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# **1-6x24 GEN III SECOND FOCAL PLANE**

SCOPE MANUAL



Thank you for choosing this Primary Arms optic.

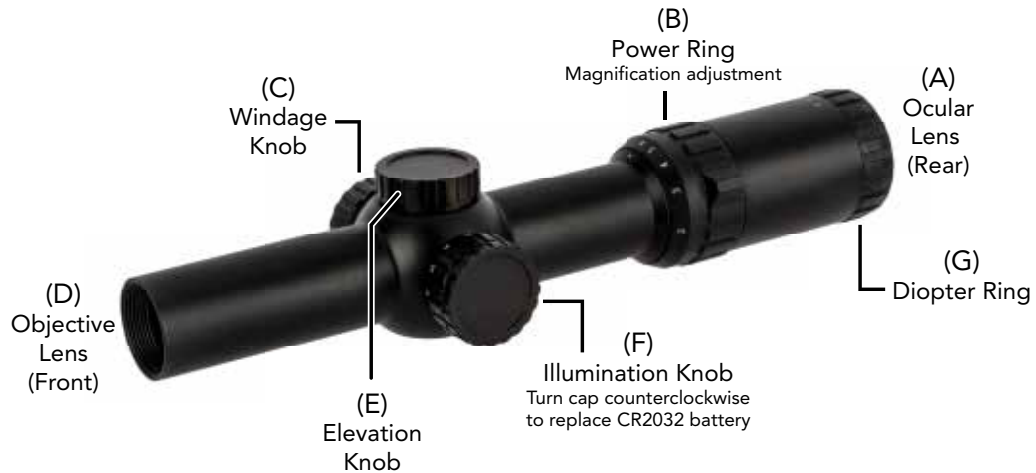
If you have any questions about your new optic or any of our other products, visit us at [www.primaryarmsoptics.com](http://www.primaryarmsoptics.com), email us at [info@primaryarmsoptics.com](mailto:info@primaryarmsoptics.com), or give us a call toll-free at 855-774-2767. The customer service team at 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.

## TABLE OF CONTENTS

Page 3	Introducing: Primary Arms SLx Gen III Rifle Scope
Page 4	Achieving a Clear Reticle Picture <b>PLEASE READ THIS FIRST</b>
Page 5	Adjusting Point of Impact
Page 6	Reticle Illumination
Page 7	Specifications
Page 8	Features
Page 9	Lens Care



## PRIMARY ARMS SLx 1-6x24 GEN III SECOND FOCAL PLANE RIFLE SCOPE

Weighing in under 17oz, the Primary Arms SLx 1-6x24 Gen III SFP Rifle Scope is a lightweight, versatile rifle optic that can excel across ranges. We design all our optics to be durable enough to survive the strenuous conditions of field use, where our low-power variable scopes thrive. That's why it's backed by a lifetime warranty and our commitment to customer satisfaction.

Now in its 3rd generation, the 1-6x24 SFP boasts several improvements over its previous iteration. We've reduced the overall length and trimmed weight while adding additional adjustment, allowing you to zero the optic to your ideal configuration.

As a second focal plane optic, this scope's reticle is calibrated for accuracy at maximum magnification. This gives the user a full-size aiming point for speed at 1x, while retaining the reticle's accuracy when used at max power for long-range accuracy.

1-6x24SFP



## ACHIEVING A CLEAR RETICLE PICTURE

Your SLx 1-6x24 SFP scope comes with an adjustable Diopter Ring (G) that must be set to match your eye. Located at the rear of the eyepiece, the Diopter Ring (G) 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 (B) to the highest setting, 6x, 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 instead. If you look through prescription glasses when shooting, wear them now too. After 5 or 6 seconds, close your eyes.
3. 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 (G) and try again.
4. If the reticle was blurry, turn the Diopter Ring (G) 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.
5. 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 across the ring and the scope body, 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 POINT OF IMPACT

With the scope mounted on your rifle, the adjustment knob caps can be removed revealing finger adjustable knobs underneath. From a well-supported position using a bipod or sandbags, turn the Power Ring (B) to maximum, and adjust your windage and elevation knobs (C, E) 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 (E) counterclockwise to bring the point of impact up. If your shots are hitting to the left, turn the Windage Knob (C) counterclockwise to bring the point of impact right. Each knob click will change the point of bullet impact 0.5 minute of angle (MOA), or 0.5 inch at 100 yards distance.

Once your rifle is sighted in, you can use a screwdriver or fingernail to turn the indicator dial set into the knob until the "0" matches up with a dimple machined into the adjustment knob cap threads. Turning this dial does not affect the point of impact and no clicks will be heard or felt. If you adjust the knobs later to compensate for wind or range, it will be easy to return your scope to your rifle's original "zero". Each white line represents 0.5 MOA. The numbers 8, 12, 16, 32, and 36 represent total adjustment in MOA. Thus, if you turn the elevation knob from "0" to "8" you will hear and feel the turret click 16 times, and your bullet will impact the target 8 inches higher than before at 100 yards distance.



## RETICLE ILLUMINATION

The Illumination Knob (F) control on the left side of the scope is marked with numbers of increasing brightness. The knob cap unscrews counterclockwise, holding a CR2032 battery with the positive (+) side facing towards the cap. The windage turret cap on the opposite side holds a spare CR2032 battery inside. Reticle illumination at the lower settings is useful in low light situations like sunrise and sunset. Reticle “bleed out”, abnormalities and small imperfections may be visible when viewed indoors or in low light conditions while at high illumination settings. This is a normal result of the reticle etching process. Abnormalities at these two settings will not be visible when viewed in daylight conditions. Using these 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.



SLx 1-6x24 SFP GEN III RIFLE SCOPE SPECIFICATION		
Focal Plane: Second Focal Plane	FOV @ 1x / 100 yards : 110 ft	Click Value: 0.5 MOA
Magnification: 1x (low) - 6x (high)	FOV @ 6x / 100 yards : 19.3 ft	Partial Reticle Illumination in Red
Eye Relief: 3.3 – 3.5 inches	Total Windage Adjustment: $\geq$ 50 MOA/14.5 MIL	Length (w/o Lens Covers): 9.8"
Exit Pupil: 9 mm (low) - 4 mm (high)	Total Elevation Adjustment: $\geq$ 50 MOA/14.5 MIL	Weight (with battery, without lens covers): 16.9 oz
Objective Lens Diameter: 24 mm	Tube Diameter: 30 mm	Warranty: Lifetime Warranty


*Specifications may vary and are subject to change without notice.*


## **SLx 1-6x24 SFP RIFLE SCOPE FEATURES**

- Partial Red Reticle Illumination
- Fast Focus Eyepiece
- Fog Resistant
- Fully Nitrogen Purged, IP67 Waterproof Standard and Dust Proof
- 6063 Aluminum with Matte Black Anodized finish
- Flip-up Lens Covers Included
- Uses one CR2032 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



## LIFETIME WARRANTY

Your Primary Arms SLx 1-6x24 SFP Gen III 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](http://www.primaryarmsoptics.com).

Email: [info@primaryarmsoptics.com](mailto:info@primaryarmsoptics.com)

Toll-free at 855-774-2767

[www.primaryarmsoptics.com](http://www.primaryarmsoptics.com)

For more information on these optics, go to:

<http://primaryarmsoptics.com/product-category/rifle-scopes/slx/>