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› Kite Optics APC Stabilized 10x30 Binoculars User Manual

Kite Optics KO1030

Kite Optics APC Stabilized 10x30 Binoculars User Manual

INTRODUCTION

Thank you for choosing the Kite Optics APC Stabilized 10x30 Binoculars. These binoculars are engineered to provide a stable and clear viewing experience with 10x magnification and a 30mm objective lens diameter. Featuring Angle Power Control (APC) image stabilization, they are designed for comfortable and extended observation in various outdoor conditions, including hunting, bird watching, and general outdoor use. This manual provides essential information for the proper setup, operation, and maintenance of your binoculars.



Figure 1: Kite Optics APC Stabilized 10x30 Binoculars, angled view.

KEY FEATURES

- **10x Magnification:** Provides detailed views of distant subjects.
- **30mm Objective Lenses:** Balances light gathering with a compact design.
- **Angle Power Control (APC) Image Stabilization:** Automatically detects positioning to activate stabilization when viewing and conserve battery when not in use.
- **Automatic Sleep Mode:** When held vertically or placed on a surface, the stabilization enters sleep mode.
- **Automatic Activation:** Stabilization engages automatically when the binoculars are brought to a horizontal viewing position.
- **90-Minute Auto-Off Timer:** Ensures complete power-off after 90 minutes of inactivity, regardless of position, to prevent accidental battery drain.
- **Low Battery Indicator:** Provides timely notification for battery replacement.
- **Waterproof Design:** Suitable for use in various weather conditions.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your binoculars:



Figure 2: Top view with ON/OFF switch.



Figure 3: Eyepiece with model designation.



Figure 4: Front view with objective lenses.



Figure 5: Central focus wheel.

1. Battery Installation

The binoculars require batteries for the image stabilization function. Locate the battery compartment, typically on the underside or side of the main body. Insert the required batteries, ensuring correct polarity as indicated inside the compartment. Close the compartment securely.

2. Adjusting Eyecups

Twist the eyecups up or down to achieve the optimal eye relief. If you wear eyeglasses, keep the eyecups fully retracted. If you do not wear eyeglasses, extend the eyecups until you see a full field of view without blackouts.

3. Adjusting Interpupillary Distance

Hold the binoculars up to your eyes and look through them. Adjust the distance between the two barrels by moving them closer together or further apart until you see a single, circular field of view.

4. Diopter Adjustment

The diopter adjustment compensates for differences in vision between your left and right eyes. Typically, this is a ring on one of the eyepieces (often the right one). To adjust:

1. Close your right eye and focus on a distant object using only your left eye and the central focus wheel.
2. Once the left eye is in sharp focus, close your left eye and open your right eye.
3. Without touching the central focus wheel, rotate the diopter adjustment ring until the object is in sharp focus for your right eye.
4. The binoculars are now adjusted for your vision. Use only the central focus wheel for subsequent focusing.

OPERATING INSTRUCTIONS

1. Powering On/Off and Image Stabilization (APC Function)

The APC (Angle Power Control) function manages the image stabilization automatically based on the binoculars' orientation.

- **Activation:** When the binoculars are moved from a vertical (hanging from neck, resting on surface) to a more horizontal viewing position, the image stabilization automatically activates.
- **Sleep Mode:** If the binoculars are returned to a vertical position, the stabilization will enter a sleep mode to conserve battery.
- **Auto-Off:** A timer function ensures the binoculars switch off completely after 90 minutes of continuous inactivity, regardless of their position.



Figure 6: APC Auto-On/Auto-Off function based on orientation.

2. Focusing

After performing the diopter adjustment (if necessary), use the central focus wheel to bring objects into sharp focus. Rotate the wheel until the image appears clear and crisp.



Figure 7: Proper use of binoculars for observation.

MAINTENANCE

1. Cleaning Lenses

To clean the lenses, first use a soft brush or compressed air to remove any dust or loose particles. Then, gently wipe the lenses with a clean, soft microfiber cloth specifically designed for optics. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.

2. General Cleaning

Wipe the body of the binoculars with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials, as these can damage the finish.

3. Storage

Store your binoculars in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided case to protect them from dust and physical damage when not in use for extended periods. Remove batteries if storing for several months.

4. Water Resistance

These binoculars are waterproof. However, avoid submerging them in water for extended periods or exposing them to high-pressure water jets. If they become wet, wipe them dry with a soft cloth.

TROUBLESHOOTING

- **Image is blurry or out of focus:** Ensure the central focus wheel is adjusted correctly for your viewing distance. If you have different vision in each eye, re-perform the diopter adjustment.
- **Image stabilization is not working:** Check the battery level. If the low battery indicator is on, replace the

batteries. Ensure the binoculars are held in a horizontal viewing position for stabilization to activate.

- **Binoculars power off unexpectedly:** This may be due to the 90-minute auto-off timer if there has been no activity. If it happens frequently during active use, check battery levels.
- **Narrow field of view or blackouts:** Adjust the eyecups to the correct position for your eyes, especially if you wear eyeglasses. Ensure the interpupillary distance is correctly set.
- **Low battery indicator is on:** Replace the batteries with new ones. Refer to the battery installation section for guidance.

SPECIFICATIONS

Feature	Specification
Brand	Kite Optics
Model Number	KO1030
Magnification Maximum	10.00x
Objective Lens Diameter	30 Millimeters
Special Feature	Image Stabilization (APC)
Item Weight	2.3 pounds
Package Dimensions	7.5 x 7.5 x 3.5 inches
Department	Unisex
Age Range (Description)	Adult

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Kite Optics website. If you encounter any issues or require technical assistance, please contact Kite Optics customer support through their official channels.

Kite Optics Store: [Visit the Kite Optics Store on Amazon](#)

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