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Bushnell 158042

Bushnell Binocular 8x42 Waterproof Instruction Manual

Model: 158042

Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

Introduction

Thank you for purchasing the Bushnell 8x42 Waterproof Binocular. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your new binocular. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.



Figure 1: Bushnell 8x42 Waterproof Binocular, showcasing its robust design.

Setup

Unpacking and Initial Inspection

Carefully remove all components from the packaging. The box should contain:

- Bushnell 8x42 Binocular Unit
- Neck Strap
- Carrying Case
- Instruction Guide (this manual)

Inspect the binocular for any signs of damage during shipping. If any components are missing or damaged, please contact customer support.

Attaching the Neck Strap

To attach the neck strap, thread each end of the strap through the strap lugs located on the sides of the binocular body. Secure the strap by feeding it back through the buckle, ensuring it is tightly fastened to prevent accidental drops.



Figure 2: Proper handling of the binocular, showing strap attachment points.

Operating Instructions

Adjusting for Eye Width (Interpupillary Distance)

Hold the binocular with both hands and look through the eyepieces. Adjust the distance between the two barrel halves by moving them closer together or further apart until you see a single, clear circular field of view. This adjustment ensures both eyes are aligned with the optical path.

Focusing Your Binocular

1. **Diopter Adjustment:** First, close your right eye and focus on a distant object using only your left eye by rotating the center focus knob until the image is sharp.
2. **Main Focus:** Next, open your right eye and close your left eye. Rotate the diopter adjustment ring (usually on the right eyepiece) until the image is sharp for your right eye.
3. **Fine Tuning:** With both eyes open, the image should now be clear. For subsequent viewing, use only the center focus knob to adjust for different distances.



Figure 3: The binocular's waterproof design allows for use in various conditions. Note the large center focus knob for easy adjustments.

Adjusting Eyecups

Your Bushnell binocular features twist-up eyecups. If you wear eyeglasses, twist the eyecups down to their lowest position to achieve the full field of view. If you do not wear eyeglasses, twist the eyecups up to their highest position for comfortable viewing and to block out peripheral light.



Figure 4: Key features of the H2O 8x42 model, including multi-coated optics for clear viewing.

Maintenance and Care

Cleaning the Lenses

When cleaning the lenses, use only a soft, lint-free cloth specifically designed for optical surfaces. Gently wipe the lenses to remove dust or smudges. For stubborn dirt, a small amount of lens cleaning fluid applied to the cloth (not directly to the lens) can be used. Avoid using abrasive cloths or excessive pressure, which can scratch the lens coatings.

Storage

Store your binocular in its protective carrying case when not in use. Keep it in a cool, dry place, away from direct sunlight and extreme temperatures. While the binocular is waterproof and fogproof, prolonged exposure to moisture or humidity should be avoided to maintain optimal performance.



Figure 5: The binocular's textured, non-slip rubber pads provide a secure grip even in wet conditions, aiding in durability and ease of use.

Troubleshooting

Problem	Possible Cause	Solution
Blurred Image	Incorrect focus or diopter setting.	Re-adjust the center focus knob and diopter ring as described in the "Focusing Your Binocular" section.
Double Image or Two Circles	Interpupillary distance (eye width) is not correctly set.	Adjust the barrel halves until a single, clear circular field of view is achieved.

Problem	Possible Cause	Solution
Dark Edges / Vignetting	Eyecups are not correctly positioned for your eyes or eyeglasses.	Adjust the twist-up eyecups to the appropriate position (up for non-eyeglass wearers, down for eyeglass wearers).
Dust or Smudges on Lens	Accumulation of debris on optical surfaces.	Clean lenses gently with a soft, lint-free optical cloth.

Specifications

Model: Bushnell 158042

Magnification: 8x

Objective Lens Diameter: 42 mm

Field of View: 325 ft. at 1000 yards

Prism Type: Roof Prism

Lens Coating: Multi-Coated

Minimum Focus Distance: 12 ft.

Weather Resistance: 100% Waterproof / Fogproof

Weight: 1.6 lb. (approximately 0.73 kg)

Dimensions (L x W x H): Approximately 3 x 6 x 6.875 inches (7.6 x 15.2 x 17.5 cm)

Tripod Mountable: No

Warranty & Support

Warranty Information

Bushnell products are engineered to deliver reliable performance and are backed by a limited warranty. For specific warranty details and duration, please refer to the warranty card included with your product or visit the official Bushnell website. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues or have questions regarding your Bushnell 8x42 Waterproof Binocular that are not covered in this manual, please contact Bushnell Customer Service. You can find contact information on the official Bushnell website or through the retailer where you purchased the product.
For more information, visit the **Bushnell Store on Amazon**.

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