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› Gosky FalconPro Elite 25-75x85 Spotting Scope User Manual

## Gosky 25-75x85

# Gosky FalconPro Elite 25-75x85 Spotting Scope User Manual

Your guide to setting up, operating, and maintaining your Gosky FalconPro Elite Spotting Scope.

## 1. PRODUCT OVERVIEW

The Gosky FalconPro Elite 25-75x85 Spotting Scope is designed for high-magnification viewing, suitable for target shooting, bird watching, wildlife observation, and astronomical viewing. It features a large objective lens for bright images and a robust, all-weather construction.

# Gosky Professional 25-75x85 Spotting Scope



## Specifications

|                         |                  |                     |                     |
|-------------------------|------------------|---------------------|---------------------|
| Model                   | 25-75x85         | Exit Pupil Diameter | 3.0mm – 1.0mm       |
| Magnification           | 25x – 75x        | Eye Relief          | 9mm – 10.5mm        |
| Product Weight          | 6.8 lbs(approx.) | Field of View       | 89 – 46ft / 1000yds |
| Eyepiece Diameter       | 24mm             | Eyecup              | Twist-up            |
| Objective Lens Diameter | 85mm             | Product Dimension   | 18.89"×8.46"×4.9"   |

**Figure 1.1:** Labeled diagram of the Gosky FalconPro Elite 25-75x85 Spotting Scope, highlighting key components such as the objective lens, eyepiece, focus knobs, and tripod mount foot.

## What's in the Box

- Gosky FalconPro Elite 25-75x85 Spotting Scope
- Heavy-Duty Tabletop Tripod
- Phone Adapter
- Carrying Bag
- Lens Cleaning Cloth
- Lens Caps



Figure 1.2: The Gosky FalconPro Elite Spotting Scope and its included accessories, neatly arranged in their packaging.

## 2. SPECIFICATIONS

| Feature                 | Detail    |
|-------------------------|-----------|
| Model Name              | 25-75x85  |
| Magnification Range     | 25x - 75x |
| Objective Lens Diameter | 85mm      |
| Eyepiece Diameter       | 24mm      |
| Prism Type              | BAK4      |

| Feature              | Detail                         |
|----------------------|--------------------------------|
| Field of View        | 89 - 46ft / 1000yds            |
| Eye Relief           | 9mm - 10.5mm                   |
| Exit Pupil Diameter  | 3.0mm - 1.0mm                  |
| Material             | Plastic (Housing)              |
| Waterproof/Fog-proof | Nitrogen-purged, O-ring sealed |
| Product Weight       | 6.8 lbs (approx.)              |
| Product Dimensions   | 18.89" x 8.46" x 4.9"          |

### 3. SETUP

#### 3.1 Attaching the Tripod

1. Unfold the legs of the included heavy-duty tabletop tripod.
2. Locate the tripod mount foot on the underside of the spotting scope.
3. Align the tripod screw with the threaded hole on the scope's mount foot.
4. Securely tighten the screw to attach the scope to the tripod. Ensure it is stable before use.



**Figure 3.1:** The Gosky FalconPro Elite Spotting Scope securely mounted on its heavy-duty tripod, ready for observation.

The included heavy-duty tripod is designed to provide stability even at the maximum 75x magnification, minimizing shake for clearer viewing.

# Upgraded **Heavy-Duty** Desk Tripod

Stable at 75x · No more shake

## Standard Tripod



Unstable at 50x+

## Heavy-Duty Tripod



Rock-solid at 75x

**Figure 3.2:** Visual comparison demonstrating the enhanced stability of the heavy-duty tripod at 75x magnification compared to a standard tripod.

## 3.2 Attaching the Phone Adapter

1. Attach your smartphone to the phone adapter. Ensure it is securely clamped.
2. Slide the phone adapter over the eyepiece of the spotting scope.
3. Adjust the adapter to align your phone's camera lens with the scope's eyepiece. This may require fine-tuning for optimal viewing and photography.



**Figure 3.3:** The universal phone adapter designed for attaching smartphones to the spotting scope eyepiece for digiscoping.

## 3.3 Setup Video Guide

Your browser does not support the video tag.

**Video 3.1:** An official Gosky video demonstrating the setup and features of the FalconPro Spotting Scope. This video provides a visual

## 4. OPERATION

### 4.1 Adjusting Magnification

The FalconPro Elite offers a variable magnification from 25x to 75x. To adjust the magnification:

- Rotate the **Magnification Zoom Wheel** (located on the eyepiece) to your desired power.
- Start with lower magnification (25x) for a wider field of view to locate your subject, then gradually increase to higher magnification for more detail.



**Figure 4.1:** Illustrates the visual difference between 25x, 50x, and 75x magnification, showing how the scope brings distant objects closer.

### 4.2 Focusing

The scope features a dual-speed focus system for precise adjustments:

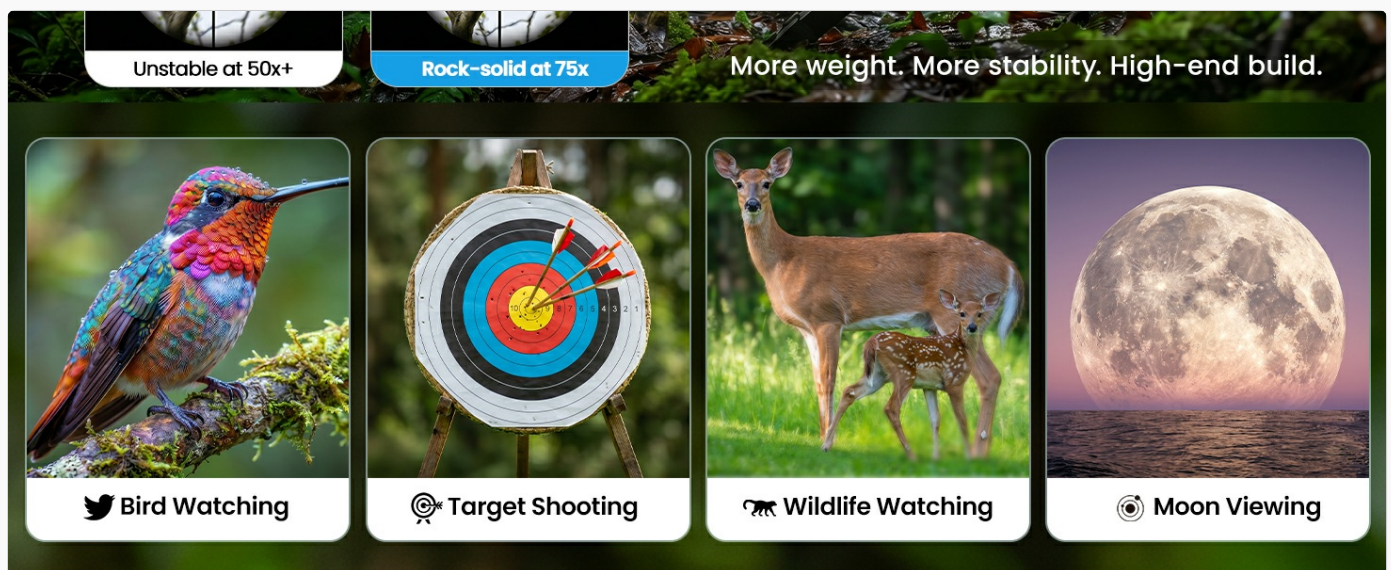
- **Quick Focus Knob:** Use this larger knob for rapid, coarse adjustments to bring the image into general focus.
- **Precision Focus Knob:** Use this smaller knob for fine-tuning the focus, achieving maximum clarity and sharpness.



**Figure 4.2:** A close-up view of the dual focusing system, indicating the quick focus and precision focus knobs for optimal image sharpness.

### 4.3 Eyecup Adjustment

The twist-up eyecup allows for comfortable viewing with or without eyeglasses. Twist the eyecup up or down until you achieve a full field of view without vignetting (darkening around the edges).



**Figure 4.3:** The eyepiece with its twist-up eyecup and magnification zoom wheel, demonstrating adjustable features for user comfort.

### 4.4 Objective Lens Benefits

The 85mm objective lens gathers significantly more light than smaller lenses, providing brighter and clearer images, especially in low-light conditions like dawn or dusk.

# Upgraded 85mm Large Objective Lens

+13% more light than 80mm



Figure 4.4: Visual representation of the 85mm objective lens's superior light-gathering capability compared to an 80mm lens, resulting in brighter images.

## 5. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your spotting scope.

### 5.1 Cleaning the Lenses

- Always use the provided lens cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses.
- Gently brush off any loose dust or debris from the lens surfaces using a soft brush or a blower bulb.
- If necessary, apply a small amount of lens cleaning fluid to the cloth (not directly to the lens) and wipe the lens in a circular motion, starting from the center and moving outwards.
- Avoid touching the lens surfaces with your fingers, as oils can leave smudges.

5.2 General Care and Storage

- When not in use, always replace the lens caps to protect the objective and eyepiece lenses from dust and scratches.
- Store the spotting scope in its carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- The scope is nitrogen-purged and O-ring sealed, making it waterproof and fog-proof. However, avoid prolonged submersion in water.
- Wipe down the exterior of the scope with a damp cloth to remove dirt or grime after outdoor use.



Figure 5.1: The Gosky FalconPro Elite Spotting Scope is built for all-weather use, featuring waterproof, fog-proof, freeze-proof, and dust-proof construction.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                           | Possible Cause                                                | Solution                                                                                                                                                                     |
|---------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image is blurry or out of focus.                  | Incorrect focus adjustment.                                   | Use both the Quick Focus and Precision Focus knobs to achieve sharp focus. Ensure the eyecup is adjusted correctly for your vision.                                          |
| Dark edges (vignetting) in the view.              | Eyecup not properly adjusted or eye not positioned correctly. | Adjust the twist-up eyecup until you see a full, clear field of view. Ensure your eye is centered with the eyepiece.                                                         |
| Image appears dim or dark.                        | Low light conditions, dirty lenses, or lens caps still on.    | Ensure lens caps are removed. Clean lenses if dirty. The 85mm objective lens is designed for good low-light performance, but extreme darkness will limit visibility.         |
| Unstable image, especially at high magnification. | Tripod not stable or not tightened properly.                  | Ensure the scope is securely mounted to the tripod and all tripod adjustments are tightened. Use on a flat, stable surface.                                                  |
| Cannot align phone camera with eyepiece.          | Phone adapter not correctly positioned.                       | Carefully adjust the phone's position within the adapter and the adapter's position on the eyepiece until the camera lens is perfectly centered with the scope's exit pupil. |

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The Gosky FalconPro Elite 25-75x85 Spotting Scope comes with a **2-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Gosky customer support through the retailer where you purchased the product or visit the official Gosky website for contact information.

You can also visit the [Gosky Store on Amazon](#) for additional product information and support resources.

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

**Details**

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Submit question