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## HUTACT HTK-68

# HUTACT 10x42 Binoculars User Manual

Model: HTK-68

## INTRODUCTION

Thank you for choosing the HUTACT 10x42 Binoculars. These high-powered binoculars are designed to provide bright, clear, and high-contrast images, making them ideal for various outdoor activities such as bird watching, travel, hunting, concerts, and sports. Featuring 10x magnification, a 42mm objective lens, BAK-4 roof prism, and FMC green film, they ensure excellent light transmission and optical performance. The durable, waterproof, and fog-proof design allows for reliable use in diverse environments.



Image: The HUTACT 10x42 Binoculars, showcasing their compact and robust design.

## WHAT'S IN THE BOX

Upon opening your product package, please ensure all the following items are included:

- Binoculars (HUTACT 10x42)
- Lens caps
- Eyepiece cap
- Lens Cleaning Cloth
- Carrying case
- Harness strap
- Instruction book
- Color box

## PRODUCT COMPONENTS

Familiarize yourself with the key components of your HUTACT 10x42 Binoculars:



Image: Detailed diagram illustrating the various parts of the binoculars, including focus wheels, eyecups, objective lenses, and tripod interface.

- **Objective Lenses:** The large front lenses (42mm diameter) that gather light.
- **Eyepieces:** The lenses you look through.
- **Central Focus Wheel:** Used for general focusing of both barrels simultaneously.
- **Right Eyepiece Focus Ring (Diopter Adjustment):** Used to compensate for differences in vision between your left and right eyes.
- **Rotatable Eyecups:** Adjustable for comfortable viewing with or without eyeglasses.
- **Tripod Interface:** A threaded socket for mounting the binoculars on a tripod (adapter sold separately).
- **Hang Rope Design:** Attachment points for the neck strap.

## SETUP

### 1. Adjusting Interpupillary Distance

Hold the binoculars with both hands and look through them. Bend the binoculars at the hinge until you see a single, clear circular field of view. This adjusts the distance between the eyepieces to match the distance between your eyes.

## 2. Adjusting Eyecups for Viewing

The eyecups can be rotated or extended to provide comfortable viewing, especially for those who wear eyeglasses.



Image: Illustration showing how to adjust eyecups for comfortable viewing with and without eyeglasses.

- **Without Eyeglasses:** Rotate or extend the eyecups fully to block out stray light and ensure your eyes are at the optimal distance from the eyepieces.
- **With Eyeglasses:** Rotate or retract the eyecups to their lowest position. This allows your eyes, with glasses on, to be closer to the eyepieces, providing a full field of view.

## 3. Focusing Your Binoculars

To achieve a sharp image, follow these steps:

1. Close your right eye or cover the right objective lens.
2. Look through the left eyepiece with your left eye and rotate the **Central Focus Wheel** until the image is sharp.
3. Now, close your left eye or cover the left objective lens.
4. Look through the right eyepiece with your right eye and rotate the **Right Eyepiece Focus Ring (Diopter Adjustment)** until the image is sharp.

5. With both eyes open, the image should now be clear and focused. For subsequent viewing, only use the Central Focus Wheel to adjust focus for different distances.

## OPERATING

Once your binoculars are set up, you are ready to observe. The 10x magnification and 42mm objective lenses provide a wide and bright field of view, making distant objects appear closer and clearer.



Image: Demonstrates the large and bright field of view, suitable for birding, hunting, travel, and sports.

The BAK-4 prism and FMC (Fully Multi-Coated) green film significantly increase light transmittance, resulting in brighter and higher-contrast images compared to standard optics.

## Bright & Clear Image 16.5mm BAK4 Prisms & FMC Lens



Image: Visual comparison showing the superior brightness and clarity of images produced by HUTACT binoculars with BAK4 Prisms and FMC Lens versus others.

The binoculars offer a field of view of 303 feet at 1000 yards, allowing you to observe a wide area without needing to constantly move the binoculars.

### MAINTENANCE AND CARE

Proper care will ensure the longevity and optimal performance of your binoculars.

- **Cleaning Lenses:** Use the provided lens cleaning cloth or a soft, lint-free cloth. For stubborn spots, a small amount of lens cleaning fluid can be applied to the cloth (not directly to the lens). Avoid using abrasive materials or excessive force, which can scratch the lens coatings.
- **Cleaning Body:** Wipe the body of the binoculars with a soft, damp cloth.
- **Storage:** Store the binoculars in their carrying case in a cool, dry place when not in use. Avoid extreme temperatures and high humidity.
- **Waterproof and Fog-Proof:** While the binoculars are O-ring sealed and nitrogen-purged for fog-proof and waterproof performance, avoid submerging them in water. If they get wet, wipe them dry promptly.

### SAFETY INFORMATION

## WARNING:

 <p><b>WARNING</b></p>	<p>1.Contains small parts, not suitable for children under 6 years old. 2.Do not use the binoculars to look directly at the sun to avoid eye damage!</p>	 <p><b>ADVERTENCIA</b></p>	<p>1.Contiene piezas pequeñas, no apto para niños menores de 6 años. 2.No use los binoculares para observar directamente el sol, ya que esto puede causar daños a los ojos.</p>
 <p><b>WARNUNG</b></p>	<p>1.Enthält kleine Teile, nicht für Kinder unter 6 Jahren geeignet. 2.Verwenden Sie das Fernglas nicht, um direkt in die Sonne zu schauen, da dies Augenverletzungen verursachen kann!</p>	 <p><b>UYARI</b></p>	<p>1.Küçük parçalar içerir; 6 yaş altındaki çocuklar için uygun değildir. 2.Güneşi doğrudan görmek için dürbün kullanmayın, çünkü bu göz yaralanmalarına neden olabilir!</p>
 <p><b>AVERTISSEMENT</b></p>	<p>1.Contient de petites pièces, ne convient pas aux enfants de moins de 6 ans. 2.Ne pas utiliser les jumelles pour observer directement le soleil, car cela peut causer des blessures aux yeux !</p>	 <p><b>WAARSCHUWING</b></p>	<p>1.Bevat kleine onderdelen; niet geschikt voor kinderen onder de 6 jaar. 2.Gebruik de verrekijker niet om direct naar de zon te kijken, omdat dit oogletsel kan veroorzaken!</p>
 <p><b>AVVERTENZA</b></p>	<p>1.Contiene piccoli pezzi, non adatto per bambini sotto i 6 anni. 2.Non utilizzare il binocolo per osservare direttamente il sole, poiché potrebbe causare lesioni agli occhi!</p>	 <p><b>OSTRZEŻENIE</b></p>	<p>1.Zawiera małe elementy; nieodpowiednie dla dzieci poniżej 6 roku życia. 2.Nie używaj lornetki do bezpośredniego oglądania słońca, ponieważ może to spowodować uszkodzenie oczu!</p>

Image: Safety warnings in multiple languages, emphasizing not to look directly at the sun and caution regarding small parts.

- **DO NOT look directly at the sun through the binoculars.** This can cause severe and permanent eye damage.
- Contains small parts, not suitable for children under 6 years old. Keep out of reach of small children to prevent choking hazards.

## TROUBLESHOOTING

If you encounter any issues with your binoculars, consider the following common solutions:

- **Blurred Image:** Ensure you have correctly performed the focusing procedure, including adjusting the diopter for your right eye. Check that the objective lens caps are fully removed.
- **Double Image:** Re-adjust the interpupillary distance (the hinge between the barrels) until you see a single, merged image.
- **Dark or Dim Image:** Ensure the objective lenses are clean and free from obstructions. Check that the eyecups are correctly positioned for your viewing preference (with or without glasses).
- **Difficulty Focusing:** Ensure the central focus wheel and diopter ring move freely. If they are stiff, gentle rotation may help. Avoid forcing them.

If problems persist, please refer to the warranty and support information.

## SPECIFICATIONS

Feature	Specification
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Magnification	10x
Objective Lens Diameter	42 mm
Prism Type	BAK-4 Roof Prism
Lens Coating	Fully Multi-Coated (FMC) Green Film
Field of View	303 ft / 1000 yds
Product Dimensions	5 x 2.17 x 5.75 inches
Item Weight	1.43 pounds
Model Number	HTK-68
Water Resistance	Waterproof and Fog-Proof

## WARRANTY AND SUPPORT

HUTACT is committed to providing high-quality products and customer satisfaction. Your purchase is backed by a worry-free after-sales service.

- **30-Day Refund Policy:** If you are not satisfied with the product, you are entitled to a refund within 30 days of purchase.
- For any questions, concerns, or support needs beyond the initial 30-day period, please refer to the contact information provided with your product packaging or visit the official HUTACT website for further assistance.