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> Gosky Flagship DiamondEdge 20-60x80 Spotting Scope User Manual

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Model: DiamondEdge 20-60x80

1. INTRODUCTION

Thank you for choosing the Gosky Flagship DiamondEdge 20-60x80 Spotting Scope. This manual provides essential information for the proper setup, operation, and maintenance of your new spotting scope. Please read it thoroughly before use to ensure optimal performance and longevity of your device.



Figure 1: Gosky Flagship DiamondEdge 20-60x80 Spotting Scope

2. PACKAGE CONTENTS

- Gosky Flagship DiamondEdge 20-60x80 Spotting Scope
- Tabletop Tripod
- Carrying Bag
- Shortage Bag
- Lens Covers
- Eyepiece Covers
- Cleaning Cloth
- Quick Phone Holder (Smartphone Adapter)

3. SETUP

3.1 Attaching the Tripod

1. Unfold the legs of the tabletop tripod.

2. Locate the tripod mounting screw on the top of the tripod head.
3. Align the tripod mounting hole on the bottom of the spotting scope with the tripod screw.
4. Carefully screw the scope onto the tripod until it is securely fastened. Do not overtighten.

3.2 Attaching the Smartphone Adapter

1. Ensure the eyepiece cover is removed from the spotting scope.
2. Adjust the eyecup of the spotting scope to its lowest position (fully retracted).
3. Secure your smartphone into the phone holder clamp. Ensure the phone's camera lens is aligned with the adapter's central opening.
4. Carefully slide the adapter's ring over the spotting scope's eyepiece.
5. Tighten the adapter's locking mechanism to secure it firmly to the eyepiece. Ensure the phone's camera is centered over the eyepiece for optimal viewing.



Figure 2: Spotting Scope Components

4. OPERATING INSTRUCTIONS

4.1 Adjusting Magnification (Zoom)

The spotting scope features a variable 20x to 60x magnification. To adjust the zoom:

1. Rotate the zoom ring located on the eyepiece.
2. Turn clockwise to increase magnification (zoom in) and counter-clockwise to decrease magnification (zoom out).



Figure 3: Magnification Levels

4.2 Focusing

The dynamic focusing mechanism allows for precise image clarity:

1. Look through the eyepiece.
2. Rotate the focus knob (typically located on the side of the scope body) until the image appears sharp and clear.

4.3 Eyecup Adjustment

The adjustable eyecup provides comfortable viewing for users with or without eyeglasses:

- For users without eyeglasses: Extend the eyecup by twisting or pulling it up.
- For users with eyeglasses: Retract the eyecup by twisting or pushing it down to allow your eyeglasses to

be closer to the lens.

4.4 Retractable Sun Shade

To reduce glare and protect the objective lens from rain or dust, extend the retractable sun shade located at the front of the objective lens.



Figure 4: Spotting Scope in Use

5. MAINTENANCE

5.1 Cleaning the Lenses

Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lens surfaces. For stubborn smudges, use a lens cleaning solution specifically designed for optics. Avoid using abrasive materials or excessive force, as this can scratch the lens coatings.

5.2 Storage

When not in use, store the spotting scope in its carrying bag in a cool, dry place. Ensure all lens and eyepiece covers are in place to protect against dust and scratches.

5.3 Waterproof and Fog-Proof Features

The Gosky DiamondEdge spotting scope is nitrogen-filled and O-ring sealed, making it waterproof and fog-proof. While designed to withstand various weather conditions, avoid submerging the scope in water or exposing it to extreme temperature changes unnecessarily.



Figure 5: Waterproof Design

6. TROUBLESHOOTING

6.1 Blurry Image

- Ensure the focus knob is properly adjusted for your viewing distance.
- Check that the eyecup is set correctly for your use (with or without glasses).
- Verify that the objective lens and eyepiece are clean and free of smudges or condensation.

6.2 Unstable View

- Ensure the spotting scope is securely mounted to the tripod.
- Place the tripod on a stable, flat surface.
- In windy conditions, consider using a heavier, more stable tripod (not included) for improved stability.

7. SPECIFICATIONS

- **Product Dimensions:** 17.32 x 5.12 x 3.94 inches
- **Item Weight:** 2.41 pounds
- **Item Model Number:** Go20x60-80new
- **Brand:** Gosky
- **Model Name:** Updated 20-60
- **Eyepiece Lens Description:** Prism
- **Objective Lens Diameter:** 80 Millimeters
- **Telescope Mount Description:** Altazimuth Mount
- **Focus Type:** Manual Focus
- **Finderscope:** Reflex
- **Magnification:** 20x to 60x variable zoom
- **Field of View:** 82.9–48ft/1000 yards
- **Prism Type:** BAK4 Porro prism
- **Lens Coating:** Fully multi-coated green film
- **Environmental Protection:** Nitrogen-filled, waterproof, fog-proof



Figure 6: Product Dimensions

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Gosky website. Keep your proof of purchase for any warranty claims.