Vector Optics SCRD-40

Vector Optics Frenzy 1x20x28 6 MOA Red Dot Sight User Manual

Model: SCRD-40

Introduction

This manual provides detailed instructions for the proper use, installation, and maintenance of your Vector Optics Frenzy 1x20x28 6 MOA Red Dot Sight. Designed for precision and durability, this sight offers an extra-large window, auto shut-down feature, and is suitable for various firearms including pistols, shotguns, and rifles. Please read this manual thoroughly before operating the device to ensure optimal performance and safety.

Safety Information

- Always handle firearms safely and in accordance with all local and national laws and regulations.
- Ensure the firearm is unloaded and safe before installing, adjusting, or performing maintenance on the sight.
- Do not look directly into the sun or any intense light source through the sight, as this may cause permanent eye damage.
- Keep the sight and its components out of reach of children.
- Use appropriate eye protection during installation, zeroing, and use of the sight.

Package Contents

Your Vector Optics Frenzy Red Dot Sight package should contain the following items:

- Vector Optics Frenzy 1x20x28 6 MOA Red Dot Sight
- Picatinny Mount
- Lens Cleaning Cloth
- User Manual
- Hex Keys
- VIP Warranty Card



Image: The Vector Optics Frenzy Red Dot Sight, along with its included accessories, neatly packaged within its box.

Product Overview

The Vector Optics Frenzy Red Dot Sight is engineered for rapid target acquisition and reliable performance across various shooting conditions. Key features include:

- **1x20x28 6MOA Red Dot Sight:** Features a 20x28mm (0.8x1.1”) window for a wider field of view. The 6-MOA dot is projected through waterproof, fog-proof, and shockproof optics. Footprint of Vector Optics TEK.
- **Auto Shut-off & 50,000 Hours Runtime:** It will auto shut-off in 4 hours. It offers up to 50,000 hours of battery life, perfect for extended use on hunting trips, ensuring long-lasting performance for extended use.
- **Multi-Coated Lens:** Made with optical glass and multi-layer coatings to maximize light transmission and reduce glare. Provides superior water resistance for long-term durability.
- **Wide Compatibility & Easy installation:** Comes with a Weaver Mount and is compatible with a variety of rifles and semi-automatic pistols. With 8 brightness levels and 2 NV settings, it’s ideal for close-quarter engagements.
- **Water & Shock Resistant:** Can withstand high-pressure water jets from any direction without being damaged. Designed to endure the recoil of real firearms, including 9mm, 45ACP, 12GA, and Lapua Magnum 338.

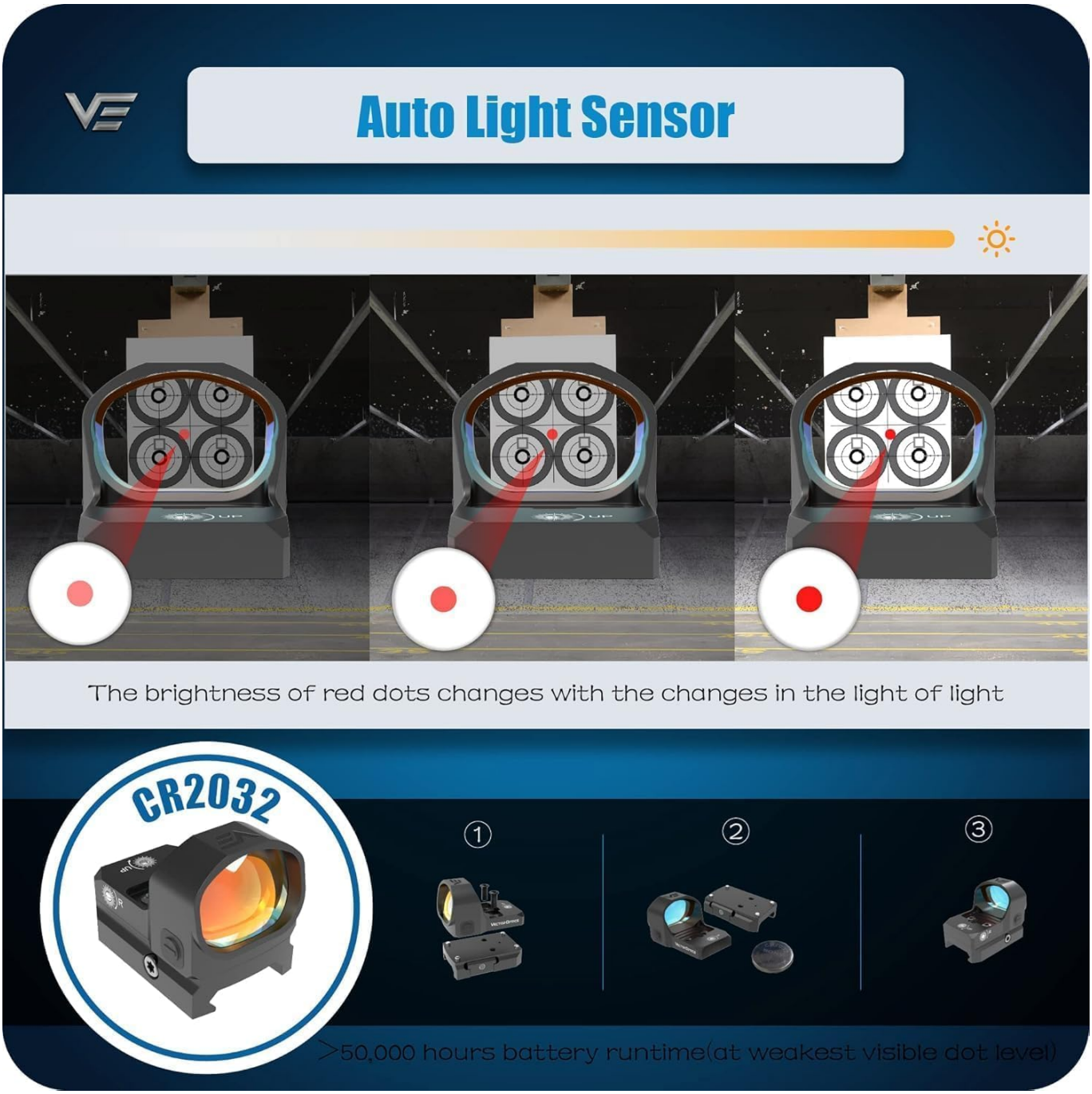


Image: Front view of the Vector Optics Frenzy Red Dot Sight, highlighting its large objective lens.

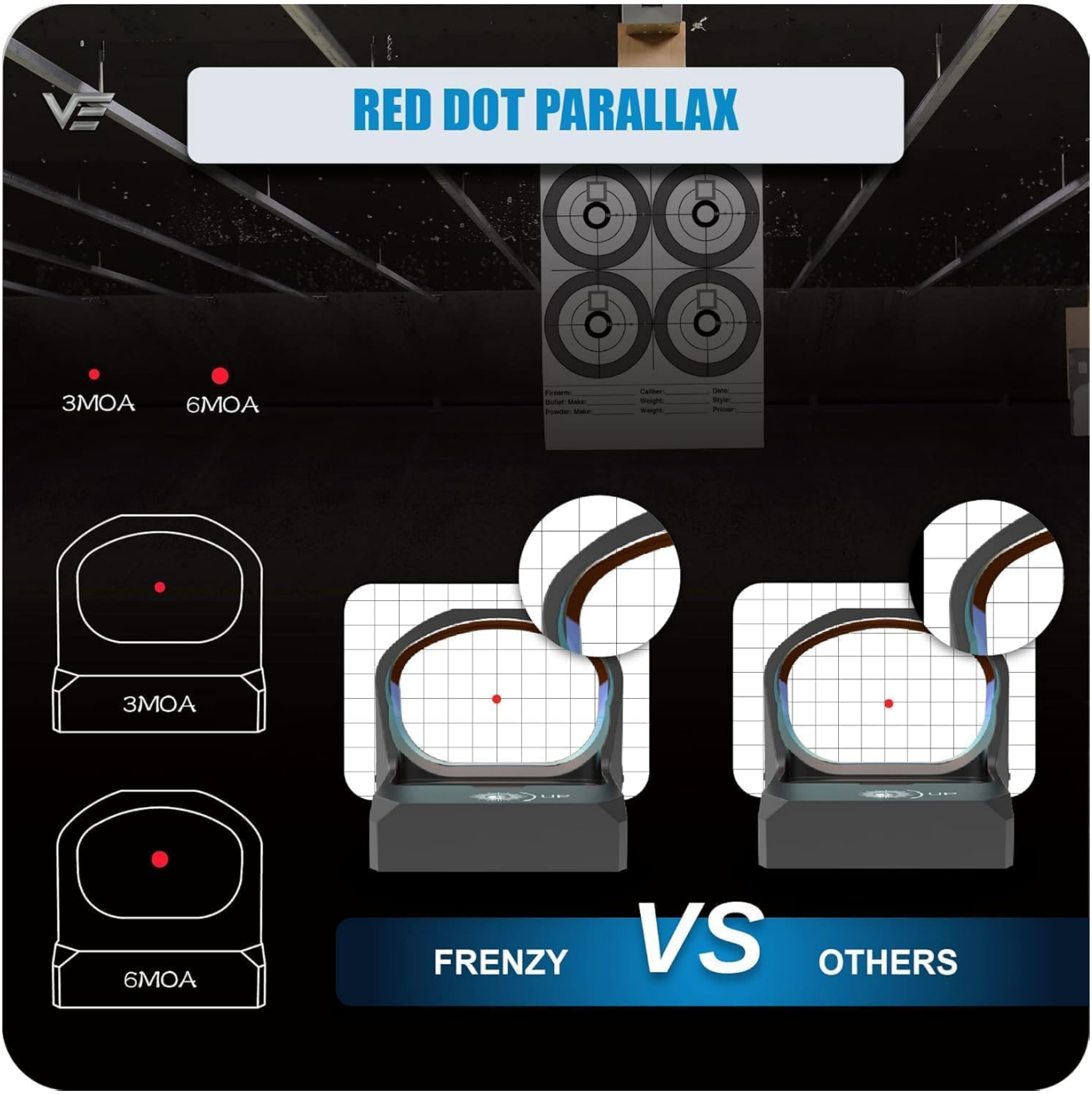


Image: Side view of the Vector Optics Frenzy Red Dot Sight, illustrating the windage and elevation adjustment screws.



Image: Rear view of the Vector Optics Frenzy Red Dot Sight, showing the eyepiece and compact design.



Image: The red dot sight with water droplets, demonstrating its IPX6 water resistance rating.



Image: A diagram illustrating the auto light sensor feature, which adjusts dot brightness based on ambient light conditions.

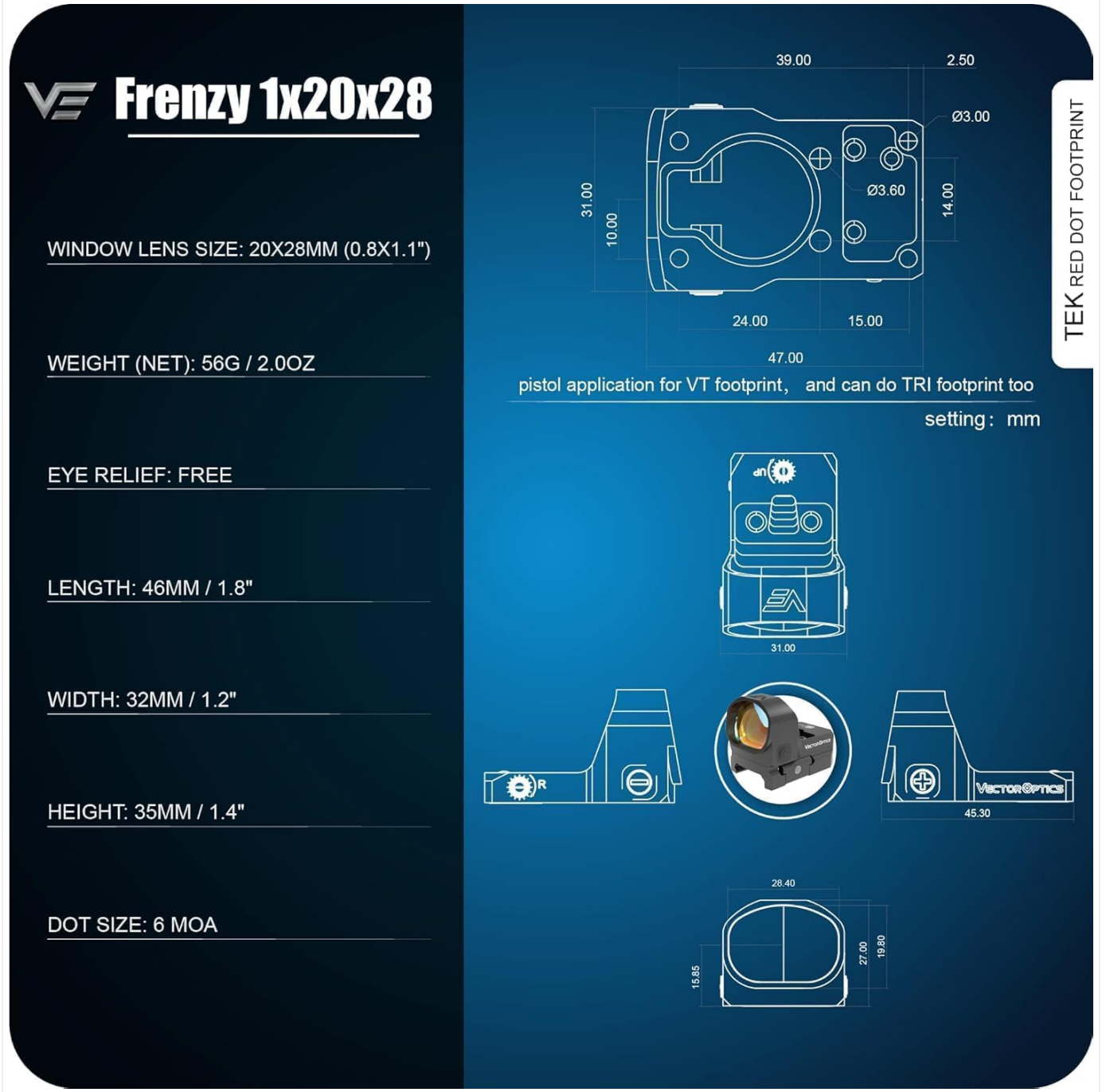


Image: A visual comparison demonstrating the parallax characteristics of 3 MOA versus 6 MOA red dots.

Setup

Mounting the Sight

The Vector Optics Frenzy Red Dot Sight comes with a Weaver Mount. Ensure your firearm has a compatible Weaver or Picatinny rail. Follow these steps:

1. Loosen the mounting screws on the Weaver Mount.
2. Align the mount with the rail slots on your firearm.
3. Slide the sight onto the rail until it is in the desired position.
4. Tighten the mounting screws firmly using the provided hex keys. Do not overtighten.

Battery Installation

The sight uses a CR2032 battery. To install or replace the battery:

1. Locate the battery compartment, typically on the side or top of the sight.
2. Unscrew the battery cap or open the battery tray.
3. Insert a new CR2032 battery with the positive (+) side facing up (or as indicated by the compartment markings).
4. Securely close the battery compartment.

Initial Power On

To power on the sight, press and hold the designated power button or the '+' brightness adjustment button for a few seconds until the red dot appears.

Operating the Sight

Brightness Adjustment

The sight offers 8 brightness levels and 2 night vision (NV) settings. Use the '+' and '-' buttons (or similar controls) on the sight to cycle through these settings to match ambient light conditions.

Zeroing (Windage and Elevation Adjustment)

To zero your red dot sight, you will need to adjust the windage and elevation. These adjustments move the point of impact of your firearm to align with the red dot at a specific distance.

1. Identify the windage (horizontal) and elevation (vertical) adjustment screws on the sight. These are usually marked 'R' for right/windage and 'UP' for up/elevation.
2. Using the provided hex key, turn the adjustment screws. Each click typically corresponds to a specific change in point of impact (e.g., 1 MOA per click).
3. Fire a group of shots at your target.
4. Observe where your shots are impacting relative to your aim point.
5. Adjust the windage and elevation screws to move the point of impact towards the center of your target. For example, if shots are hitting low and left, adjust 'UP' and 'R'.
6. Repeat steps 3-5 until your shots consistently hit where the red dot is aimed at your desired zeroing distance.

Auto Shut-off Feature

The sight is equipped with an automatic shut-off feature that activates after 4 hours of inactivity. This helps conserve battery life. To reactivate the sight, simply press any button.

Maintenance

Cleaning

To maintain the clarity and performance of your sight:

- Use the provided lens cleaning cloth to gently wipe the lenses. Avoid using harsh chemicals or abrasive materials.
- For stubborn dirt or smudges, apply a small amount of lens cleaning solution specifically designed for optics onto the cloth, then gently wipe the lenses.
- Clean the exterior of the sight with a soft, damp cloth.

Storage

When not in use, store your red dot sight in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, it is recommended to remove the battery to prevent potential leakage and damage to the electronics.

Troubleshooting

If you encounter issues with your Vector Optics Frenzy Red Dot Sight, please refer to the following common troubleshooting tips:

- **Dot Not Visible or Dim:** Check the battery. Ensure it is a fresh CR2032 battery and correctly installed with the positive (+) side facing up. Adjust the brightness settings using the '+' button.
- **Dot Flickering or Intermittent:** Ensure the battery cap is securely tightened. Check that the sight is firmly mounted to the firearm's rail and all mounting screws are tightened.
- **Cannot Hold Zero:** Verify that the sight is securely mounted to the firearm and there is no movement. Check for any loose components on the firearm itself. If the issue persists after confirming secure mounting, contact customer support.
- **Dot Appears Distorted (Star-burst, Smear):** This can sometimes be an optical illusion caused by astigmatism in the viewer's eye, not a defect in the sight. Try viewing the dot through a small pinhole or through a camera lens to see if the distortion disappears.

Specifications

Feature	Specification
Brand	Vector Optics
Color	Matte Black
Product Dimensions	1.8"L x 1.2"W x 1.4"H
Sport	Tactical
Item Weight	2 ounces
Material	Glass, Aluminum
Objective Lens Diameter	28 Millimeters
Magnification Minimum	1 x
Compatible Devices	Handgun, Shotgun, Rifle
Mounting Type	Weaver Mount
Night Vision	Yes
Reticle Type	6 MOA Dot
Size	6MOA 1x20x28
Included Components	Red dot reflex sight, Picatinny mount, clean cloth, user manual, hex keys

Warranty and Support

Warranty Information

The Vector Optics Frenzy Red Dot Sight comes with a**lifetime warranty**. Please refer to the VIP Warranty card included

in your package for full details regarding coverage, terms, and registration procedures.

Customer Support

For further assistance, technical support, or warranty claims, please visit the official Vector Optics store or contact their customer service directly. You can find more information and contact details at: Vector Optics Store

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question