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EPL-4 OWNER'S MANUAL

➤ 6-24X50

➤ 4-16X44

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EPL-Extreme Precision Light:

Our mission to combine quality , performance and precision at a tremendous value continues .The EPL (EP Light) is our LightWeight Hunter version of the EP (Extreme Precision) series . This refined Hunter is built on a streamline 30mm main tube to reduce overall weight . Our Japanese ELD glass (Extraordinary Low Dispersion) and VHR (Variable Hunter Reticle) combine to provide astonishing optical performance making this a pleasure for users of al skill levels and disciplines.

Typical use : hunter, long range/general purpose. All skill levels.

SPECIFICATIONS:

6-24x50

Magnification: 6-24x
 Objective Diameter: 50 mm
 Eye Relief: 3.5 inches
 Field of View: 18.55-4.65 ft@100 Yards
 Tube Size: 30 mm
 Turret Adjustment: 0.1 MRAD / 0.25 MOA
 Reticle Position: First Focal Plane
 Reticle Details: VHR MIL / VHR MOA
 Zero Stop: AZS Zero Stop System
 Zero Reset: Yes
 Elevation Adj. Range: 20 MRAD / 68 MOA
 Windage Adj. Range: 12 MRAD / 41 MOA
 Elevation Adj. Per Revolution: 8 MRAD / 20 MOA
 Windage Adj. Per Revolution: 6 MRAD / 15 MOA
 Parallax: Side Parallax Adjustments, 10Yds-Infinity
 Illuminated Reticle: Red
 Turret Rotation: Counter Clockwise (CCW)
 Length: 13.8 inches
 Weight: 23.7 oz

4-16x44

Magnification: 4-16x
 Objective Diameter: 44 mm
 Eye Relief: 3.6 inches
 Field of View: 30-7.5 ft@100 Yards
 Tube Size: 30 mm
 Turret Adjustment: 0.1 MRAD / 0.25 MOA
 Reticle Position: First Focal Plane
 Reticle Details: VHR MIL / VHR MOA
 Zero Stop: AZS Zero Stop System
 Zero Reset: Yes
 Elevation Adj. Range: 25 MRAD / 86 MOA
 Windage Adj. Range: 17 MRAD / 5 MOA
 Elevation Adj. Per Revolution: 8 MRAD / 20 MOA
 Windage Adj. Per Revolution: 6 MRAD / 15 MOA
 Parallax: Side Parallax Adjustments, 10Yds-Infinity
 Illuminated Reticle: Red
 Turret Rotation: Counter Clockwise (CCW)
 Length: 13.2 inches
 Weight: 23.85 oz



Arken Zero Stop (AZS) & Turret Alignment

The **Arken Zero Stop (AZS)** allows the shooter to quickly and consistently return the elevation turret back to the sight in distance (or zero). Please use the 2mm allen wrench to loosen the **AZS Set Screw** on the **elevation** turret and raise the **AZS Zero Stop**.

1. 'Slip' the turrets: (For both Elevation & Windage Turrets)
Hold the turret in place to ensure the turret does not move during this process. Please use the 2mm allen wrench to loosen the THREE turret cap retaining screws on the SIDE of the turret. This will allow the turret to spin freely without rotating the internal components of the turret.
2. Set Turrets to Zero "0":
Rotate the turret cap to align the "0" indicator mark of the turret cap with the indicator mark on the scope tube. Carefully, tighten the THREE retaining screws on the SIDE of each turret cap.
3. Set the AZS (Arken Zero Stop)
Rotate the turret UP 2 clicks. Gently, turn the AZS located on TOP of the elevation turret clockwise to lower until you feel the AZS bottom out. Then, loosen the AZS a quarter turn to alleviate any tension. Finally, tighten the AZS Set Screw against the AZS.
4. Rotate the turret back to Zero "0".
AZS IS SET. You should have a firm stop that allows you to consistently return to zero.

The Subtension Scale: MIL or MOA:

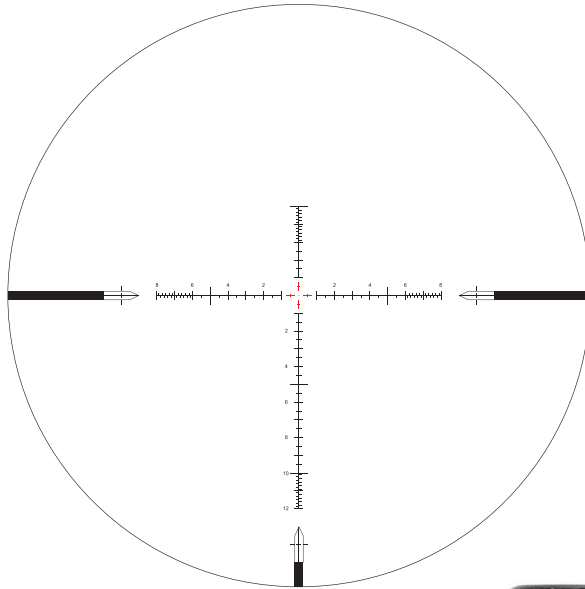
Depending on which version you have purchased, your SH-4 riflescope will feature elevation/windage adjustments and reticles scaled in either MOA or MRAD (MIL). If you are unsure of which scale you have, reference the top of the elevation turret. Both unit of arc scales are effective at ranging and/or adjusting for bullet trajectory. For best results, the user must understand either system being employed. We recommend understanding both.

MRAD (Milliradian): 1/1000th of 1 radian of arc
 1 MIL = 3.438 MOA
 1 MIL = 3.599 inches @ 100 yards
 1/10 MIL = 0.359 inches @ 100 yards

MRAD							
100 yd	200 yd	300 yd	400 yd	500 yd	600 yd	700 yd	800 yd
3.6"	7.2"	10.8"	14.4"	18"	21.6"	25.2"	28.8"

MOA (Minute of Angle): 1//60th of 1 degree of arc
 1 MOA = 1.047 inches @ 100 yards
 ¼ MOA = 0.261 @ 100 yards.

MOA							
100 yd	200 yd	300 yd	400 yd	500 yd	600 yd	700 yd	800 yd
1"	2"	3"	4"	5"	6"	7"	8"



Reticle Focus Adjustment:

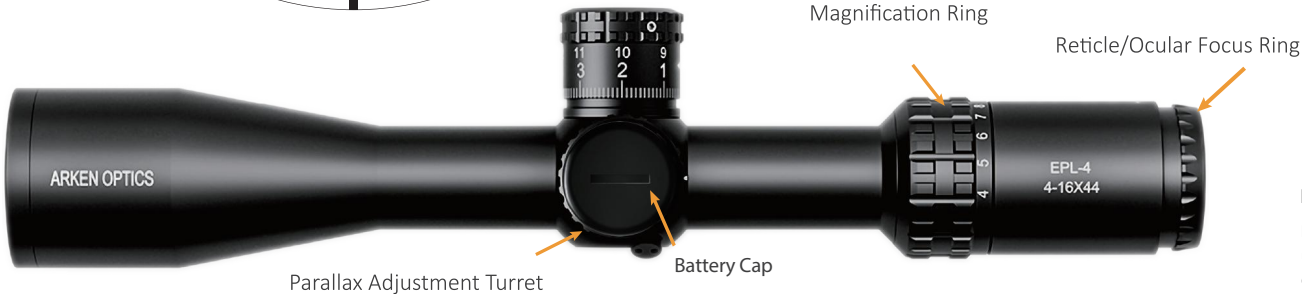
To adjust reticle focus, rotate the Reticle Focus Ring while looking at an unobstructed background. The eye will continually refocus, so this should be done in short bursts. Look away between each adjustment. The reticle should be sharp and should not appear to move with small head adjustments. Once properly set, the eye should not have to work to get the reticle in focus.

Parallax Adjustment:

To eliminate parallax, rotate the Parallax Adjustment Turret. Proper adjustment will eliminate all reticle movement within the eye box.

Variable Power Adjustment:

To obtain the desired magnification, rotate the Magnification Ring so that the indicator on the Ring corresponds with the magnification level on the ocular housing.



Battery Cap Tool

Note: Use the provided tool to unscrew the battery cap and change the CR2032 battery.

Parallax Adjustment Turret

Battery Cap

Magnification Ring

Reticle/Ocular Focus Ring