



ULTRADYNE
AMERICAN INGENUITY

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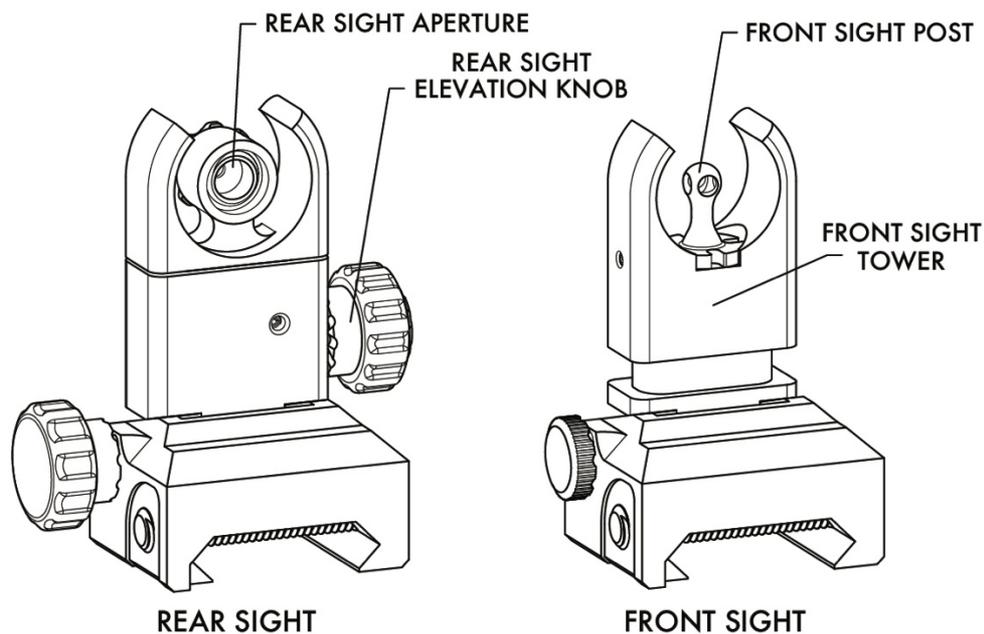
C4 SIGHT SYSTEM INSTRUCTIONS

This sight is an aperture sight. Thanks to the optical characteristics of apertures, it's easy to tell if the front and rear apertures are aligned with the target. If you can see the target clearly without blurring, the sights are aligned with the target. Conversely, if your view of the target through the apertures is not crisp, the sights are not aligned with the target.

Both front and rear sights are compatible with other manufactured sights. However, these instructions are intended for use with the Ultradyné® C4 Sight System which includes both a front and a rear sight and may not be applicable to other combinations.

C4 FRONT/REAR SIGHT INSTALLATION

Install Front and/or Rear Sight on Picatinny rail using a 3/32 Hex tool and tighten to 12-15 inch/lb.



FRONT AND REAR SIGHTS

ZEROING

NOTE: Must be used with an Ultradyne® Muzzle device.

TIP: When mounting a Dynamount® front sight, use a flat surface and rest the rifle upside down on its rail. Then fold front sight to find alignment.

1. Pick a day where wind does not affect the left or right bullet drift.
2. Set Rear Sight elevation knob to "2." Set front and rear sight windage to the center of their adjustment range.

3. To make elevation adjustments on the C4 Front Sight depress the Front Sight Tower to enable rotating the Front Sight Post. Using only the Front Sight elevation and windage adjustments, adjust so impact at (See table):

25 yards	1.4 inches low
50 yards	0.4 inches low
200 yards	Dead On
NOTE: Approx. windage - 1/2 MOA/click	
NOTE: Approx. elevation (front sight post) - 1.2 MOA/1/4 turn	

4. Using the Rear Sight Elevation Knob, verify zero distance for each number setting, 2-6. The Ultradyne® C4 Sight System is designed to follow the bullet path of 5.56, 55 grain ammunition with a muzzle velocity of 3270 and BC of .267 with 21 inch spacing between front and rear sight. With these specifications, the numbers on the elevation handle of the C4 Rear Sight will correspond with the following yardages (See table):

#	2	3	4	5	6
YARDS	200	300	400	500	600

NOTES:

- Impact may be affected if the front handguard experiences movement with normal use.
- Rear Sight Aperture is removable and can be stored in Rear Sight handle.
- Optional .050 Aperture and Sight Adjuster tool are available accessories.
- Optional Front Sight Posts are available, 8 MOA, 10 MOA & 14 MOA.
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