

## Barska AB10592

# Barska Gladiator 20-100x70 Zoom Binocular AB10592 Instruction Manual

## 1. INTRODUCTION

Thank you for choosing the Barska Gladiator 20-100x70 Zoom Binocular. This manual provides essential information for the proper setup, operation, and maintenance of your binocular. The Gladiator zoom series offers the advantage of variable magnification, allowing you to observe a wide field of view at low power and then zoom in to a higher power for detailed observation. This versatility makes it suitable for various viewing activities, including astronomy and land viewing.

### Key Features:

- Giant zoom binoculars with high magnification, ideal for astronomy or land viewing.
- Multi-coated optics with BAK-4 prisms for crisp and clear images.
- Large 70mm objective lens maximizes light transmission for superior brightness and vivid images, even in low-light conditions.
- Ergonomic design with shock-absorbing rubber armor for durability and comfortable handling.
- Includes a tripod adapter and carrying case for convenience.



Image 1.1: The Barska Gladiator 20-100x70 Zoom Binocular, showcasing its robust design.

## 2. SAFETY INFORMATION

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**WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

- Never look directly at the sun through your binoculars, as this can cause severe and permanent eye damage.
- Keep binoculars away from direct sunlight when not in use to prevent fire hazards.
- Store in a cool, dry place to prevent damage to optical components.

## 3. PACKAGE CONTENTS

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Upon unpacking, please ensure all the following items are present:

- Barska Gladiator 20-100x70 Zoom Binocular
- Carrying Case
- Neck Strap
- Tripod Adapter

- Lens Cloth
- Instruction Manual

## 4. SETUP

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### 4.1. Attaching the Neck Strap

1. Thread the ends of the neck strap through the strap lugs located on each side of the binocular body.
2. Secure the strap by threading it back through the buckle, ensuring it is tightly fastened.
3. Adjust the length of the strap for comfortable carrying.

### 4.2. Mounting on a Tripod

For extended viewing periods or at higher magnifications, using a tripod is highly recommended to ensure stability and reduce image shake. The binocular includes a tripod adapter.

1. Locate the threaded tripod adapter socket on the front hinge of the binocular, usually covered by a small cap. Remove this cap.
2. Screw the included tripod adapter into this socket.
3. Attach the tripod adapter to your photographic tripod's quick-release plate or mounting screw.
4. Ensure the binocular is securely fastened to the tripod before use.



Image 4.1: The Barska Gladiator binocular mounted on a tripod, demonstrating its large 70mm objective lenses for enhanced light gathering.

## 5. OPERATING YOUR BINOCULARS

### 5.1. Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. Adjusting this correctly ensures you see a single, clear circular field of view.

1. Hold the binoculars with both hands and look through the eyepieces.
2. Bend the binocular body at the hinge until you see a single, perfectly round field of view.

### 5.2. Focusing

Your binocular features a central focus wheel and a diopter adjustment for precise focusing.

1. **Diopter Adjustment:** Close your right eye and look through the left eyepiece. Rotate the central focus wheel until the image is sharp and clear.
2. **Diopter Correction:** Close your left eye and look through the right eyepiece. Rotate the diopter adjustment ring (usually on the right eyepiece) until the image is sharp and clear.



3. Now, with both eyes open, use only the central focus wheel to focus on objects at varying distances. The diopter setting should remain constant for your eyes.

### 5.3. Using the Zoom Function

The Gladiator series allows you to change magnification levels seamlessly.

1. Locate the zoom lever, typically near the right eyepiece.
2. To decrease magnification (zoom out), move the lever towards the lower power setting.
3. To increase magnification (zoom in), move the lever towards the higher power setting.
4. Refocus slightly with the central focus wheel after changing the zoom level, as the focal point may shift.



Image 5.1: An illustration of the 20-100x magnification capability, showing a distant object brought into closer view.

### 5.4. Viewing Tips

- For best results, especially at higher magnifications, use a tripod to stabilize the view.
- Start at the lowest magnification (20x) to locate your subject, then zoom in for more detail.
- Avoid rapid movements when observing at high magnifications.

## 6. CARE AND MAINTENANCE

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### 6.1. Cleaning Lenses

- Use the included lens cloth or a soft, lint-free cloth specifically designed for optics.
- Gently brush away any dust or debris from the lens surface.
- If necessary, use a small amount of optical lens cleaning fluid applied to the cloth, not directly to the lens.
- Wipe the lens in a circular motion, starting from the center and moving outwards.
- Avoid using abrasive cloths, paper towels, or household cleaners, as these can scratch or damage the lens coatings.

### 6.2. General Care and Storage

- Store your binoculars in the provided carrying case when not in use to protect them from dust, moisture, and impacts.
- Keep the lens caps on when storing.
- Avoid exposing the binoculars to extreme temperatures or sudden temperature changes.
- Do not attempt to disassemble the binoculars, as this will void the warranty and may cause irreparable damage.



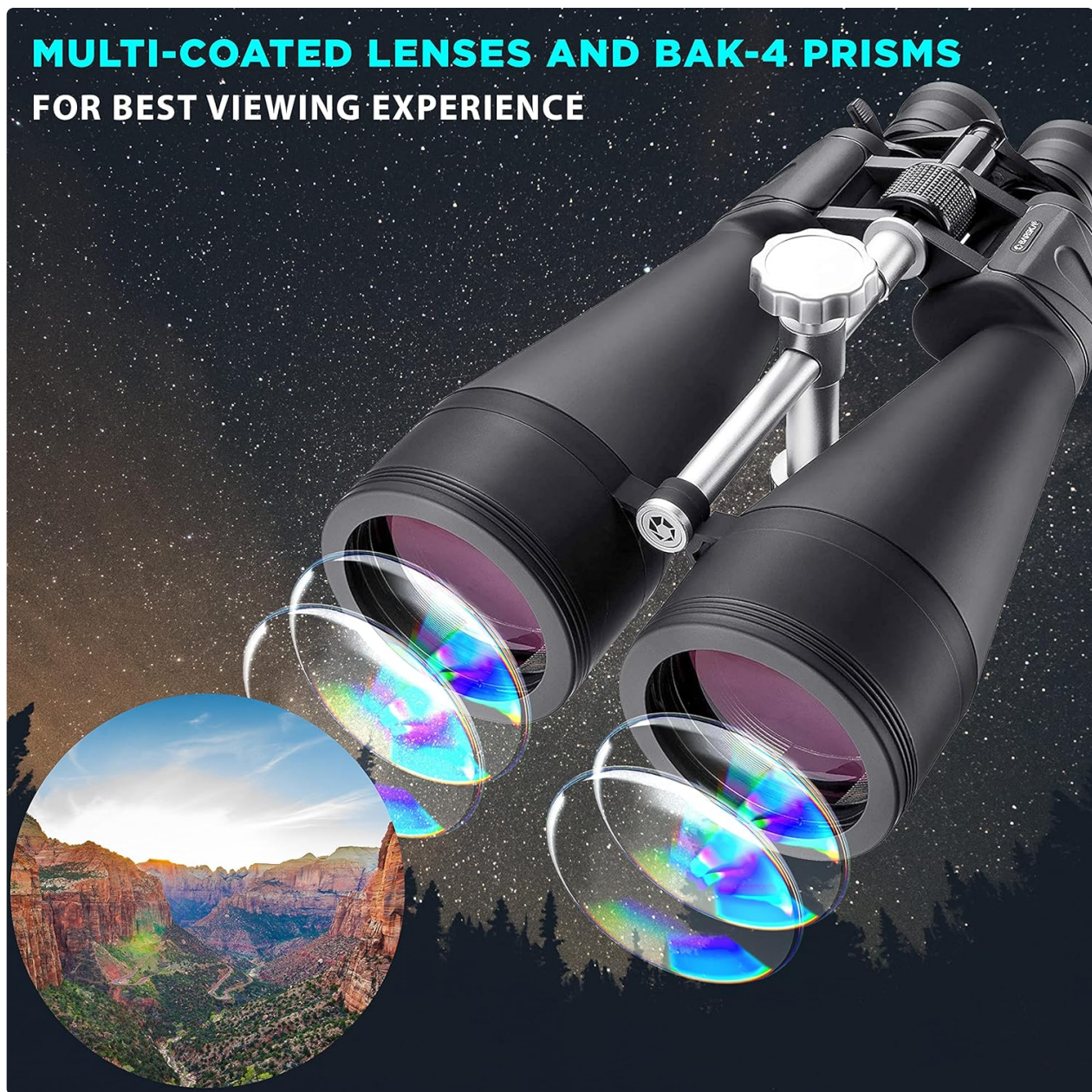


Image 6.1: An illustration highlighting the multi-coated lenses and BAK-4 prisms, which contribute to the binocular's optical performance.

## 7. TROUBLESHOOTING

If you encounter issues with your binocular, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Blurred image	Incorrect focus or diopter setting	Adjust the central focus wheel and diopter ring as described in Section 5.2.
Double image or two circles	Incorrect interpupillary distance (IPD)	Adjust the binocular hinge until a single, circular field of view is seen (Section 5.1).
Shaky image at high magnification	Hand-holding at high zoom levels	Mount the binocular on a tripod for stability (Section 4.2).

Problem	Possible Cause	Solution
Dark or dim image	Low light conditions or dirty lenses	Ensure lenses are clean (Section 6.1). Note that image brightness naturally decreases in very low light or at very high magnifications.
Difficulty zooming	Zoom mechanism obstruction	Ensure no debris is obstructing the zoom lever. Do not force the mechanism.

## 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	AB10592
Magnification	20-100x
Objective Lens Diameter	70mm
Prism Type	BAK-4
Optics Coating	Multi-coated
Color	Black
Material	Premium Optics, Rubber Armor
Product Dimensions (L x W x H)	13.5 x 9.2 x 4 inches (approx. 34.3 x 23.4 x 10.2 cm)
Item Weight	454 g (approx. 1 lb)
Special Features	Portable, Shock Resistant, Slip Resistant
Compatibility	Tripod (adapter included)
Included Components	Binoculars, Carrying Case, Neck Strap, Tripod Adapter

## 9. WARRANTY AND CUSTOMER SUPPORT

### 9.1. Limited Lifetime Warranty

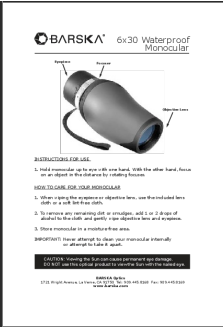
Your Barska Gladiator 20-100x70 Zoom Binocular is backed by a Limited Lifetime Warranty. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase. For specific details regarding warranty coverage and claims, refer to the warranty information provided with your product packaging or visit the official Barska website.

### 9.2. Customer Support

If you have any questions, require technical assistance, or need to inquire about warranty service, please contact Barska customer support. Contact information can typically be found on the Barska website or within your product packaging.



## Related Documents - AB10592



## BARSKA 6x30 Waterproof Monocular: User Guide and Care Instructions

Learn how to use and care for your BARSKA 6x30 Waterproof Monocular. Includes instructions, cleaning tips, and important safety warnings.



## Barska Binocular Instruction Manual

Comprehensive guide to using and caring for Barska binoculars, covering eye adjustments, focusing, waterproof features, eyecups, tripod adapters, and cleaning instructions.



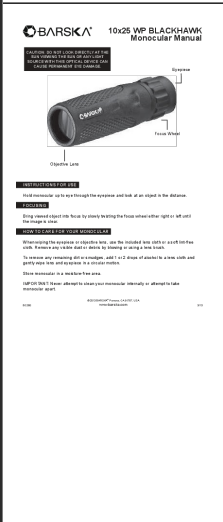
## Barska Starwatcher 300 Power Telescope Assembly and User Guide

Comprehensive guide for assembling, using, and maintaining the Barska Starwatcher 300 Power Telescope. Includes setup instructions, accessory attachment, focusing, magnification details, care tips, technical specifications, and warranty information.




[BARSKA Level ED Spotting Scope User Manual and Warranty Information](#)

Comprehensive user manual and limited lifetime warranty details for the BARSKA Level ED spotting scope, covering parts identification, setup, operation, maintenance, and warranty service procedures.



BARSKA 10x25 WP BLACKHAWK Monocular Manual - User Guide

Official user manual for the BARSKA 10x25 WP BLACKHAWK Monocular (Model BC280). Learn how to use, focus, and care for your monocular with detailed instructions and safety warnings.

	<p><a href="#">BARSKA Starwatcher 675 Power Telescope: Setup, Operation, and Warranty Guide</a></p> <p>A comprehensive guide for the BARSKA Starwatcher 675 Power Telescope (Model AE10758, BC268), detailing setup instructions, operating procedures, finder scope adjustment, magnification selection, and the 1-year limited warranty.</p>
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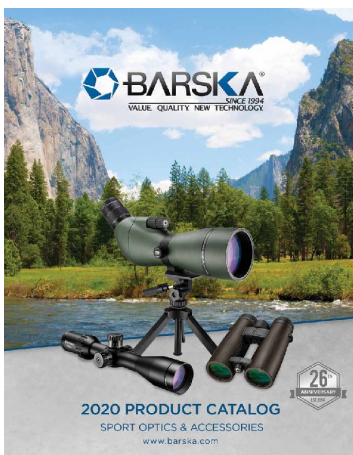
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