



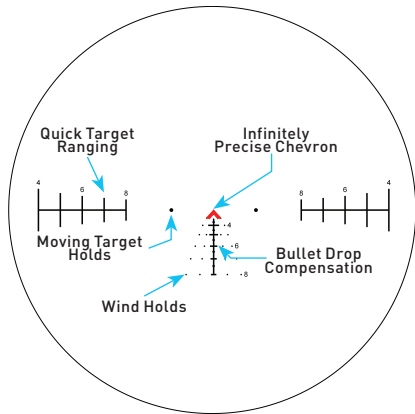
**SLX<sup>®</sup> 5x MICRO PRISM**

**ACSS<sup>®</sup> AURORA<sup>®</sup> 5.56/.308 YARDS RETICLE MANUAL**

## ACSS® AURORA® 5.56/.308 Y RETICLE

The ACSS Aurora reticle is a high-performance BDC reticle with a comprehensive toolset for ranging and engaging targets. This reticle uses yards-based holdovers, which are optimized for 5.56 and .308 cartridges.

For best results, you should familiarize yourself with the various features of your ACSS reticle. This manual provides detailed information on all your reticle's functions and includes recommendations for zeroing.



## TARGET RANGING

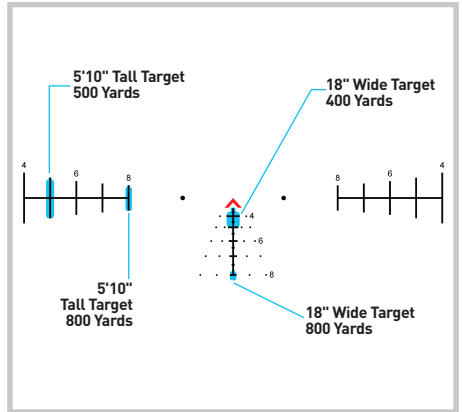
Knowing the distance to your target is crucial to using the reticle effectively. The ACSS Aurora reticle allows you to range using target width, full height, or half height.

**WIDTH:** The width of each BDC stadia correlates to an 18" measurement at its indicated distance. To range a target by its width, simply hold your BDC over your target and find the stadia which most closely matches its width.

**HEIGHT:** To range a target by its height, use the numbered stadia to the sides of the center chevron. Each full stadia mark represents a 5'10" height at its indicated distance.

You can also use the top or bottom half of a vertical stadia to range 35" targets. This is most useful for crouched or partially concealed

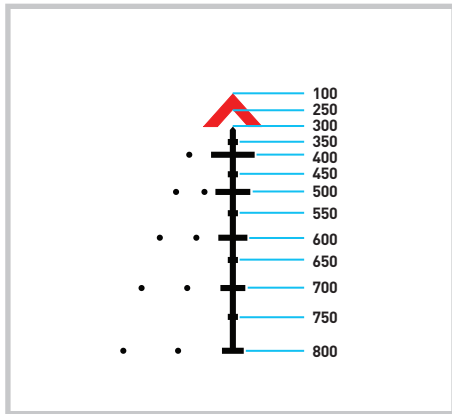
targets, holding crotch-to-head. For targets at extreme distances, you can also use the half-stadia to range a target at double its indicated distance.



## BULLET DROP COMPENSATION (BDC)

The ACSS Aurora reticle features built-in BDC holdovers to help you make fast, effective shots at variable distances. While this BDC can fit various cartridges and velocities, it is optimized for 5.56 and 7.62x51.

The BDC starts at the tip of the chevron and ends at the 800-yard stadia. To use the BDC, simply aim at your target using the stadia coinciding with the target's distance. The ACSS Aurora 5.56 Yards reticle also features smaller marks between numbered stadia, representing holds at 50-yard increments.



## ZEROING YOUR OPTIC

For your BDC to be accurate, it is very important that you zero your optic properly. The optimal zeroing distance for your scope will change depending on your cartridge, barrel length, and environmental conditions.

For basic zeroing recommendations, use the included table, referencing your cartridge, barrel

length, and elevation. For the best results, we recommend using a ballistic calculator like Strelok to fine-tune your zero distance.

You should true your zero by practicing shots at variable distances and adjusting accordingly. This will also help you learn your BDC and ranging tools intuitively.

<b>5.56mm</b>				
M855 62gr	1,000 ft.	2,000 ft.	3,000 ft.	0 Distance
14.5" Barrel	+1.0	+0.5	0	100 yards
16" Barrel	+0.5	0	-0.5	100 yards
20" Barrel	0	-0.5	-1.0	100 yards
M193 55gr	1,000 ft.	2,000 ft.	3,000 ft.	0 Distance
14.5" Barrel	0	0	0	50 yards
16" Barrel	+1.0	+0.5	0	100 yards
20" Barrel	0	0	-0.5	100 yards

<b>6.5 Grendel</b>
123gr VMAX Zero at 100 yards 2,600 fps
123gr VMAX Zero at 50 yards 2,550 fps
123gr VMAX Zero at 200 yards 2,500 fps

<b>6.8 Rem SPC</b>
120gr SST Zero at 100 yards 2,460 fps

<b>.223 Remington</b>
55gr VMAX Zero at 100 yards 3,100 - 3,200 fps
60gr VMAX Zero at 100 yards 3,050 - 3,150 fps
69gr SMK Zero at 100 yards 2,900 - 2,950 fps
75gr HNDY +0.5" at 100 yards 2,700 - 2,750 fps
77gr SMK +1.0" at 100 yards 2,700 - 2,750 fps

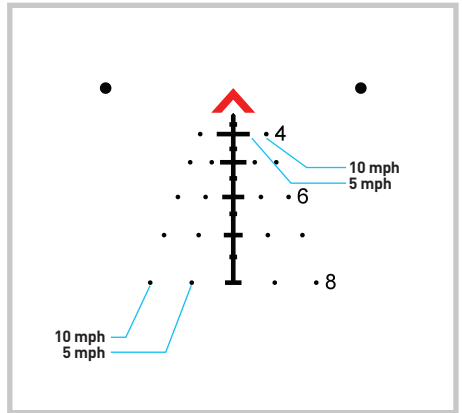
<b>5.45 x 39mm</b>				
7n6 53gr	1,000 ft.	2,000 ft.	3,000 ft.	0 Distance
16" Barrel	0	0	-0.5	100 yards

<b>7.62x51mm / .308 Winchester</b>	
M80 147gr +1.0" at 100 yards 2,650 - 2,700 fps	
168gr SMK +1.0" at 100 yards 2,600 - 2,650 fps	

## WIND HOLDS

Starting at 400 yards, your BDC includes dual-speed wind holds to help you compensate for crosswinds. Each numbered BDC stadia has two dots on each side. These dots represent a 5-mph or 10-mph crosswind hold at that distance.

Note: For the 400-yard stadia, only the 10-mph hold is visible, as the 5-mph hold falls inside the edge of the stadia itself.



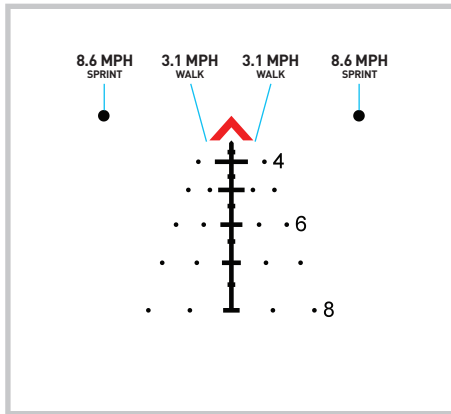
## MOVING TARGET LEADS

ACSS Aurora includes several tools for engaging moving targets. These tools are most effective for targets up to 300 yards.

The outer edges of the chevron serve as moving target leads for targets moving at 3.1 mph (5 kph) at a 90-degree angle to the marksman.

Lead dots on each side of the chevron are for targets running at 8.6 mph (13.8 kph).

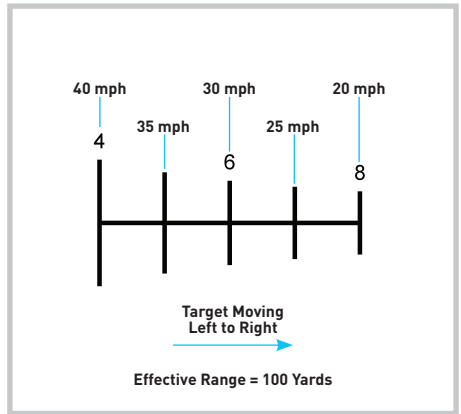
For a target moving left to right, use the left-side moving target lead. If the target is moving right to left, use the right-side moving target lead.





## FAST MOVING TARGETS

The ranging bars located to the left and right of the center chevron can be used as moving target leads for fast-moving targets traveling at roughly a 90-degree angle to the user. These leads are most effective at target ranges around 100 yards.





## **NOTES:**

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



## LIFETIME WARRANTY

Your Primary Arms SLx 5x MicroPrism 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:

<https://primaryarmsoptics.com/product-category/prism-scopes/>

© Copyright 2023 PRIMARY ARMS, LLC  
is a registered trademark of PRIMARY ARMS, LLC

For Patent Information go to <https://goo.gl/2z62aS>