Feyachi®

RDS-20 Red Dot Sight

Mounting & Operation Instruction

Operating Instructions

For optimum performance and to prevent damage to this precision instrument, carefully follow all instructions.

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Package Contents

RDS-20 Red Dot Sight
3V Lithium battery (CR 2032)
Allen wrench
Cleaning Cloth
Operating Instructions
Adjustable Riser mount

Features

Scratch resistant aspheric lens for brightness, and resolution
Unlimited eye relief
1x20mm Objective Lens
11 Brightness Intensity
Adjustable Riser mount(.75 inch, .83 inch, and 1 inch)
4 MOA Red Dot
Extremely durable, ultra light aluminum housing
Integrated mount'for standard 20mm Picatinny or Weaver rails

Specification

Power	1.0x
Reticle	4 MOA Red Dot
Sight Window	20mm
Field of View	10.7m@100m
Lens Coating	Multi-coated
Length	72mm/2.83"
Windage/Elevation Click Value	1 MOA per click
Adj Range	+/- 30 MOA
Weight	118g / 4.2oz
Power Supply	3V CR2032 Lithium battery
Dimensions	2.83"x1.57"x1.97" (LxWxH)
Eye Relief	Unlimited
Body Material	6061 Aluminum
Finish	Matte black anodized

RDS-20 Diagram



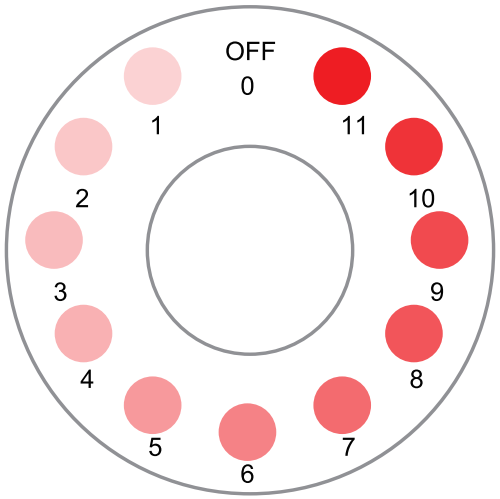
Installing the Battery

1. Remove Battery Cap by turning it counter clockwise.
2. Insert a battery (type CR2032) with positive (+) end toward Cap.
3. Install Battery Cap by turning clockwise until snug. Hand tighten only, using a coin or similar item. Using tools could damage the equipment.
4. Verify that red dot is present by turning the illumination Control Switch clockwise.



Note: (not necessary when the sight is new) Before installing the Battery Cap, inspect that the O-ring is present and not damaged. Failure to do so could result in water leakage into the battery compartment.

Illumination Operation





The RDS-20 Red Dot Sight is equipped with 11 illumination intensities.To activate the RDS-20, turn the illumination adjustment to the right intensity. 1-8 intensity is mostly for night use. 9-11 intensity is for daylight use.

To power the RDS-20 off, just turn to 0 intensity.

Mounting the Sight

The red dot riser mount offers three height options (.75 inch, .83 inch, and 1 inch). It can be adjusted incrementally via two locking screws from 0.75 of rise up to 1 inches of rise, measured from rail surface to rail surface.



The low profile mount



The .75" riser mount



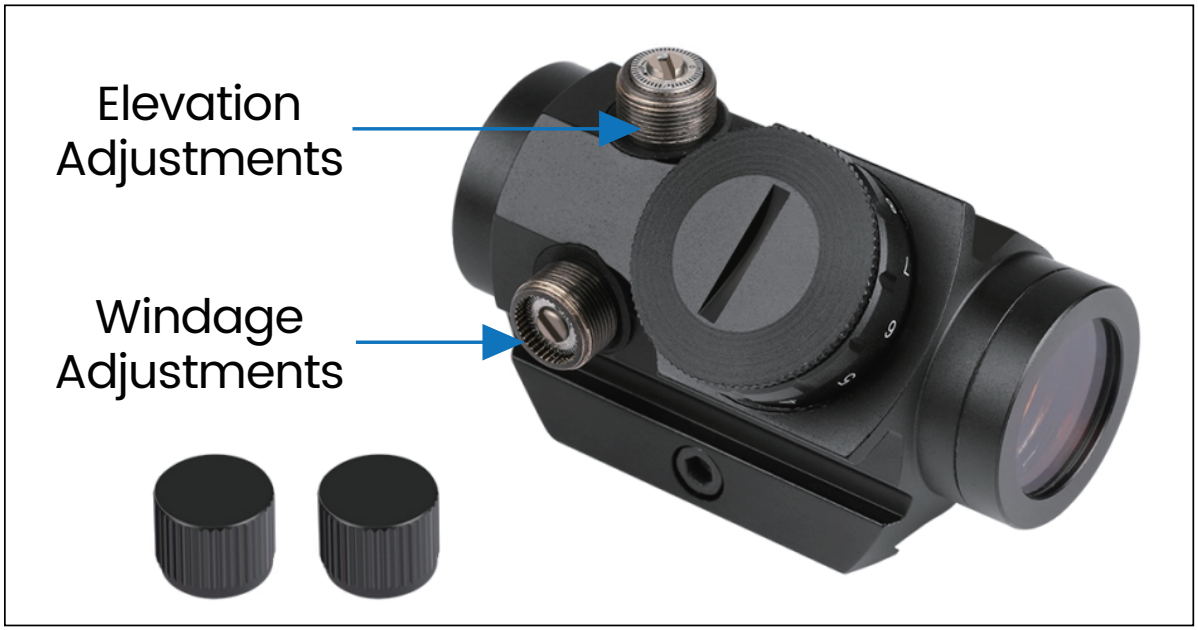
The .83" riser mount



The 1" riser mount

Operating Procedure

Windage and elevation adjustments are located on the rear top and rear right side of the sight. They each come with caps that when removed can be used to adjust the point of aim of your sight.



Elevation Adjustment		
POI Up	↑	↻
POI Down	↓	↻

Windage Adjustment		
POI Right	→	↻
POI Left	←	↻

Elevation Adjustments - the elevation adjustment is on the top of your sight. To raise the point of impact turn the adjustment CCW with a flathead screwdriver. Each click is equal to 1 MOA. To lower the point of impact turn the adjustment CW.

Windage Adjustments - the windage adjustment is on the right side of your sight. To shift the point of impact to the right turn the adjustment CCW with a flathead screwdriver. Each click is equal to 1 MOA. To shift the point of impact to the left turn the adjustment CW.

Notice: Both the E/W adjustment mechanism has not limit stops at both ends. The Adj Range of the E/W are +/-30 MOA, so the dot (reticle) moves only in this available range. If the dot (reticle) stops moving in the process of E/W adjusting, that means it reaches the range limit so the dot (reticle) only moves after correction.

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