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## Vector Optics RDSL15 Z1 1x23x34

# Vector Optics Victoptics RDSL15 Z1 1x23x34 Red Dot Sight Instruction Manual

Model: RDSL15 Z1 1x23x34

## 1. INTRODUCTION

Thank you for choosing the Vector Optics Victoptics RDSL15 Z1 1x23x34 Red Dot Sight. This reflex sight is designed for various applications including sport shooting, airsoft, and hunting. It features multiple reticle options, adjustable brightness, and robust construction for reliable performance.



*Image 1: Overview of the Victoptics RDSL15 Z1 Red Dot Sight. This image shows the compact design and main components of the red dot sight, including the objective lens, adjustment turrets, and mounting base.*

## 2. SAFETY INFORMATION

- Always ensure your firearm is unloaded and safe before installing or adjusting the sight.
- Never look directly at the sun through the sight, as this can cause permanent eye damage.
- Handle the sight with care to prevent damage to optical components.
- Keep batteries out of reach of children.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Victoptics RDSL15 Z1 Red Dot Sight
- Weaver/Picatinny Mount (21 mm)
- Protective Lens Cap
- Cleaning Cloth
- Adjustment Tools
- CR2032 Battery
- Instruction Manual



Image 2: Included items with the Victoptics RDSL15 Z1 Red Dot Sight. This image displays the red dot sight along with the necessary tools and cleaning cloth.

## 4. PRODUCT OVERVIEW AND FEATURES

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The RDSL15 Z1 is a robust and versatile red dot sight designed for quick target acquisition. Key features include:

- **Magnification:** 1x (Non-magnifying)
- **Objective Lens Size:** 23x34 mm
- **Reticles:** Four distinct reticle patterns (Dot, Circle Dot, Crosshair, Crosshair Dot)
- **Illumination:** Red and Green dot illumination with 5 brightness levels for each color.
- **Adjustments:** Windage and elevation adjustable up to 40 MOA, with 1 MOA per click.
- **Durability:** Shock, rain, and fog resistant construction.
- **Material:** Constructed from aluminum, plastic, and glass components.
- **Weight:** Approximately 115 grams.



Image 3: Dimensions and durability features. This image highlights the compact size (80mm length, 38mm width, 48mm height) and indicates its lightweight (115g) and resistance to shock, rain, and fog.

## 5. SETUP AND INSTALLATION

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### 5.1 Battery Installation

1. Locate the battery compartment cap, usually on the side or top of the sight.
2. Unscrew the cap counter-clockwise.
3. Insert one CR2032 battery with the positive (+) side facing upwards.
4. Replace the cap and tighten it securely to ensure water resistance.

### 5.2 Mounting the Sight

The RDSL15 Z1 comes with an integrated mount for Weaver/Picatinny rails (21 mm).

1. Loosen the mounting screws on the base of the sight.
2. Align the sight's base with the Weaver/Picatinny rail on your firearm.
3. Slide the sight onto the rail to your desired position.
4. Tighten the mounting screws firmly using the provided tools. Ensure the sight is secure and does not wobble.

## 6. OPERATION

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### 6.1 Power On/Off and Brightness Adjustment

The sight features a rotary switch for power and brightness control.

- Rotate the dial to turn the sight ON.
- The dial has settings for 'R' (Red) and 'G' (Green) illumination, each with 5 brightness levels (1-5).
- Select 'R' for red reticle or 'G' for green reticle.
- Rotate the dial further to increase the brightness level (1 being the dimmest, 5 being the brightest).

- To turn the sight OFF, rotate the dial to the '0' position.

## 6.2 Reticle Selection

The RDSL15 Z1 offers four different reticle patterns. A selector switch, typically located near the objective lens, allows you to cycle through these patterns.

- Locate the reticle selector switch.
- Move the switch to cycle through the available reticle patterns (Dot, Circle Dot, Crosshair, Crosshair Dot).
- Choose the pattern best suited for your shooting conditions and preference.



Image 4: Available reticle patterns and brightness settings. This image illustrates the four distinct reticle designs and indicates the 5 brightness levels for both red and green illumination.

## 6.3 Windage and Elevation Adjustment

The sight features windage (horizontal) and elevation (vertical) adjustment turrets to zero the sight to your firearm.

1. Remove the protective caps from the windage and elevation adjustment turrets.
2. Use a flathead screwdriver or the provided adjustment tool to turn the turrets.
3. **Elevation Adjustment:** The top turret adjusts the vertical point of impact. Turning it clockwise typically moves the point of impact down, and counter-clockwise moves it up.
4. **Windage Adjustment:** The side turret adjusts the horizontal point of impact. Turning it clockwise typically moves the point of impact right, and counter-clockwise moves it left.
5. Each click of the turret corresponds to 1 MOA (Minute of Angle) adjustment.
6. Perform adjustments carefully while zeroing your sight at a shooting range.
7. Once zeroed, replace the protective caps.

## 7. MAINTENANCE

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- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lenses. For stubborn marks, use a small amount of lens cleaning solution. Avoid abrasive materials.
- **Cleaning Body:** Wipe the body of the sight with a damp cloth. Do not use harsh chemicals or solvents.
- **Battery Replacement:** Replace the CR2032 battery when the reticle illumination becomes dim or inconsistent.
- **Storage:** Store the sight in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the protective lens caps are on during storage.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Reticle does not illuminate.	Battery is dead or incorrectly installed.	Check battery orientation. Replace with a new CR2032 battery.
Reticle is dim or flickers.	Low battery power.	Replace the CR2032 battery.
Sight loses zero.	Mounting screws are loose.	Ensure mounting screws are securely tightened. Re-zero the sight.

Problem	Possible Cause	Solution
Blurred reticle.	Lenses are dirty.	Clean the lenses with the provided cleaning cloth.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	RDSL15 Z1 1x23x34
Magnification	1x
Objective Lens Size	23x34 mm
Overall Length	80 mm
Width	38 mm
Height	48 mm
Weight (Net)	115 g
Reticle Type	4 different patterns
Reticle Color	Red and Green
Brightness Levels	5 levels per color
Elevation Adjustment Range	40 MOA
Windage Adjustment Range	40 MOA
Adjustment Click Value	1 MOA per click
Battery Type	CR2032
Mounting	Weaver/Picatinny (21 mm)
Resistance	Shock, Rain, Fog resistant
Compatible Devices	Crossbow, Rifle, Shotgun

## 10. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries, please contact Vector Optics customer support. Refer to your purchase documentation for specific contact details or visit the official Vector Optics website.



*Image 5: The RDSL15 Z1 Red Dot Sight is suitable for sport and airsoft shooters. This image depicts a target and ammunition, illustrating the sight's application in shooting sports.*



