

**Barska CO10672**

# Barska X-Trail 10x50mm Binoculars User Manual

Model: CO10672 | Brand: Barska

## 1. INTRODUCTION

The Barska X-Trail 10x50mm Binoculars are designed for long-range viewing, offering clear and crisp images for various outdoor activities such as hunting, birding, and sports. They feature 10X magnification and large 50mm fully coated objective lenses, ensuring bright and detailed observations.

Key features include BK-7 prisms, a durable rubber armor for a secure grip and shock absorption, and fold-down eyecups for comfortable viewing with or without eyeglasses. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your binoculars.



Image: Barska X-Trail 10x50mm Binoculars, showcasing the robust design and objective lenses.

## 2. SETUP

### 2.1 Unpacking and Included Components

Carefully remove your binoculars from the packaging. Ensure all components are present:

- Barska X-Trail 10x50mm Binoculars Unit
- Neck Strap
- Soft Carrying Case
- Lens Cloth
- Instruction Guide (this manual)

### 2.2 Adjusting the Binoculars

1. **Interpupillary Distance Adjustment:** 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 your eyes.
2. **Diopter Adjustment:** Close your right eye and focus on a distant object using the center focus wheel

until the image in your left eye is sharp. Then, close your left eye and adjust the diopter ring (usually on the right eyepiece) until the image in your right eye is sharp. Once set, use only the center focus wheel for subsequent focusing.

3. **Eyecup Adjustment:** If you wear eyeglasses, fold down the rubber eyecups to bring your eyes closer to the ocular lenses, allowing for a full field of view. If you do not wear eyeglasses, keep the eyecups extended for comfortable viewing.



Image: Front view of the binoculars, highlighting the central focus wheel for adjustment.

## 3. OPERATING YOUR BINOCULARS

### 3.1 Viewing

Once adjusted, hold the binoculars steady and use the center focus wheel to bring your desired object into sharp focus. The 10x magnification provides a powerful zoom, while the 50mm objective lenses gather ample light for bright images, even in lower light conditions.

- **Magnification:** 10x
- **Objective Diameter:** 50mm
- **Angle of View:** 7.0 degrees
- **Field of View (at 1000 yards/meters):** 367 ft. / 122m

- **Close Focusing Distance:** 6m

## 3.2 Applications

These binoculars are versatile and suitable for a wide range of activities:

- **Hunting:** Track game from a distance with clarity.
- **Birding:** Observe birds and wildlife in their natural habitat.
- **Sports Events:** Get a closer view of the action at sporting events.
- **Sightseeing:** Enhance your travel and sightseeing experiences.



Image: A person using Barska X-Trail binoculars, demonstrating their use in an outdoor setting.

## 4. MAINTENANCE AND CARE

Proper care will ensure the longevity and optimal performance of your Barska X-Trail binoculars.

- **Cleaning Lenses:** Use the provided lens cloth or a soft, lint-free cloth. For stubborn dirt, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens. Avoid abrasive materials.
- **Cleaning Body:** The rubber armor can be wiped with a soft, damp cloth. Do not use harsh chemicals or solvents.
- **Storage:** Store the binoculars in their carrying case in a cool, dry place when not in use. Avoid extreme temperatures and high humidity.
- **Protection:** The durable rubber armor provides shock absorption, but avoid dropping the binoculars or subjecting them to severe impacts.



## 5. TROUBLESHOOTING

If you encounter issues with your binoculars, try the following common troubleshooting steps:

- **Blurry Image:** Ensure both the center focus wheel and the diopter adjustment are correctly set for your eyes. Re-adjust the interpupillary distance.
- **Double Image:** This often indicates that the interpupillary distance is not correctly set. Adjust the hinge until you see a single, merged image.
- **No Image/Dark Image:** Check that the lens caps are removed from both the objective lenses and the eyepieces. Ensure you are looking through the correct end.
- **Difficulty Focusing:** Make sure the object you are trying to view is within the close focusing distance of 6 meters.

If problems persist after attempting these steps, please refer to the warranty and support section for further assistance.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Magnification	10x
Objective Diameter	50mm
Angle of View	7.0 degrees
Field of View (ft./m @ 1000yds/m)	367 ft. / 122m
Close Focusing Distance	6m
Exit Pupil	4mm
Eye Relief	12.7mm
Lens Coating	Fully Coated
Prism Type	Porro
Focusing System	Center
Item Weight	1.8 Pounds
Color	Black
Model Number	CO10672

## 7. WARRANTY AND SUPPORT

Barska products are manufactured with quality and performance in mind. For warranty details, please refer to the manufacturer's official website or the warranty information included with your purchase. The product comes with a Limited Lifetime Warranty.

For technical support, replacement parts, or accessories, please visit the official Barska website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the product packaging.

**Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).