

PA PRIMARY ARMS®

1-8X24 Front Focal Plane Scope

with ACSS® 5.56 / 5.45 / .308 Reticle



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

Platinum Series



READ THIS FIRST!

Years of research resulted in the most advanced reticle to date. The ACSS® FFP 5.56/ .308/ 5.45 reticle is a revolutionary CQB-MED reticle in one, designed from the ground up with uncompromised craftsmanship and optical clarity in mind. This precision optic is designed for fast CQB and accurate medium range shooting. Designed and fully manufactured in Japan for durability and reliability, it is constructed with rugged, high strength aluminum alloy capable of handling heavy recoil and abuse. It is fast at 1X and extremely accurate at 8X remaining true at all magnifications.

For more information on the product and how to use your beloved ACSS® reticle, please check out our YouTube videos at <https://goo.gl/AVqMZv>.



SPECIFICATIONS & FEATURES

- | | |
|--------------------------------|------------------------------|
| Tube Diameter: 34 mm | Length: 11.02 inches |
| Magnification: 1-8X | Net Weight: 26.45 oz. |
| Objective Diameter: 24 mm | Red Partial Illumination |
| Ocular Diameter: 36 mm | Fast Focus Eyepiece |
| Exit Pupil: | Front Focal Plane |
| 11.7 mm at 1X, 3.0 mm at 8X | Waterproof |
| Eye Relief: | Nitrogen purged |
| 3.98 in. at 1X, 3.86 in. at 8X | Fog resistant |
| Field of View: | Fully Multi-Coated |
| 105.8 feet @ 100 yards at 1X | A5056 Aluminum |
| 13.25 feet @ 100 yards at 8X | Comes with High Quality Flip |
| Click Value: 0.1 MRAD | Up Scope Covers |
| Total Elevation and Windage | Made in Japan |
| Adjustment range: 30 MRAD | |

INSTRUCTIONS

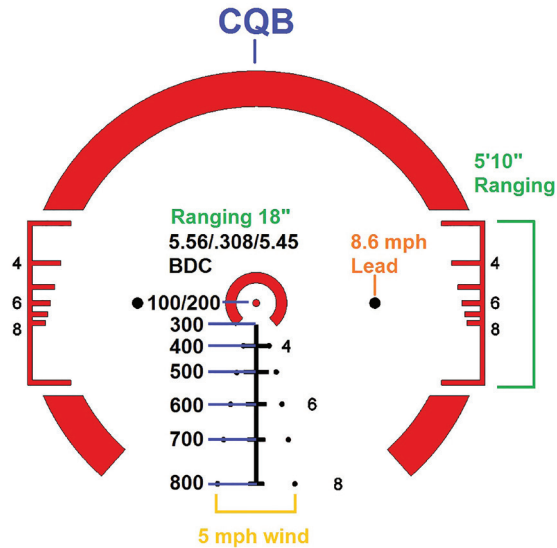
ACHIEVING CLEAR PICTURE

The first step is to focus the reticle by 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 the ring. If you are farsighted, turn the ring clockwise a few times; if nearsighted, turn it counter clockwise. 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 400-800 yards. When shooting at those ranges, we advise you do so in the prone position.

GETTING TO KNOW THE ACSS® RETICLE

ACSS® (Advanced Combined Sighting System) is a giant leap forwards 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, at 8X, adjust your turrets to dial in your point of impact (5) rounds at 100 yards to center dot. Each click is 0.1 MRAD. How high up or down you dial in depends on your rifle and ammunition covered in the ballistic section.

ELEVATION AND WINDAGE LOCKING TURRETS

When a turret is lifted, it can be rotated in either direction to make appropriate adjustments.

Each "click" represents .1 mil. After adjustments are made, the turret can be pushed back into the downward position to prevent movement, or left elevated and ready for further adjustments if preferred.

Rotate the elevation turret knob counterclockwise to move the reticle up, or clockwise to move it down. Rotate the windage dial counterclockwise to move the reticle right, or clockwise to move it left.

After adjustments have been made, you can reset the turret to zero:

1. Ensure the turret is in the down lock position.
2. Use the provided Torx wrench to remove the turret screw found on top of the turret knob, being careful not to move the O-ring found under the turret knob.

3. Remove the turret knob and return it to the turret, with the "zero" mark on the knob lining up with the vertical index line on the turret.
4. Return turret screw to top of knob and tighten down, making sure the turret knob is in the locked position so the turret knob does not turn while tightening the screw.

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 5 mph wind marks as in the picture below.

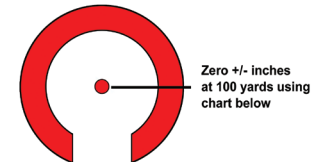
Wind will cause the bullet to drift left or right depending on direction. For example, if you have approximately a 2.5 mph wind, you would hold half way to the dot. If you have a 10 mph wind, you would double the hold of the dot and so on.

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 movers.

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.



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

HOW TO USE THE ZERO CHART

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

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 to the 50 yard 0 recommended for M193/14.5" barrels.

5.56mm				
m855 62gr	1000ft	2000ft	3000ft	0 Distance
14.5" Barrel	+1.0	+0.5	0	100 yard
16" Barrel	+0.5	0	-0.5	100 yard
20" Barrel	0	-0.5	-1.0	100 yard
m193 55gr				
14.5" Barrel	1000ft	2000ft	3000ft	0 Distance
14.5" Barrel	0	0	0	50 yard
16" Barrel	+1.0	+0.5	0	100 yard
20" Barrel	0	0	-0.5	100 yard
.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	1000ft	2000ft	3000ft	0 Distance
16" Barrel	0	0	-0.5	100 yard 0

P L A T I N U M S E R I E S



PRIMARY ARMS®

WARRANTY

Your new scope comes with a five year warranty for any manufacturer defects.
If you have any questions, please do not hesitate to email or call.

Email: info@PrimaryArms.com

713-344-9600

www.primaryarms.com