

PAC5X



READ THIS FIRST!

The top Picatinny rail is NOT removable. Removing the rail could cause nitrogen leak and void the warranty.

A prismatic scope uses a series of lenses to bend the light so that the scope can be more compact. The reticle must be viewed when mounted at the proper eye relief or it may appear canted. Each individual unit has been tested. Mount it up and go shooting. The reticle will be in proper alignment to the upper receiver rail on your AR15.

Thread locker is recommended on the base and accessory rail screws.

PRIMARY ARMS®

5X Prism Scope with
Patented .223/5.56, 5.45x39, .308
ACSS® Reticle

"Advanced Combined Sighting System" combining Bullet Drop Compensation, Range Estimation, Wind and Leads in one easy to use system.

ACHIEVING CLEAR PICTURE

The first step is to focus the reticle using the diopter ring at the rear of the eyepiece. Looking at a light background, the reticle should appear sharp and crisp. If it does not, you need to adjust by using the ring. If you are farsighted, turn the ring clockwise a few turns; if nearsighted, turn it counterclockwise. Look at the scope with quick glances and adjust until it is clear. This is a one-time adjustment.

Numbers and crosshair might appear small when not looking at the range they are set for which is 400-800 yards. When shooting at those ranges, we advise you to do so in the prone position.

Your new scope has a one year warranty against manufacturer defects. If you have any questions, please email or call.

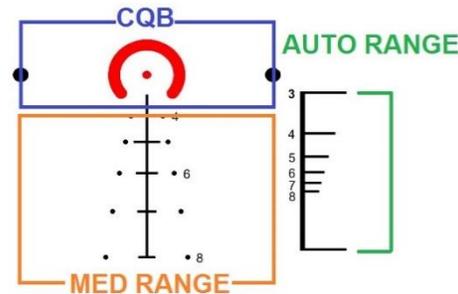
Email: info@PrimaryArms.com
713-344-9600

www.primaryarms.com



GETTING TO KNOW THE ACSS® RETICLE

ACSS® (Advanced Combined Sighting System) is a giant leap forward in reticle design that utilizes bullet drop compensation correlated with range estimation, wind, and leads in one simple to use system. The ACSS reticle increases first hit ratio and decreases time on target dramatically. It is a two-part reticle that allows you to be very fast from 0 to 300 yards and very accurate from 400 to 800 yards.



ESTABLISHING ZERO

Using bipod and sandbags, preferably on a bench or in the prone position, adjust your turrets to dial in your point of impact five (5) rounds at 100 yards to center dot. Each click is 1/2 MOA OR 1/2 INCH at 100 yards. How high up or down you "dial in" depends on your rifle and ammunition (covered in the ballistic section).

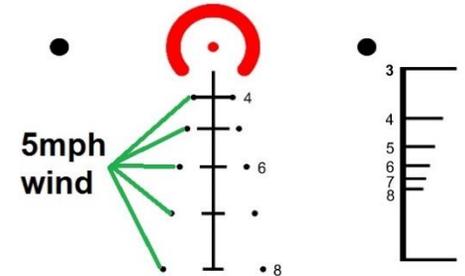
GETTING TO KNOW YOUR BULLET DROP COMPENSATION (BDC)

Gravity will affect your bullet's trajectory (or path). The BDC starts at the center dot and finishes at the 800 yard mark indicated by the number (8). We recommend you establish a steady position in order to utilize the BDC.

UNDERSTANDING THE WIND OR DRIFT

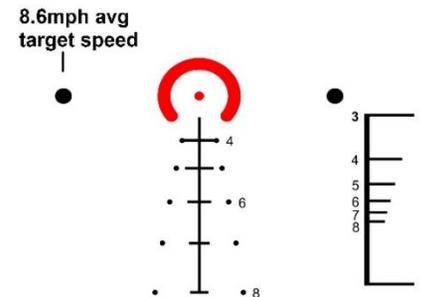
Notice the dots aligned with BDC. They are the 5 mph wind marks as shown in the following picture. Wind will cause

the bullet to drift left or right depending on wind direction. Understanding wind is very important, as even a 2 MPH wind at 90 degree angle can drift your round over 100" at 600 yards. For example, if you have approximately a 2.5 mph wind, you would hold half-way to the dot. If you have a 10 mph wind, you would double the hold of the dot and so on.



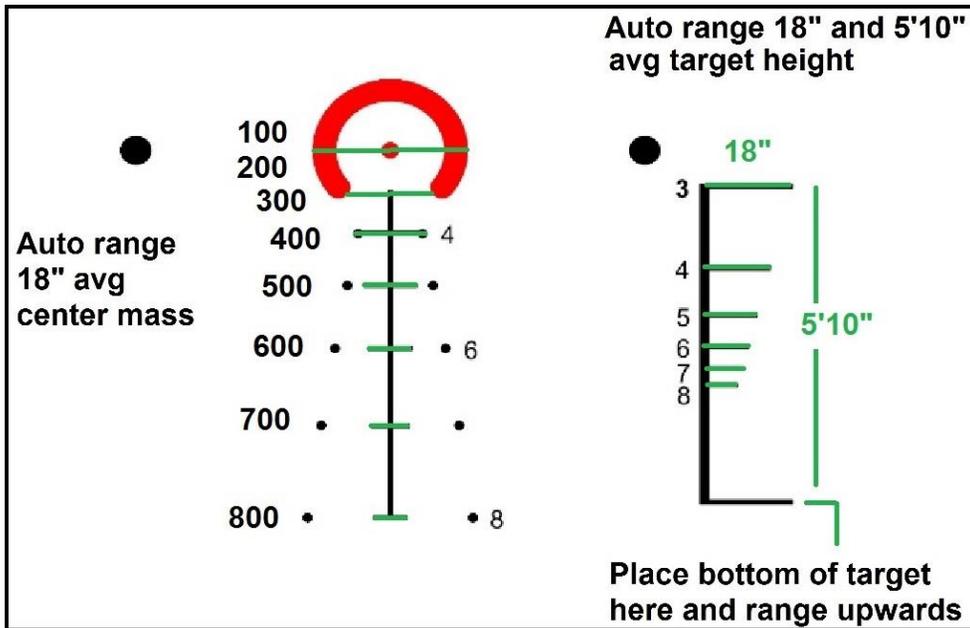
LEADING YOUR TARGET

The average target moves at 8.6 MPH. The "lead dots" are set for a 90 degree angle. Depending on the direction of the target, fire using the "lead dots" instead of the center dot in red. They are best used at 100 to 300 yards and are highly effective on targets of opportunity.



For more information on how to use your ACSS® reticle, please check out our YouTube video at

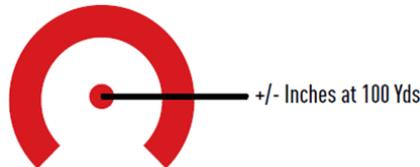
<http://youtu.be/nxwaiDeXP8c>



HOW TO RANGE YOUR TARGET

Knowing the proper range of your target is crucial in order to have the right hold on your BDC. Note that the 18" portion can also be used to range predator (shoulder to hip) and some small game with an 18" measurement.

Primary Arms®
"ACSS UNIVERSAL"
.223/5.56 5.45/39 7.62X51mm/.308



DIALING IN FOR YOUR BARREL LENGTH AND AMMUNITION

Establishing (0) or dialing in your scope
 Depending on type of ammunition barrel length and weather conditions the [POI] will vary. This chart is based on a 100 yard zero +/- with exception of the 50 yard 0 recommended for M193/14.5" barrels.

How to use the zero chart

Find your type of ammo on the left top corner. Starting on the left, locate your barrel length. Line up with your elevation and dial in +/- inches at 100 yards

Specs and Features

- Magnification: 5X
- Illumination: red and green
- Waterproof
- Fog Resistant
- Field of view: 18.8 ft. at 100 yards
- Diopter adjustment: +3 to -3
- Eye relief: 2.5-3.0 in.
- Uses one CR2032 battery (included)
- Length: 6.0 in.
- Net Weight: 17.6 oz.
- Optional kill flash sold separately

Zero in using the ballistic chart below according to your altitude and barrel length. Increments are in inches.

5.56mm				
m855 62gr	1000 ft.	2000 ft.	3000 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
.223				
55gr VMAX 0 at 100 yards	3100 - 3200 fps			
60gr VMAX 0 at 100 yards	3050 - 3150 fps			
69gr SMK 0 at 100 yards	2900 - 2950 fps			
75gr HNDY +0.5" at 100 yards	2700 - 2750 fps			
77gr SMK +1.0" at 100 yards	2700 - 2750 fps			
7.62x51mm / .308				
M80 147gr +1.0" at 100 yards	2650 - 2700 fps			
168gr SMK +1.0" at 100 yards	2600 - 2650 fps			
5.45mm				
7n6 53gr	1000 ft.	2000 ft.	3000 ft.	0 Distance
16" Barrel	0	0	-0.5	100 yard 0



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