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› Bushnell Legend 10x50 Binoculars Instruction Manual

Bushnell BB1050W

Bushnell Legend 10x50 Binoculars Instruction Manual

Model: BB1050W

INTRODUCTION

Thank you for choosing the Bushnell Legend 10x50 Binoculars. This manual provides detailed instructions for the proper setup, operation, and maintenance of your binoculars to ensure optimal performance and longevity. Please read this manual thoroughly before using your device.



Image: The Bushnell Legend 10x50 Binoculars, showcasing their robust design.

PACKAGE CONTENTS

Upon unpacking your Bushnell Legend 10x50 Binoculars, please verify that all the following items are included:

- Bushnell Legend 10x50 Binoculars
- Neck Strap
- Carrying Case
- Objective Lens Caps
- Eyepiece Rainguard
- Lens Cleaning Cloth

WHAT'S INCLUDED



Image: All items included in the Bushnell Legend 10x50 Binoculars package: binoculars, neck strap, lens caps, carrying case, and cleaning cloth.

PARTS OF YOUR BINOCULARS

Familiarize yourself with the key components of your Bushnell Legend 10x50 Binoculars:



Image: A diagram highlighting the main features: Adjustable Diopter, Non-Slip Design, Twist-Up Eyecups, Durable Rubber Armor, Strap Lugs, Tripod Compatible area, and Fully Multi-Coated Optics.

- **Objective Lenses:** The large lenses at the front of the binoculars that gather light.
- **Eyecups:** Adjustable cups around the eyepieces for comfortable viewing, especially for eyeglass wearers.
- **Diopter Adjustment Ring:** Located on the right eyepiece, used to compensate for differences in vision between your eyes.
- **Center Focus Wheel:** The large wheel located between the barrels, used for focusing both barrels simultaneously.
- **Strap Lugs:** Attachment points for the neck strap.
- **Tripod Adapter Thread:** A threaded socket (usually under a cap) for mounting the binoculars on a tripod (adapter sold separately).

INITIAL SETUP

1. Attaching the Neck Strap

Thread the ends of the neck strap through the strap lugs on each side of the binocular body. Ensure the strap is

securely fastened before use to prevent accidental drops.

2. Adjusting the Eyecups

Your Bushnell Legend binoculars feature twist-up eyecups for comfortable viewing with or without eyeglasses.

- **For Non-Eyeglass Wearers:** Twist the eyecups counter-clockwise until they are fully extended (up position). This positions your eyes at the optimal distance from the eyepieces.
- **For Eyeglass Wearers:** Twist the eyecups clockwise until they are fully retracted (down position). This allows you to see the full field of view while wearing your glasses.

TWIST-UP EYECUPS UP



Image: Binoculars with eyecups twisted up for non-eyeglass wearers.

TWIST-UP EYECUPS DOWN



Image: Binoculars with eyecups twisted down for eyeglass wearers.

3. Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. To match this to your binoculars:

1. Hold the binoculars up to your eyes and look through them.

2. Grasp each barrel firmly and move them closer together or further apart until you see a single, clear circular field of view.

4. Focusing Your Binoculars

To achieve a sharp image, you need to adjust both the center focus wheel and the diopter setting.

1. **Set the Diopter:** Close your right eye or cover the right objective lens. Look through the left eyepiece with your left eye and rotate the center focus wheel until the image is sharp.
2. **Adjust the Diopter Ring:** Close your left eye or cover the left objective lens. Look through the right eyepiece with your right eye and rotate the diopter adjustment ring (on the right eyepiece) until the image is sharp. **Do not use the center focus wheel for this step.**
3. **Final Focus:** With both eyes open, use the center focus wheel to focus on objects at varying distances. The diopter setting should now be correct for your eyes and will not need to be adjusted again unless a different user uses the binoculars.

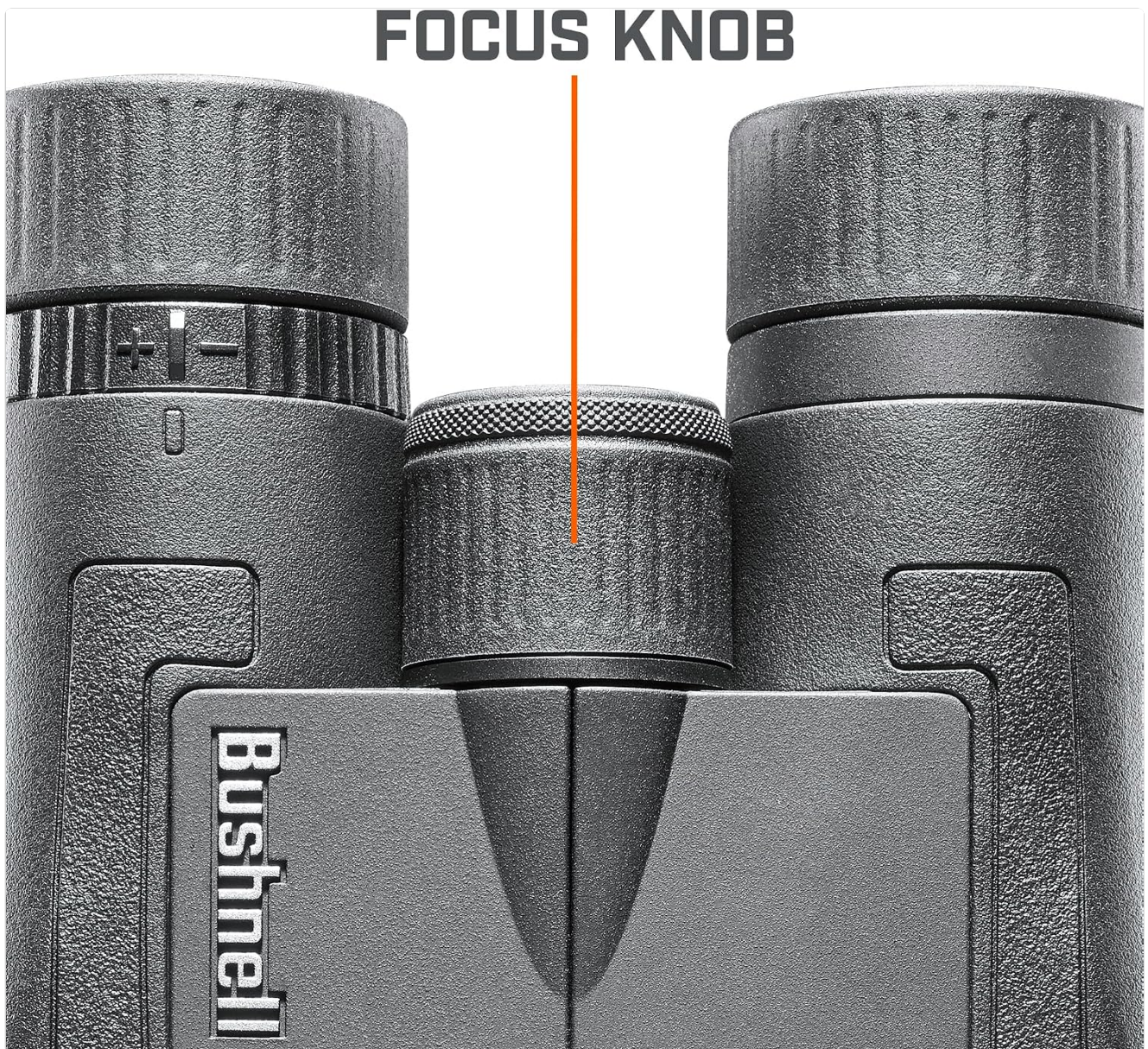


Image: A close-up view of the central focus knob, used for general focusing.

OPERATION

Once your binoculars are set up, they are ready for use. Simply point them at your desired subject and use the

center focus wheel to achieve a clear image.



Image: A person using Bushnell Legend binoculars outdoors, demonstrating typical operation.

CARE AND MAINTENANCE

Cleaning Lenses

Proper cleaning of the lenses is crucial for maintaining optical quality. Always use the provided lens cleaning cloth or a soft, lint-free cloth designed for optics.

1. Gently brush away any dust or large debris from the lens surface.
2. Apply a small amount of lens cleaning fluid (if necessary, and specifically designed for optics) to the cloth, not directly to the lens.
3. Wipe the lens surface in a circular motion, starting from the center and moving outwards.
4. Avoid excessive rubbing or using abrasive materials, which can scratch the lens coatings.

Storage

When not in use, store your binoculars in their protective carrying case in a cool, dry place. Avoid exposing them to extreme temperatures or high humidity for extended periods.

Waterproof Features

The Bushnell Legend 10x50 Binoculars feature IPX7 waterproof construction, meaning they can withstand submersion in 1 meter of water for 30 minutes. They also include Rainguard lens protection. While designed for rugged use, it is recommended to dry the binoculars thoroughly after exposure to water to prevent water spots and maintain their condition.



Image: Bushnell Legend binoculars partially submerged in water, demonstrating their waterproof capability.

TROUBLESHOOTING

If you encounter issues with your binoculars, refer to the following common problems and solutions:

- Image is blurry or out of focus:**
Ensure you have correctly adjusted the interpupillary distance, the center focus wheel, and the diopter adjustment ring. Refer to the "Focusing Your Binoculars" section for detailed steps.
- Dark edges or vignetting in the field of view:**
This often indicates incorrect interpupillary distance. Adjust the barrels until you see a single, clear circular image. Also, ensure your eyecups are set correctly for your viewing preference (up for non-eyeglass wearers, down for eyeglass wearers).
- Double image:**
This is typically caused by incorrect interpupillary distance. Adjust the distance between the barrels until the two images merge into one.
- Difficulty seeing clearly with eyeglasses:**
Make sure the eyecups are fully retracted (down position) when wearing eyeglasses.
- Fogging of lenses:**
While the binoculars are waterproof and nitrogen-purged to prevent internal fogging, external fogging can occur in humid conditions or rapid temperature changes. Allow the binoculars to acclimate to the ambient temperature, or gently wipe the exterior lenses with a clean, dry cloth.

SPECIFICATIONS

Detailed technical specifications for the Bushnell Legend 10x50 Binoculars (Model: BB1050W):

Specification	Value
Brand	Bushnell
Model Number	BB1050W
Magnification Maximum	10x
Objective Lens Diameter	50 Millimeters
Special Feature	Lightweight, Waterproof, Fully Multi-Coated Optics

Specification	Value
Item Weight	1.42 pounds (644 grams)
Length	6.7 inches (170 mm)
Age Range (Description)	All ages
ASIN	B097MT12V5



Image: The length of the binoculars is 6.7 inches (170mm).



Image: The weight of the binoculars is 27.8 oz (788g).

WARRANTY INFORMATION

Bushnell products are engineered to deliver reliable performance. For specific warranty details regarding your Bushnell Legend 10x50 Binoculars, please refer to the warranty card included with your product or visit the official Bushnell website. Warranty terms and conditions may vary by region and product.

CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need to report a service issue, please contact Bushnell customer support. You can find contact information and additional resources on the official Bushnell website: www.bushnell.com.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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