



SLX[®] 3-18x50

**FIRST FOCAL PLANE
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 Optics 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 SLx® SCOPES

Congratulations on your purchase of the Primary Arms SLx® 3-18x50mm FFP Gen 2 Rifle Scope.

This rifle scope is part of our SLx optic line. SLx optics built our reputation for innovation, reliability, and value. All SLx optics undergo rigorous field testing during development to best serve you in any environment.

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...

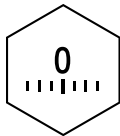
- Versatile 3-18x Magnification Range
- Upgraded 50mm Objective Lens with Enhanced Optical Clarity and Eye Box
- Lightweight 30mm Optic Body
- Parallax Adjustment from 10 yards to Infinity
- 6 Illumination Settings with 'Off' Settings Between
- Includes Dovetail Magnification Lever
- Return-To-Zero and Zero Set Elevation Turret
- Interchangeable Capped/Exposed Windage Turret
- Backed by an industry-leading Lifetime Warranty

OPTIC FEATURES



DAYLIGHT VISIBLE

Suitable for any environment, our Daylight Visible scopes offer bold reticle illumination, visible even in broad daylight.



EASY STOP®

Easy Stop turrets feature an integrated over-travel stop, so you can always be confident when returning to your zero position.



INTERCHANGEABLE TURRETS

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



MULTI-COATED LENS

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



SHOCKPROOF

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



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) WINDAGE
ADJUSTMENT KNOB

(D) MAGNIFICATION/
POWER RING

(E) RETICLE
FOCUS/ DIOPTER (REAR)

(I) PARALLAX
FOCUS KNOB

(C) ELEVATION
ADJUSTMENT KNOB

(F) OPTIONAL
FLIP-LEVER
COMPATIBLE

(G) ILLUMINATION KNOB

(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 a blue sky or a blank white wall.

2. With your head in position behind the scope's ocular, 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 ADJUST PARALLAX

The Parallax Knob is on the left side of the scope, marked with ranges from 10 yards to infinity.

Adjusting the Parallax Knob eliminates parallax error at different ranges by bringing the reticle into the same focal plane as the target. Parallax error is most noticeable at high magnification.

To do this, follow the steps below.

1. Turn the Parallax Knob 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.
3. 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 shows parallax error.
4. Turn the Parallax Knob counterclockwise if the target appears to move in the opposite direction of your head. Turn the Parallax Knob clockwise if the target appears to move in the same direction as your head. Move the Parallax Knob a small amount and re-check.
5. 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.

HOW TO SET RETICLE ILLUMINATION

The Reticle Illumination Knob (G) on the left side of the scope has 6 settings. Between each setting, the 'OFF' setting can be used to save battery when not in use.

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

Using a bipod or sandbags, preferably on a bench or in the prone position, turn the Power Ring to a high magnification to see your point of impact as clearly as possible.

Turn the Elevation Turret counterclockwise to bring the point of impact up (if your shots hit below the aiming point). Turning clockwise will lower the point of impact (if your shots are hitting above the aiming point).

Turn the Windage Turret counterclockwise to bring the point of impact right (if your shots hit to the left of the aiming point). Turning clockwise will shift the point of impact to the left (if your shots hit to the right of the aiming point).

With the optic zeroed, you can reset the windage and elevation turrets by following the instructions on the next page.

HOW TO SET RETURN-TO-ZERO ELEVATION TURRET

The SLx 3-18x50mm FFP Rifle Scope Rifle Scope comes with a special elevation turret that can be reset to zero with an over-travel stop. This will make it easier to keep track of your rifle's standard zero and prevent you from overshooting it on quick adjustments.

Ensure that your optic is FULLY ZEROED before you proceed. Do NOT set your return-to-zero or over-travel stop before you zero your optic. Otherwise, you will need to repeat these steps.

1. With your optic FULLY ZEROED, use the included 1.5mm Allen Key to loosen the three set screws on

the top edge of your elevation turret cap. You do not need to fully remove them.

2. Gently remove the turret cap from the optic by pulling it straight up. Be careful not to accidentally turn the turret as you remove it, or you will need to turn it back to zero.
3. Loosen the three additional locking set screws. Do NOT remove these screws completely. Just loosen them until you can move the sleeve.
4. Gently lift the sleeve up to full height and turn it counterclockwise. After a few turns, the sleeve

should contact the turret body, preventing any further turning. Be very careful not to accidentally turn your turret while adjusting the sleeve.

5. Hold the sleeve in place and re-tighten the locking set screws. Once you have one screw tightened, you should be able to release the sleeve.
6. Set your turret cap back on, aligning the '0' line with the index line on the scope body. Gently press the scope cap back down, once again being careful not to make any lateral movements.
7. Re-tighten the three turret cap screws.

HOW TO CHANGE CAPPED TO EXPOSED WINDAGE TURRET

The SLx 3-18x50mm FFP Rifle Scope allows you to swap between an exposed and a capped setting. The exposed setting is better if you frequently make windage adjustments with your turret. If you prefer to use holdovers for windage, the capped setting will minimize the overall profile of your optic.

To swap between exposed/tactical and capped turrets, follow the following instructions.

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 1.5mm hex key.



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



WARNING:
DO NOT remove the screws completely.

5. Set the exposed turret on the main turret assembly. Be sure the turret is level all the way around. Any misalignment will prevent installation.



6. Ensure the turret's '0' mark lines up with the index line on the scope body.



7. Tighten the three set screws using the included 1.5mm hex key.



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

SLx 3-18x50 FFP RIFLE SCOPE SPECIFICATIONS

Magnification: 3x (low) - 18x (high)	FOV @ 3x / 100 yd: 35 ft	Adjustment Click Value: 0.1 MIL
Focal Plane: First Focal Plane	FOV @ 18x / 100 yd: 5.9 ft	Red Reticle Illumination: 6 Settings
Eye Relief: 3.75 in	Total Windage Adjustment: \geq 64 MOA	Length (w/o Lens Covers): 13.6 in
Exit Pupil: 8 mm (low) - 2.8 mm (high)	Total Elevation Adjustment: \geq 100 MOA	Weight (with Battery, without Lens Covers): 32.4 oz
Objective Lens Diameter: 50 mm	Tube Diameter: 30 mm	Battery: 3v CR 2032
		Warranty: Lifetime Warranty

Specifications may vary and are subject to change without notice.


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

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:** 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

- **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:

WEAPON

DATE

SHOT NO.

DIRECTION/DEFLECTION

ELEVATION

RANGE

AMMO

DESCRIPTION

NOTES:

WEAPON

DATE

SHOT NO.

DIRECTION/DEFLECTION

ELEVATION

RANGE

AMMO

DESCRIPTION

NOTES:



LIFETIME WARRANTY

Your Primary Arms SLx 3-18x50 FFP 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



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