

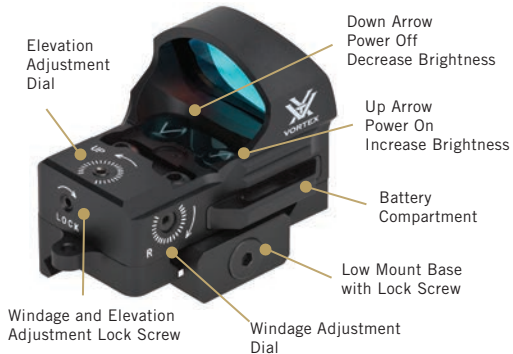
**RAZOR<sup>®</sup>**

**RED DOT**





Rugged, compact and 110% reliable, the Razor® Red Dot is designed from the ground up to enable rapid and accurate short/mid-range shooting under the most stressful and harshest of field conditions.



# CONTROLS

## Protective Cover

Remove cover when using or adjusting Razor Red Dot. Please note that installing the cover does NOT shut the Razor off.



## Battery

To install or replace the battery, gently pry the battery tray out from the body. Install the new battery with the positive (+) side facing upwards. Push the battery tray back in so it is flush with the body.



## Powering Up

To turn the Razor on, press the Up Arrow. To turn off, press and hold the Down Arrow for five seconds.

Down Arrow  
Press and hold  
to power off.



Up Arrow  
Press the arrow  
to power on.

Note: The Razor Red  
Dot automatically shuts  
down in six hours.

## 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 Razor features adjustable elevation and windage dials with 1 MOA clicks.

Note: The adjustments are protected by a lock screw which must be loosened with the hex wrench before any adjustments are made.



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

To adjust the elevation and windage settings:

- Loosen the Adjustment Lock Screw 1 1/2 turns.
- Turn adjustment dials in the appropriate Up/Down or Left/Right direction as indicated by arrows.
- Re-tighten lock screw after making adjustments.

## MOUNTING THE RAZOR

### Included Picatinny Rail Mount

The Razor Red Dot is shipped from the factory with an installed low rail mount that clamps to a Picatinny spec base rail. Note: If your firearm is not already equipped with a Picatinny base rail, this type of base may be purchased from many firearms dealers.

- Attach the Razor to the Picatinny base rail, making sure the recoil lug is solidly seated in the base groove. Adjustment side of Razor should face the shooter.
- Check to see that the clamp is fully down and hooked around the outside of the base.
- Press the Razor down and forward toward the muzzle and, using the supplied hex wrench, firmly tighten down the clamp screw.

### Additional Mounting Options

In addition to the supplied low Picatinny rail mount, other mounting base options are available for the Razor Red Dot at [www.vortexoptics.com](http://www.vortexoptics.com). These include Weaver spec base rail clamps, custom handgun mounts, and AR15 riser mounts.



- Remove the supplied Low Mount Clamp Base before mounting the Razor Red Dot to other bases.
- Use the Mounting Shim (a custom adapter plate) when adapting the Razor to specialized red dot bases from other companies.

## SIGHTING IN

After mounting, an initial sight-in of the Razor Red Dot at short range (10–15 yards) will be helpful. Final sight-in should be done at the desired distance (typically 50–100 yards).

1. Be sure the windage and elevation locks screw is tight before firing. Fire a three-shot group as precisely as possible at short range (10–15 yards).

- Loosen the Windage and Elevation Adjustment Lock Screw 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 10 yards, each click will yield about 1/10 inch of adjustment. At a distance of 10–15 yards, try to center the group about 1.5–2 inch low.
- Re-tighten the lock screw.

2. Fire a three-shot group at final preferred sight-in distance (50–100 yards).

- Loosen windage and elevation lock screw 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 100 yards, each click will yield about 1 inch of adjustment.
  - After achieving satisfactory zero, re-tighten lock screw.
3. Fire a final three-shot group to confirm proper adjustment. Repeat as necessary.
- Confirm that all mounting screws and lock screw are snug and tight.

## MAINTENANCE

### Cleaning

The Razor 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.

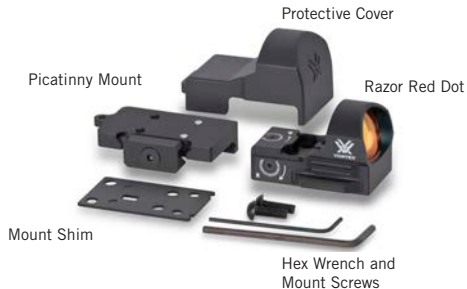
When cleaning the lenses, be sure to use products that are specifically designed for use on coated optical lenses such as the Vortex Lens Pen and FogFree Cleaning Kits.

- 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.



## VORTEX OPTICS WARRANTY

Vortex Optics offers a lifetime limited warranty against manufacturer defects in materials and workmanship for the life of the product. Rest assured, if your Razor Red Dot should ever require repair, all you need do is contact Vortex for service. Call Vortex Optics at 800-426-0048 or e-mail [service@vortexoptics.com](mailto:service@vortexoptics.com).



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Visit [vortexoptics.com](http://vortexoptics.com) for more information.  
Canadian customers may visit [vortexcanada.net](http://vortexcanada.net)  
for customer service information.

Dual Use: Shooting Tactical / Hunting



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