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Visionking VS10-40x56

Visionking 10-40x56 Rifle Scope Instruction Manual

Model: VS10-40x56

Introduction

Thank you for choosing the Visionking 10-40x56 Rifle Scope. This precision optical instrument is designed for hunting and target shooting, offering a magnification range of 10x to 40x and a large 56mm objective lens for bright, clear images. It features a 35mm main tube, red and green illuminated crosshairs, and robust construction for reliable performance in various conditions. This manual provides essential information for proper setup, operation, and maintenance of your rifle scope.



Image: The Visionking 10-40x56 Rifle Scope alongside its product packaging.

Product Features

- **High-Quality Materials:** Constructed from aircraft-grade 6061-Aluminum-Alloy, ensuring a lightweight yet sturdy design that resists strong shock and corrosion. The matt-black finish maintains a fresh appearance.
- **Enhanced Eyepiece:** Features multiple anti-reflective coatings on all air-to-glass surfaces, providing a clear and wide-angle view. Includes spring-loaded flip-up lens covers for protection against scratches and contamination.
- **Accurate Illumination:** Equipped with a Parallax Adjustment and Diopter dial for precise target focus, parallax elimination, and quick range estimation. The inline dial controls reticle illumination with multiple brightness settings, improving visibility in low-light conditions.
- **Waterproof Design:** The scope body is nitrogen-filled and purged, then completely sealed with O-rings, making it waterproof. This design ensures reliable operation in severe weather conditions, such as storms.

Setup

1. Mounting the Scope

Securely attach the rifle scope to your firearm using appropriate 35mm scope rings. Ensure the rings are compatible with your rifle's mounting system and are tightened according to the manufacturer's specifications. Improper mounting can lead to zero shift and inaccurate shooting.



Image: Side view of the Visionking 10-40x56 Rifle Scope with lens caps open, showing its overall structure.

2. Battery Installation

The illuminated reticle requires one CR2032 battery. Locate the battery compartment, typically on the illumination control dial. Unscrew the cap, insert the CR2032 battery with the positive (+) side facing outwards, and securely replace the cap.

3. Bore Sighting

Before live firing, it is highly recommended to bore sight your rifle scope. This initial alignment helps to get your shots on target quickly and minimizes ammunition waste. Consult a qualified gunsmith or refer to specific bore sighting instructions for your firearm model.

Operating Instructions

1. Magnification Adjustment

Rotate the magnification ring, located near the eyepiece, to adjust the power from 10x to 40x. Turn clockwise to increase magnification and counter-clockwise to decrease it. Adjust to your desired level for target acquisition and precision.

2. Diopter Adjustment

The diopter adjustment ring, located on the eyepiece, allows you to fine-tune the reticle focus to your individual eyesight. Look through the scope at a blank wall or the sky, and rotate the diopter ring until the reticle appears sharp and clear. This adjustment is personal and should be set before focusing on a target.

3. Parallax Adjustment

The parallax adjustment dial, typically on the side of the scope, allows you to eliminate parallax error at various distances. Rotate the dial until the target and reticle appear to be in the same focal plane, meaning the reticle does not appear to move relative to the target when you shift your eye position slightly. This also aids in sharper target focus and range estimation.

4. Reticle Illumination Control

The illumination control dial, often integrated with the parallax dial, activates and adjusts the brightness of the red or green illuminated crosshairs. Rotate the dial to select the desired color and brightness level. This feature enhances reticle visibility in low-light conditions.

5. Windage and Elevation Adjustment

The windage (horizontal) and elevation (vertical) turrets are used to adjust the point of impact. These turrets feature positive clicks for precise adjustments. Typically, 'UP' and 'R' (Right) markings indicate the direction of impact shift. After making adjustments, ensure the turret caps are securely replaced to protect the mechanisms.



Image: Detailed view of the windage, elevation, and parallax adjustment turrets on the Visionking 10-40x56 Rifle Scope.



Image: The illuminated crosshair reticle of the Visionking 10-40x56 Rifle Scope, showing measurement markings.

Maintenance

1. Cleaning the Lenses

Use a soft, lint-free cloth or a lens brush to gently remove dust and loose debris from the lenses. For smudges or fingerprints, use a specialized lens cleaning solution and a clean microfiber cloth. Avoid using harsh chemicals or abrasive materials that could damage the lens coatings.

2. Cleaning the Scope Body

Wipe the exterior of the scope with a soft, damp cloth to remove dirt or grime. Ensure all caps and covers are in place before cleaning. Avoid submerging the scope in water, despite its waterproof rating, to prevent potential damage to external components.

3. Storage

Store the rifle scope in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided lens covers to protect the objective and eyepiece lenses. If storing for an extended period, consider removing the battery to prevent leakage.

Troubleshooting

- **Inability to Zero/Run out of Adjustments:** Ensure the scope is mounted correctly and securely with appropriate 35mm rings. Verify that your rifle's base (e.g., MOA base) is suitable for the scope and intended shooting distances. If issues persist, consult a gunsmith.
- **Unclear Image/Reticle:** First, adjust the diopter for your eyesight. Then, use the parallax adjustment to bring the target and reticle into sharp focus at the specific distance. Ensure lenses are clean.
- **Illumination Not Working:** Check if the CR2032 battery is correctly installed with the positive (+) side facing out. Replace the battery if it is depleted. Ensure the illumination dial is turned to an 'ON' setting.
- **Lens Covers Falling Off:** Ensure the flip-up lens covers are properly seated and snapped into place. If they become loose

over time, they may need replacement.

Specifications

Model Number	VS10-40x56
Magnification	10x - 40x
Objective Lens Diameter	56 mm
Tube Diameter	35 mm
Material	6061-Aluminum-Alloy
Weight	1.42 kg
Color	Glossy Black
Power Source	1 x CR2032 Battery (not included)
Parcel Dimensions	50 x 12 x 9.5 cm

Warranty and Support

Visionking offers a **35-Day Money Back Satisfaction Guarantee** and a **15 Month Warranty** for this product. For any questions, technical assistance, or warranty claims, please contact Visionking customer support. Refer to your purchase documentation for specific contact details or visit the official Visionking website.

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Answered questions about this manual

Please provide a detailed description of the reticle for the Visionking VS10-40x56 rifle scope.

The Visionking VS10-40x56 rifle scope features a precision-engineered reticle designed for long-range hunting and target shooting. Below are the specific details regarding its design and functionality: Type: It utilizes an illuminated crosshair reticle with...

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