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K&F CONCEPT KF33.033V1

K&F Concept 20-60x60 Spotting Scope Instruction Manual

Model: KF33.033V1

Introduction

Thank you for choosing the K&F Concept 20-60x60 Spotting Scope. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new spotting scope. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

What's in the Box

Your K&F Concept 20-60x60 Spotting Scope package includes the following items:

- K&F Concept 20-60x60 Spotting Scope
- Adjustable Tripod
- Phone Adapter
- Eyepiece Protective Cover
- Objective Lens Protective Cover
- Cleaning Cloth
- Carrying Bag



Image: K&F Concept 20-60x60 Spotting Scope with included accessories.

Product Components

Familiarize yourself with the main parts of your spotting scope:



Image: Exploded view highlighting key components of the spotting scope.

1. **Eyepiece:** For viewing, features 45° angled design for comfortable observation.
2. **Magnification Focus Ring:** Adjusts the zoom from 20x to 60x.
3. **Focus Wheel:** Fine-tunes the image clarity.
4. **Objective Lens:** The large front lens (60mm diameter) that gathers light.
5. **Retractable Sun Hood:** Reduces glare and protects the objective lens.
6. **Tripod Attachment Base (1/4" Connector):** For mounting the scope onto a tripod.
7. **Dust Covers:** Protects the eyepiece and objective lens when not in use.

Setup Guide

1. Attaching the Spotting Scope to the Tripod

1. Unfold the tripod legs and adjust them to a stable position.

2. Locate the 1/4-20 screw on the tripod's mounting plate.
3. Align the spotting scope's tripod attachment base with the screw.
4. Securely tighten the screw to attach the scope to the tripod.
5. Adjust the tripod's height and angle using the adjustment handle and fixing knob for comfortable viewing.



Image: Spotting scope attached to the tripod.

2. Attaching the Phone Adapter

1. Attach the phone adapter to the eyepiece of the spotting scope. Ensure it is securely fastened.
2. Place your smartphone into the phone adapter. Adjust the adapter to center your phone's camera lens over the spotting scope's eyepiece.
3. Open your phone's camera application to view the magnified image.



Image: Attaching a phone to the spotting scope with the adapter.

Operating Instructions

1. Adjusting Magnification

The spotting scope features a continuous zoom eyepiece, allowing magnification from 20x to 60x.

- Rotate the **Magnification Focus Ring** on the eyepiece to increase or decrease the zoom level.
- Start with a lower magnification (20x) to easily locate your target, then zoom in for more detail.

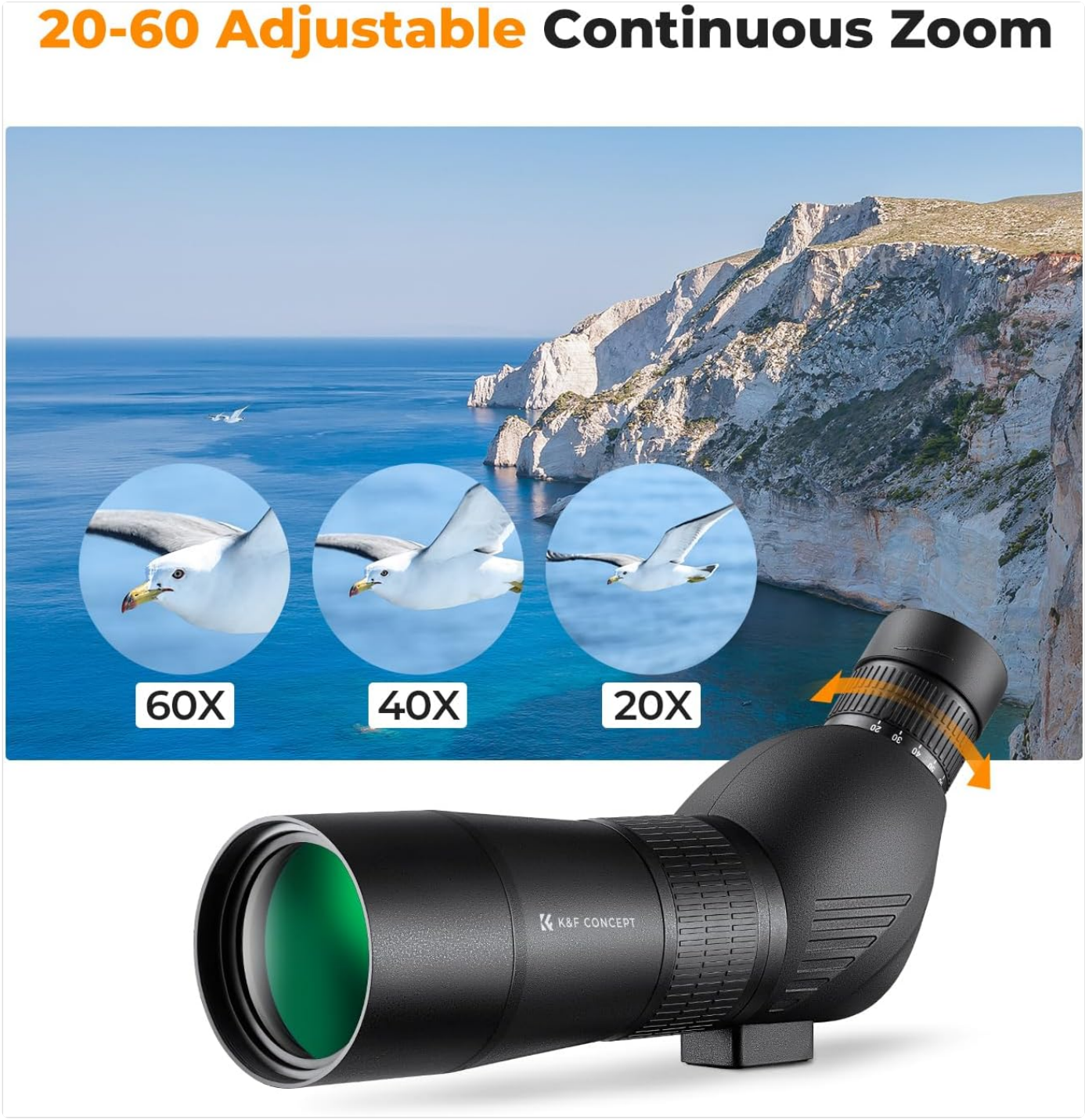


Image: Adjusting the magnification on the spotting scope.

2. Focusing

Once you have selected your desired magnification, use the focus wheel to achieve a clear image.

- Turn the **Focus Wheel** (located on the main barrel) slowly until the image appears sharp and clear.

3. Eyepiece Adjustment

The 45° angled eyepiece provides comfortable viewing. You can also adjust the eyecup for users with or without eyeglasses.

- Twist the eyecup up or down to find the most comfortable viewing distance and eliminate vignetting (dark edges).

4. Using the Retractable Sun Hood

The integrated sun hood helps reduce glare and protects the objective lens from rain or dust.

- Extend the **Retractable Sun Hood** by pulling it forward from the objective lens barrel.



Image: Retractable sun hood extended.

Maintenance

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 small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- Avoid touching the lens surfaces with your fingers.

2. Storage

- Always replace the eyepiece and objective lens protective covers when the scope is not in use.
- Store the spotting scope in its carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.

3. Waterproof and Fogproof Features

This spotting scope is designed to be waterproof and fogproof, making it suitable for various weather conditions.

- While waterproof, avoid submerging the scope in water.
- If the scope gets wet, wipe it dry with a clean cloth.

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Video: Demonstration of the K&F Concept spotting scope's features, including its waterproof capabilities.

Troubleshooting

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Focus wheel not adjusted correctly.	Rotate the focus wheel slowly until the image is sharp.
Dark edges (vignetting) in the view.	Eyecup not adjusted for your eye relief.	Twist the eyecup up or down to find the optimal position.
Image is dim or unclear.	Low light conditions; dirty lenses; sun hood not extended.	Ensure lenses are clean. Extend the sun hood to reduce glare. Use in adequate lighting.
Difficulty attaching phone adapter.	Adapter not aligned or tightened properly.	Ensure the adapter is correctly aligned with the eyepiece and securely tightened. Adjust phone camera to center.

Specifications

Feature	Detail
Model Name	20-60x60 Spotting Scope
Magnification	20x to 60x (Continuous Zoom)
Objective Lens Diameter	60 mm
Eyepiece Angle	45° Angled
Prism Type	BAK4
Lens Coating	Fully Multi-Coated (FMC) Green Film
Field of View	131-66 ft/1000 yards
Waterproof/Fogproof	Yes
Focus Type	Manual Focus
Product Dimensions	12.6 x 2.9 x 5.9 inches (32 x 7.4 x 15 cm)
Item Weight	12.3 ounces (350 grams)
Tripod Connector	Standard 1/4-20 tapped hole

Warranty and Support

K&F Concept is committed to customer satisfaction. We provide a 24-hour online service to assist you with any questions or concerns regarding your spotting scope.

- For product support, please visit the official K&F Concept website or contact their customer service directly.
- Refer to your purchase documentation for specific warranty details.

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Video: K&F Concept spotting scope in use for bird watching and wildlife observation.

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