

**VIPER**<sup>®</sup>  
**RED DOT**





The Viper® Red Dot combines speed and simplicity in a tiny, powerful package. The 6 MOA dot diameter gets you on target fast.



Anti-reflective lens coating on lens surface for brighter views



ArmorTek® protects exterior lens from scratches, oil, and dirt.



Windage Adjustment Dial



O-ring sealed for waterproof performance.



Shockproof construction withstands impact.



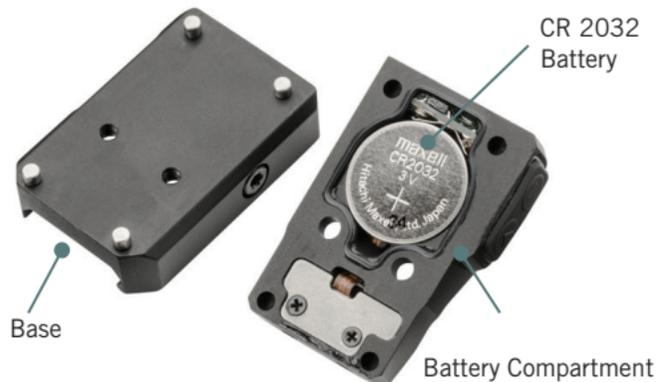
## Protective Cover

Remove cover when using or adjusting Viper red dot. Please note that installing the cover does NOT shut the Viper off.



## Battery

To install, place the battery in the circular slot with numbers facing outward. Attach the body to the base using the two attachment screws.





## Powering Up

To turn the Viper on, press either the up or down arrow. To turn off, press and hold the down arrow for five seconds.

**Power On**  
Press the up or down arrow.

**Power Off**  
Press and hold the down arrow.



## Brightness Adjustments

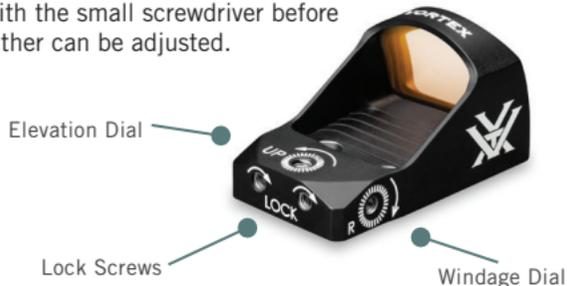
Adjust the illumination intensity using the appropriate arrow button:

- Tap the up arrow to increase brightness.
- Tap the down arrow to decrease brightness.

## Windage and Elevation Adjustment

The Viper features adjustable elevation and windage dials with 1 MOA marks.

Note: The windage and elevations adjustments are protected by two lock screws. Both must be loosened with the small screwdriver before either can be adjusted.



One dial mark yields one MOA of adjustment.  
One MOA = 1.05 inches @100 yards.

To adjust the elevation and windage settings:

1. Loosen both Adjustment Lock Screws  $1\frac{1}{2}$  turns.
2. Adjust dials up or down or left or right as indicated by arrows.
3. Re-tighten both lock screws after making adjustments.



## MOUNTING THE VIPER

The Viper red dot is shipped from the factory with a low rail mount that clamps to both a Weaver or Picatinny rail.

Note: If your firearm is not already equipped with a base rail, it may be purchased from many firearms dealers.

1. Attach the low rail mount to the Viper using the included screws.
2. Attach the Viper to the Picatinny base rail, making sure the recoil lug is solidly seated in the base groove.
3. Check to see that the clamp is fully down and hooked around the outside of the base.
4. Press the Viper down and forward toward the muzzle and, using the supplied hex wrench, firmly tighten down the clamp screw.



## Mounting Options

In addition to the supplied low rail mount, an optional riser mount places the Viper red dot at correct height for AR-15 rifles.



Check [www.vtxoptics.com](http://www.vtxoptics.com) for other mount options.



## SIGHTING IN

After mounting, an initial sight-in of the Viper red dot at 25 yards will be helpful. Final sight-in should be done at the desired distance (typically 25-50 yards).

1. Be sure the windage and elevation lock screws are tight before firing. Fire a three-shot group as precisely as possible at 25 yards.
  - Loosen the Windage and Elevation Adjustment Lock Screws before adjusting.
  - Using the center of the three-shot group as a reference, make the necessary adjustments for windage and elevation correction. Using arrows for reference, adjust dials in the direction you wish the group to move. At 25 yards, each dial mark will yield about  $\frac{1}{4}$  inch of adjustment.
  - Re-tighten the lock screws.

2. Fire a three-shot group at final preferred sight-in distance (25-50 yards).
  - Loosen windage and elevation lock screws before adjusting.
  - Using the center of the three-shot group as a reference, make necessary adjustments for windage and elevation correction. Using arrows for reference, adjust dials in the direction you wish the group to move. At 50 yards, each dial mark will yield about  $\frac{1}{2}$  inch of adjustment.
  - After achieving satisfactory zero, re-tighten lock screws.
3. Fire a final three-shot group to confirm proper adjustment. Repeat as necessary.
  - Confirm that all mounting screws and lock screws are snug and tight.



## MAINTENANCE

### Cleaning

The Viper red dot will require very little routine maintenance other than periodically cleaning the exterior lenses. If desired, the exterior lens may be cleaned by wiping with a soft, dry cloth.

When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses such as our Lens Pen and FogFree Cleaning Kits.

- Be sure to blow away any dust or grit on the lens prior to wiping the surface.
- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

### Troubleshooting

If the red dot does not illuminate, please check the following before returning the red dot for service:

- Is the battery oriented correctly? Be sure the battery is installed with the + side facing upwards.
- Is the battery dead? If so, replace the battery.



## VIP Warranty

We build optics based on our commitment to your absolute satisfaction. That's why our products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your optic becomes damaged or defective, we will repair or replace it at no charge to you. If we cannot repair your optic, we will replace it with an optic in perfect working order and in equal or better physical condition. Call us at 800-426-0048 for prompt, professional, and friendly service.



2120 West Greenview Drive  
Middleton, WI 53562  
service@vortexoptics.com



Visit [www.vortexoptics.com](http://www.vortexoptics.com) for more information.

Note: The VIP Warranty does not cover loss, theft, deliberate damage, or cosmetic damage that does not hinder the performance of the product.

Dual Use: Shooting Tactical / Hunting



Manual #VRD-RD-15A/S