



PLX[®] 1-8x24

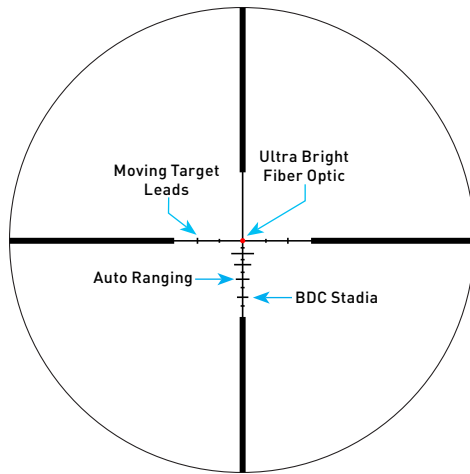
**COMPACT SECOND FOCAL PLANE
ACSS[®] NOVA[®] 5.56/.308[™] RETICLE MANUAL**

THE ACSS® NOVA® 5.56/.308™ RETICLE

The ACSS NOVA 5.56/.308 is an advanced BDC reticle that leverages a high-efficiency fiber optic wire for ultra-bright illumination. With built-in target ranging, full 5.56/.308 ballistic drop holdovers, and moving target leads, this reticle provides a comprehensive toolset for engaging targets at variable distances.

To get the best results, it's important that you familiarize yourself with the various features of your ACSS reticle. This manual provides detailed information on all your reticle's core functions.

NOTE: For Second Focal Plane (SFP) scopes, your auto-ranging and holds are for MAX MAGNIFICATION ONLY.



RETICLE LAYOUT & MIL SUBTENSIONS

The ACSS NOVA 5.56/.308 has a simple, yet effective layout, helping you to get the most from its powerful fiber-optic illumination.

The horizontal and vertical crosshairs draw the eye to the bright center aiming point. On the proper setting, the center of your crosshair will appear as a bold red dot, offering similar acquisition to a reflex sight.

From center, your crosshairs feature 4 full MIL stadia marks before tapering at the 5th MIL. Half-MIL subtensions appear as smaller, 1 MOA hash marks.

TARGET RANGING

Knowing the distance to your target is crucial to using the reticle effectively. The ACSS NOVA 5.56/.308 reticle allows you to range a target using an 18-inch "Shoulder-to-Shoulder" width*.

The Auto Ranging BDC stadia are sized to match an 18" wide target at it indicated distance.

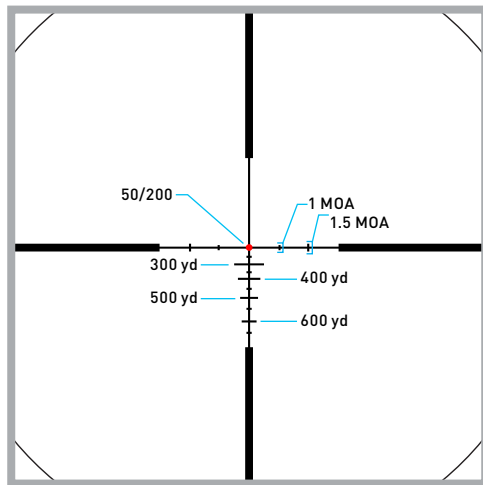
*All drop and ranging stadia are calibrated for 8x.

1st Stadia = 300 yd

2nd Stadia = 400 yd

3rd Stadia = 500 yd

4th Stadia = 600 yd



Shown at 8x magnification

To range your target, hold your BDC over an 18" cross-section ("Shoulder-to-Shoulder") and find the stadia which most closely matches its width. This will give you a quick estimate of the target's distance, allowing you to compensate for drop more effectively.

MOVING TARGET LEADS

The ACSS NOVA 5.56/.308 reticle features built-in leads to help you engage walking, jogging, or sprinting targets. These leads are most effective at when shooting at distances between 100 and 300 yards.

Starting from the center, your horizontal crosshair features two bars and a taper on both the right and left side:

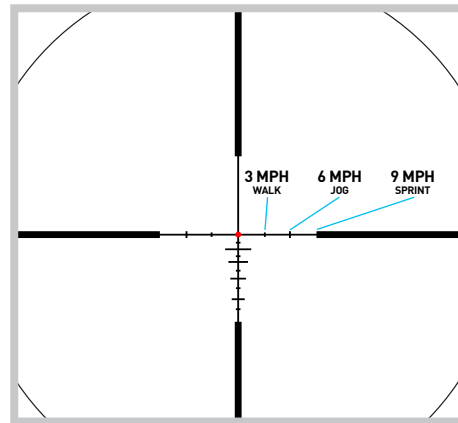
The first (innermost) bar represents a 3 mph (4.8 km/h) 'Walking' lead.

The second (middle) bar represents a 6 mph (9.7 km/h) 'Jogging' lead.

The crosshair's taper point represents a 9 mph (14.5 km/h) 'Sprinting' lead.

If your target is moving right-to-left, use the leads on the right side.

If your target is moving left-to-right, use the leads on the left side.



Shown at 8x magnification

BULLET DROP COMPENSATION

5.56/.308 mm					.223 Remington	5.45x39mm				
M855 62gr	1,000 ft.	2,000 ft.	3,000 ft.	0 Distance	55gr VMAX Zero at 100 Yards 3,100 - 3,200 fps	7n6 53gr	1,000 ft	2,000 ft.	3,000 ft.	0 Distance
14.5" Barrel	+1.0"	+0.5"	0	100 Yards	60gr VMAX Zero at 100 Yards 3,050 - 3,150 fps	16" Barrel	0	0	-0.5"	100 Yards
16" Barrel	+0.5"	0	-0.5"	100 Yards	69gr SMK Zero at 100 Yards 2,900 - 2,950 fps	6.5 Grendel				
20" Barrel	0	-0.5"	-1.0"	100 Yards	75gr HNDY +0.5" at 100 Yards 2,700 - 2,750 fps	123gr VMAX Zero at 100 Yards 2,600 fps				
M193 55gr	1,000 ft.	2,000 ft.	3,000 ft.	0 Distance	77gr SMK +1.0" at 100 Yards 2,700 - 2,750 fps	123gr VMAX Zero at 50 Yards 2,550 fps				
14" Barrel	0	0	0	50 Yards	7.62x51 mm/.308 Winchester	123gr VMAX Zero at 200 Yards 2,500 fps				
16" Barrel	+1.0"	+0.5"	0	100 Yards	M80 147gr +1.0" at 100 yards 2,650 - 2,700 fps	6.8 Rem SPC				
20" Barrel	0	0	-0.5"	100 Yards	168gr SMK +1.0" at 100 Yards 2,600 - 2,650 fps	120gr SST Zero at 100 Yards 2,460 fps				

WEAPON				DATE	
SHOT NO.	DIRECTION/DEFLECTION	ELEVATION	RANGE	AMMO	DESCRIPTION

NOTES:

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NOTES:



LIFETIME WARRANTY

Your Primary Arms PLx 1-8x24 Compact 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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