPTICS

PLX 1-8x24

COMPACT SCOPE 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 infoprimaryarmsoptics.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 Optic 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.

INTRODUCING: PRIMARY ARMS OPTICS PLXC SCOPES

Congratulations on your purchase of our PLx® 1-8x24mm Compact Rifle Scope. This rifle scope is part of Primary Arms Optics PLx line. PLx optics meet the exacting demands of professional use, offering impeccable glass clarity and advanced features from state-of-the-art production facilities.

This user manual will help you learn more about this scope and its features, so you can achieve its best possible performance. Some of these features include...

- Premium Japanese-Made ED glass lenses, which eliminate edge distortion and chromatic aberration.
- Ultra lightweight, compact design. Ultra wide Field-of-View with a forgiving eye-box for superior close-quarters agility and precision.
- AutoLive® reticle illumination technology, an ultra-sensitive motion sensor that turns on your illumination when using your scope, then off again after three minutes of stillness.
- User-configurable turrets with steel-on-steel adjustments, guaranteeing a lifetime of accuracy.
- Tested and proven for durability with extensive 'live fire' testing.
- Backed by an industry-leading Lifetime Warranty.

OPTIC FEATURES

AUTOLIVE®
Our motion-sense technology, AutoLive, greatly extends your battery life when storing optics with active illumination.

DAYLIGHT VISIBLE
Suitable for any environment, our Daylight Visible scopes offer bold reticle illumination, visible even in broad daylight.
Available on ACSS® Raptor and Griffin variants.

ED GLASS
Our ED (Extra-Low Dispersion) Glass greatly reduces chromatic aberration for a cleaner, sharper image.

INTERCHANGEABLE TURRETS
Our Interchangeable Turrets allow you to swap your scope's turrets between capped or tactical settings.

MULTI-COATED LENS
Our Multicoated Lenses are treated with a special finish to reduce reflections and increase light transmission.

RED DOT BRIGHT™
This badge is reserved for scopes with the brightest reticle illumination, comparable to the highest settings on a red dot sight.
Available only on the ACSS® NOVA®.

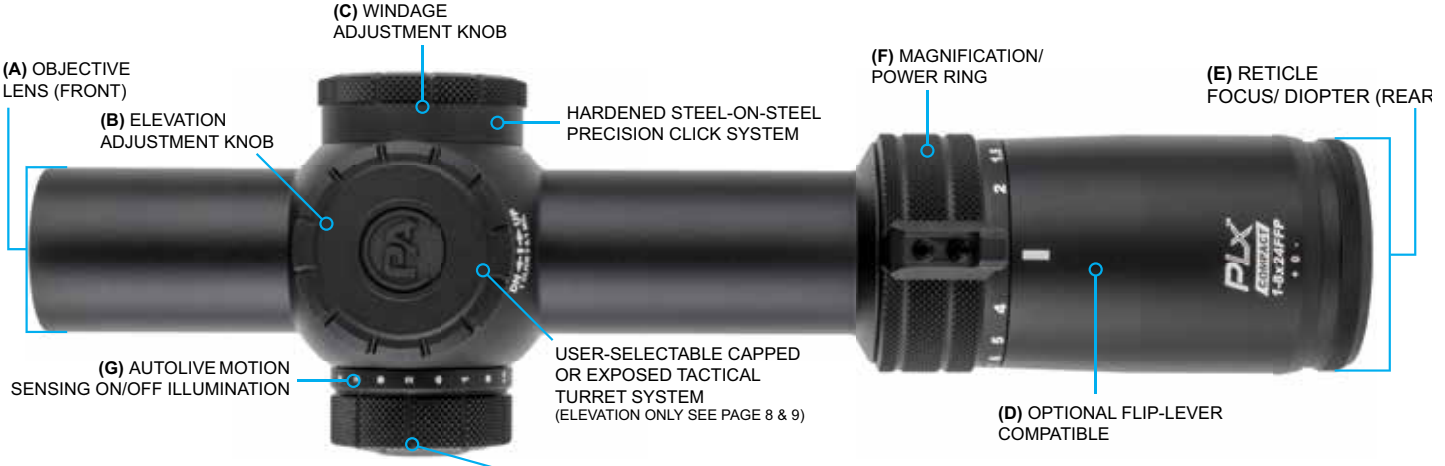
SHOCKPROOF
Our Shockproof optics are reinforced against impact, capable of facing the rigors of duty use.

STEEL ON STEEL (SOS™)
Our Steel-on-Steel Turrets are an upgrade over traditional brass rings, guaranteeing a lifetime of accuracy.

UML LEVERS
Our UML Levers attach directly to your scope's magnification ring for faster, smoother turning.

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

SCAN TO SEE MORE PRIMARY ARMS OPTICS FEATURES


(A) OBJECTIVE LENS (FRONT)
(B) ELEVATION ADJUSTMENT KNOB
(C) WINDAGE ADJUSTMENT KNOB
HARDENED STEEL-ON-STEEL PRECISION CLICK SYSTEM
(F) MAGNIFICATION/ POWER RING
(E) RETICLE FOCUS/ DIOPTER (REAR
(G) AUTOLIVE MOTION SENSING ON/OFF ILLUMINATION
USER-SELECTABLE CAPPED OR EXPOSED TACTICAL TURRET SYSTEM
(ELEVATION ONLY SEE PAGE 8 & 9)
(D) OPTIONAL FLIP-LEVER COMPATIBLE
(H) BATTERY COMPARTMENT

HOW TO ACHIEVE A CLEAR RETICLE PICTURE

This rifle scope features an adjustable diopter. The diopter's position affects the focus of the reticle as you see it inside the scope. Setting the diopter correctly is the critical first step to successful precision shooting.

1. Turn the power selector ring to its highest setting and point the scope at a bright, featureless background, such as blue sky or a blank white wall.

2. With your head in position behind the scope's ocular lens, look at the wall or sky. If you look through prescription glasses when shooting, wear them.

3. Close your eyes.

4. Open your eyes and look through the scope.

5. If the reticle appears blurry before sharpening, the diopter is not in its correct position. You must adjust the diopter ring and try again.

If the reticle appears sharp as soon as you look through the scope, the diopter is in its correct position. Many users will leave a witness mark at this position using paint or fingernail polish. This makes it easier to reset if the diopter is ever turned.

HOW TO SET RETICLE ILLUMINATION

The Reticle Illumination Knob (G) on the left side of the scope is marked with numbers of increasing brightness from increasing brightness from 1 to 10. Between numbered positions, you'll also find off positions marked with a white dot.

The cap unscrews counterclockwise, holding a CR 2032 battery with the positive (+) side facing towards the cap.

Reticle bleed-out, abnormalities, and small imperfections may be visible when viewed indoors or in low light conditions at the brightest settings. This is a normal result of the reticle etching process. 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.

The right amount of illumination creates a clear contrast between the reticle and your intended target, without straining the eye.

HOW TO ESTABLISH ZERO

1. Using a bipod or sandbags, preferably on a bench or in the prone position, turn the Power Ring (F) to a high magnification to see your target as easily as possible.

2. Turn the Elevation Knob (B) counterclockwise to bring the point of impact up (if your shots hit below the aiming point).

3. Turn the Windage Knob (C) counterclockwise to bring the point of impact right (if your shots hit to the left of the aiming point).

Once the optic is zeroed, you can reset the windage and elevation turret caps by following the next instructions.

RESETTING ZERO FOR WINDAGE AND ELEVATION

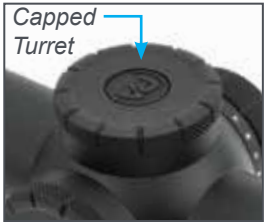
You can reset your Windage (C, see diagram on page 4) and Elevation (B) Knob positions to read "zero" after sighting in your rifle.

1. Using the 1.3 mm hex key (included), turn the three set screws in the knob cap counterclockwise until turret rotates freely. **WARNING: DO NOT** remove set screws completely (refer to diagram 3).

2. Line up the **0** mark with the center line underneath and tighten the three set screws with the 1.3 mm hex key. Be careful not to over torque the set screws.

How to Change Capped to Exposed Tactical Turret

1. Remove the turret cap and set it aside for safe storage.



2. Locate the three set screws on the turret's sides.

3. Loosen each set screw using the included 1.3 mm hex key.

   WARNING: DO NOT remove set screws completely. Stop about 1mm from outside edge (as shown).

4. Remove the turret by lifting straight up. Set it aside for safe storage.

5. To install the Exposed Turret Cap, set it onto the main turret assembly. Be sure that the turret is completely level all the way around. Any misalignment will prevent installation.*

7. Tighten the three set screws using the included 1.3 mm hex key at 4 in-lbs max torque until the turret cap is secure.

6. To set the turret to zero, line up the '**0**' mark on the turret with the line on the scope body. During installation, pay attention to your turret position, as a slip can cause your zero mark to shift.

NOTE: This installation process is the same, whether you're installing the capped or exposed turret.

**Available only on PLxC FFP Variations*

PLX 1-8x24 FFP COMPACT RIFLE SCOPE SPECIFICATIONS		
Focal Plane: First Focal Plane	FOV @ 1x / 100 yd : 121 ft	Red Reticle Illumination, Visible in Bright Sunlight
Magnification: 1x - 8x (min - max)	FOV @ 8x / 100 yd : 14.6 ft	Length (w/o Lens Covers): 9.28 in
Eye Relief: 3.2 in - 3.7 in. (low -high)	Total Windage/Elevation: ≥ 100 MOA	Weight (with Battery, without Lens Covers): 16.95 oz
Exit Pupil: 8 mm - 3 mm (low - high)	Tube Diameter: 30 mm	Battery: 3v CR 2032 (included)
Objective Lens Diameter: 24 mm	Adjustment Click Value: 0.1 MIL	Warranty: Lifetime Warranty

PLX 1-8x24 SFP COMPACT RIFLE SCOPE SPECIFICATIONS		
Focal Plane: Second Focal Plane	FOV @ 1x / 100 yd : 121 ft	Red Reticle Illumination, Visible in Bright Sunlight
Magnification: 1x - 8x (min - max)	FOV @ 8x / 100 yd : 15 ft	Length (w/o Lens Covers): 9.2 in
Eye Relief: 3.2 in - 3.7 in. (low -high)	Total Windage/Elevation: ≥ 100 MOA	Weight (with Battery, without Lens Covers): 16.8 oz
Exit Pupil: 8 mm - 3 mm (low - high)	Tube Diameter: 30 mm	Battery: 3v CR 2032 (included)
Objective Lens Diameter: 24 mm	Adjustment Click Value: 0.1 MIL	Warranty: Lifetime Warranty

Specifications may vary and are subject to change without notice.

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.

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

⚠ **WARNINGS:** 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

- **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.

WEAPON				DATE	
SHOT NO.	DIRECTION/DEFLECTION	ELEVATION	RANGE	AMMO	DESCRIPTION

NOTES:

PRIMARY ARMS

LIFETIME WARRANTY

Your Primary Arms PLx 1-8x24 compact rifle scope 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

SCAN HERE for more information on these optics.

PRIMARY ARMS

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