Visionking VS30-90X100

Visionking 30-90x100 HD Spotting Scope Instruction Manual

Introduction

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Visionking 30-90x100 HD Spotting Scope. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Safety Information

- Never look directly at the sun through the spotting scope, as this can cause permanent eye damage.
- Keep the spotting scope away from extreme temperatures and direct sunlight for prolonged periods.
- Store the scope in a dry, dust-free environment when not in use.
- Handle the optical components with care to avoid scratches or damage.

Package Contents

Verify that all items are present in your package:

- Visionking 30-90x100 HD Spotting Scope
- Tripod
- Carrying Bag
- Eyepiece Lens Cap
- Eyepiece Port Cover
- Instruction Manual

Product Overview

The Visionking 30-90x100 HD Spotting Scope is designed for clear, magnified viewing across various distances. It features a robust construction and advanced optical components.



The Visionking 30-90x100 HD Spotting Scope mounted on its compact tripod, showcasing its green finish and overall design.



An image illustrating the approximate length (48cm) and objective lens diameter (13cm) of the Visionking 30-90x100 HD Spotting Scope.

Key Features:

- **30-90x Zoom Eyepiece:** Allows for variable magnification.
- **100mm Objective Lens:** Provides a wide field of view and excellent light gathering capabilities.
- **RainGuard HD Coating:** Water-repellent lens coating protects against oil, scratches, and dirt.
- **2-Speed Dual Focus Controls:** For precise focusing.
- **BAK-4 Prisms:** Maximizes light transmission for brighter, clearer, and crisper images.
- **O-ring Sealed, Nitrogen Filled:** Ensures waterproof and fog-proof performance.
- **Durable Framework and Rubber Armor:** Provides non-slip grip, shock protection, and lasting external protection.

Setup

1. **Attach the Tripod:** Extend the legs of the included tripod and secure it on a stable, level surface.
2. **Mount the Spotting Scope:** Align the mounting plate on the scope with the tripod's screw. Securely fasten the scope to the tripod.
3. **Adjust Eyepiece:** Remove the eyepiece lens cap and port cover. Adjust the eyepiece for comfortable viewing.
4. **Smartphone Adapter (Optional):** If using a smartphone adapter for digiscoping, attach it to the eyepiece as shown in the demonstration video. Ensure your phone's camera aligns with the eyepiece for a clear view.

Your browser does not support the video tag.

This video demonstrates the setup of the Visionking 30-90x100 HD Spotting Scope, including attaching a smartphone adapter to the eyepiece for digiscoping, and adjusting the focus to view distant objects through a connected phone.

Operation

1. **Adjust Magnification:** Rotate the zoom ring on the eyepiece to select your desired magnification between 30x and 90x.
2. **Focusing:**
    - Use the coarse focus knob for initial, rapid adjustments to bring the image into approximate focus.
    - Use the fine focus knob for precise, sharp focusing.



A detailed view of the spotting scope's eyepiece, showing the zoom adjustment and the fine focus knob.

3. **Diopter Adjustment:** If your scope has a diopter adjustment on the eyepiece, rotate it until the reticle (if present) or the image appears sharp for your individual eyesight.
4. **Environmental Use:** The O-ring sealed, nitrogen-filled design makes the scope waterproof and fog-proof, suitable for various weather conditions.



A graphic illustrating various uses for the spotting scope, including target shooting, archery, hunting, bird watching, wildlife watching, hiking, camping, scenery, and astronomical observation.



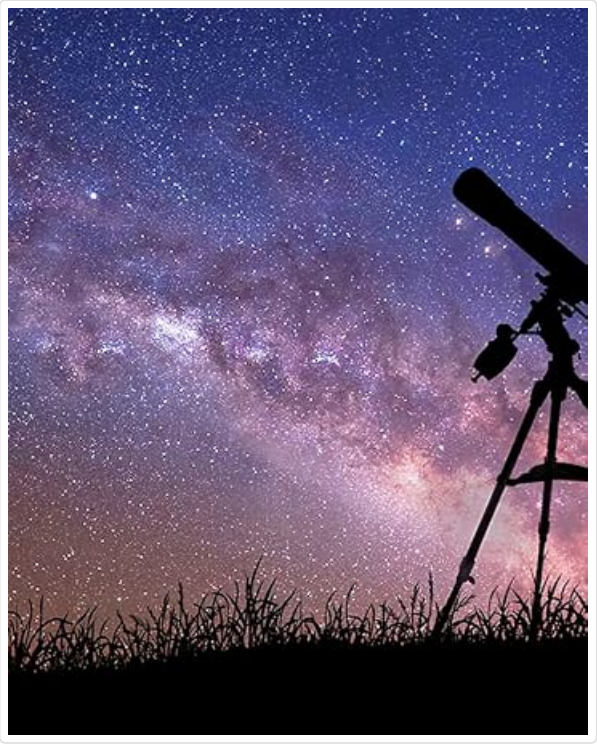
An illustration demonstrating the concept of fully multi-coated (FMC) lenses, highlighting their ability to maximize light transmission for brighter and clearer images compared to standard coatings.



A visual representation of the BAK4 prism system, emphasizing its role in providing bright light transmission and clear imaging within the spotting scope.



The Visionking spotting scope is shown with text highlighting its nitrogen-filled, O-ring sealed, waterproof, and fog-proof design, ensuring durability in various environmental conditions.



A close-up of the objective lens area, featuring the anti-reflection cover and a light reduction pattern designed to minimize glare and improve image quality.

Maintenance

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces. For stubborn smudges, use a small amount of lens cleaning fluid on the cloth, not directly on the lens. The RainGuard HD coating helps repel water and oil, simplifying cleaning.
- **Cleaning Body:** Wipe the body of the scope with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.

- **Storage:** Always replace lens caps when not in use. Store the spotting scope in its carrying bag in a cool, dry place, away from direct sunlight and dust.

Troubleshooting

- **Blurry Image:** Ensure both coarse and fine focus knobs are adjusted correctly. Check the diopter setting if applicable. Verify that the objective and eyepiece lenses are clean.
- **Unstable View:** Ensure the tripod is securely set up on a stable surface. Tighten all tripod and scope mounting screws. Wind can also cause instability; consider using a heavier-duty tripod if frequently observing in windy conditions.
- **Fogging Lenses:** The scope is nitrogen-filled and fog-proof. If internal fogging occurs, contact customer support. External fogging can be wiped away with a soft cloth.

Specifications

Feature	Specification
Brand	Visionking
Model Name	Spotting Scope
Model Number	VS30-90X100
Objective Lens Diameter	100 Millimeters
Zoom Ratio	30-90x
Eye Piece Lens Description	Multi-coated
Coating	Fully multi-coated
Prism Type	BAK-4
Field Of View	29.3 Meters (at 1000m)
Exit Pupil Diameter	1.6 Millimeters
Focus Type	Manual Focus (Dual Speed)
Waterproof/Fog-proof	Yes (O-ring sealed, Nitrogen filled)
Item Weight	2600 Grams
Compatible Devices	Camera (with integrated T-adapter for digiscoping)

Warranty and Support

Visionking has been involved in the optical industry for nearly 20 years. If you have any questions regarding your product or require support, please contact Visionking customer service. Refer to your purchase documentation for specific warranty details.

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.

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