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SLX[®] 4-14x44 FIRST FOCAL PLANE

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 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.

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PRIMARY ARMS SLx 4-14x44 FIRST FOCAL PLANE RIFLE SCOPE

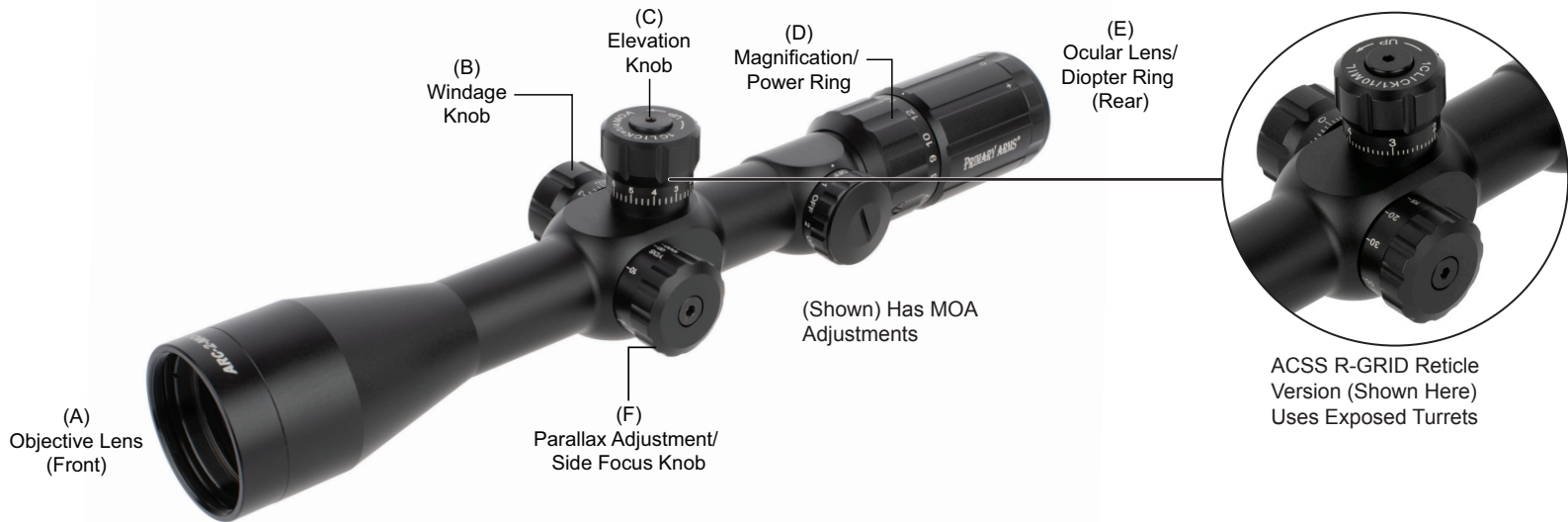
The SLx 4-14x44mm FFP Rifle Scope is one of our most popular optics, offering a balanced mid-power magnification with a durable body and quality lenses. Depending on your choice of reticle, this scope will feature either capped MOA-based turrets or exposed MIL-based turrets for quick and easy zeroing adjustments.



3 Top View with Exposed MOA-based Turrets



Top View with Exposed MIL-based Turrets



ACHIEVING A CLEAR RETICLE PICTURE

Your SLx 4-14x44 FFP rifle scope comes with an adjustable Diopter Ring (E) that must be set to match your eye. Located at the rear of the eyepiece, the Diopter Ring (E) changes the focus of the reticle as you see it inside the scope. It does not change the focus of objects that you look at through the scope. Setting the diopter is the critical first step to successful precision shooting. You can set the diopter before you have even mounted the scope in its rings.

1. Turn the Power Ring (D) to the highest setting, 14x, and point the scope at a bright, featureless background such as blue sky or a blank white wall.
2. Turn the Parallax Adjust Knob to infinity [∞].
3. With your head in position behind the scope's ocular lens, look at the wall or sky instead. If you look through prescription glasses when shooting, wear them now too. After 5 or 6 seconds, close your eyes.
4. Now open your eye, glance through the scope and immediately see if the reticle is sharp or blurry. If you notice that the reticle seems blurry at first and then suddenly sharpens, your eyes have focused on the reticle itself instead of looking **through** the scope. You must adjust the Diopter Ring (E) and try again.
5. If the reticle is blurry, turn the Diopter Ring (E) and repeat the process again. The process will take multiple adjustments. Each time you repeat the process, ask yourself if the reticle was sharper or more blurry than before. The final adjustments may be very fine. If your eyes get watery or tired, walk away for a bit and come back to this later.
6. Once the reticle appears sharp as soon as you glance through the scope, the diopter is set for your eyes. Everyone's eyes are slightly different, so the ideal adjustment changes from person to person. Many marksmen will mark their correct diopter position with a little dab of paint or fingernail polish next to the **0** mark, in case the ring gets turned accidentally later on. Others will apply electrical tape around the diameter of the ring to hold it in place.

This is a one-time adjustment. Reticle details may appear small when not looking at medium or long range targets, especially at low magnification. Shooting at those ranges is best done from a well-supported position using a bipod or sandbags.

ADJUSTING PARALLAX

The Parallax/Side Focus Knob (F) is located on the left side of the scope, marked with ranges from 10 yards to infinity. Although it is often referred to as a “side focus” knob, parallax and focus are not the same thing. Parallax error occurs when the target’s image and the reticle are not aligned on the same focal plane inside the scope. To visualize this, pick a picture on the wall of a room as your “target” and stick your thumb in front at arms length. Your thumb represents the reticle of the scope. Closing one eye and using your thumb to “aim” at the picture on the wall, you will notice that moving your head around changes where your thumb appears to be aimed. This is because your thumb is not located in the same focal plane as the picture on the wall. Any slight change in your head position will change your point of aim, and your point of impact. Adjusting the Parallax/Side Focus Knob (F) eliminates parallax error at different ranges by bringing the reticle into the same focal plane as the target, like having a friend place their thumb directly against the picture on the wall. Parallax error is most noticeable at high magnifications. Adjustment is much easier with your rifle secured by sandbags or a bipod.

1. Turn the Parallax/Side Focus Knob (F) until the target appears to be in focus. This will get you close to the correct adjustment.
2. Looking through the scope at the target, move your head just slightly from side to side. If you lose the sight picture you are moving too much. Go slowly, and see if the reticle appears to move relative to your target. A target that appears to be floating around the reticle as you move your head indicates parallax error.
3. If the target appears to move in the opposite direction of your head, turn the Parallax/Side Focus Knob (F) counterclockwise. If the target appears to move in the same direction as your head, turn the Parallax/Side Focus Knob (F) clockwise. These adjustments are very small. Move the Parallax/Side Focus Knob (F) just a little bit at a time and re-check.
4. Once the reticle and target hold their positions as you move your head from side to side, parallax error is eliminated for targets at this range. Normally this adjustment will also keep the target nicely in focus. However, to gain the most consistent hits on target, it is more important to eliminate parallax error than to have the target perfectly in focus.

ADJUSTING POINT OF IMPACT

With the scope mounted on your rifle, the adjustment knobs can be adjusted externally without removing the caps. From a well-supported position using a bipod or sandbags, turn the Power Ring (D) to maximum, and adjust your windage and elevation knobs (B,C) to dial in your point of impact to the tip of the chevron. When sighting in your rifle, if your shots are hitting low, turn the Elevation Knob (C) counterclockwise to bring the point of impact up. If your shots are hitting to the left, turn the Windage Knob (B) counterclockwise to bring the point of impact right. Each click will change the point of bullet impact 0.25 minute of angle (MOA), or 0.25 inch at 100 yards distance. For MIL-based scopes, the click value is 0.1 milliradian (MIL), or 0.36 inch at 100 yards distance.

Each white line on the turret represents 0.25 MOA or .1 MIL. Using MOA turrets in the example, if you turn the elevation knob from "0" to "8" you will hear and feel the turret click 32 times, and your bullet will impact the target 8 inches higher than before at 100 yards distance.

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1 Click = 0.25 MOA
= 0.25" @ 100 Yards

Point of Impact = UP



1 Click = 0.1 MIL
= 0.36" @ 100 Yards

Point of Impact = UP



SLx 4-14x44FFP RIFLE SCOPE SPECIFICATION

Focal Plane: First Focal Plane	FOV @ 4x / 100 yds: 27.2 ft	Adjustment Click Value: 0.25 MOA / 0.1 MIL
Magnification: 4x (low) - 14x (high)	FOV @ 14x / 100 yds 7.9 ft	Length (w/o Lens Covers): 13 in
Eye Relief: 3.1 in – 3.2 in	Total Windage Adjustment: \geq 60 MOA/17.45 MIL	Weight (with Battery, Without Lens Covers): 25.2 oz
Exit Pupil: 11.2 mm (low) - 3.3 mm (high)	Total Elevation Adjustment: \geq 60 MOA/17.45 MIL	Battery: 3v CR 2032 (included)
Objective Lens Diameter: 44 mm	Tube Diameter: 30 mm	Warranty: Lifetime Warranty


Specifications may vary and are subject to change without notice.


SLx 4-14x44FFP RIFLE SCOPE FEATURES

- Fast Focus Eyepiece
- Fog Resistant
- Fully Nitrogen Purged, IP67 Waterproof Standard and Dust Proof
- 6063 Aluminum with Anodized Matte Black
- Flip-up Lens Covers Included
- Fully Multi-Coated Lenses
- Uses One CR 2032 Battery (Included)
- Backed by our Lifetime Warranty

LENS CARE

Please do not use any organic solvent such as alcohol or acetone on your scope. 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.

 **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.

REMEMBER: THE FOUR RULES OF FIREARMS SAFETY

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

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.



LIFETIME WARRANTY

Your Primary Arms SLx 4-14x44 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

For more information on these optics, go to:
<http://primaryarmsoptics.com/product-category/rifle-scopes/slx/>