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› Bushnell Explorer 10x42 Waterproof Roof Prism Binoculars User Manual

Bushnell 253421CN

Bushnell Explorer 10x42 Waterproof Roof Prism Binoculars User Manual

Model: 253421CN

1. INTRODUCTION

Thank you for choosing the Bushnell Explorer 10x42 Waterproof Roof Prism Binoculars. These binoculars are designed for clear, bright viewing in various outdoor conditions. Featuring 10x magnification and 42mm objective lenses, they are suitable for bird watching, nature observation, and general outdoor use. This manual provides instructions for proper setup, operation, and maintenance to ensure optimal performance and longevity of your device.



Image 1.1: Front view of the Bushnell Explorer 10x42 Binoculars, showcasing the objective lenses and central focus wheel.

2. PACKAGE CONTENTS

Upon unpacking your Bushnell Explorer 10x42 Binoculars, please ensure all the following items are present:

- Bushnell Explorer 10x42 Binocular
- Carrying Case
- Neck Strap
- 2 Lens Covers (Objective and Eyepiece)

3. PRODUCT FEATURES

The Bushnell Explorer 10x42 Binoculars incorporate several features designed for durability and optical performance:

- **IPX7 Waterproof and Fogproof Construction:** Tested to withstand submersion at 1 meter for 30 minutes, ensuring protection against water penetration and internal fogging.
- **Fully Multi-Coated, All-Glass Optics System:** Enhances contrast, resolution, and light transmission for brighter, clearer images.
- **BAK-4 Prisms:** Contributes to superior image quality and light gathering.
- **Non-Slip Aggressive Texture and Rubber Housing:** Provides a secure grip and offers protection against impacts.
- **Lightweight Aluminum Body Construction:** Offers durability without excessive weight, promoting comfortable extended use.
- **Roof Prism Design:** Results in a streamlined and compact binocular form factor, making it easier to handle and store.



Image 3.1: A hand demonstrating the comfortable and secure grip provided by the binocular's rubberized housing.

4. SETUP

4.1 Attaching the Neck Strap

1. Thread the ends of the provided 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 to prevent accidental detachment.

4.2 Adjusting Eyecups

The eyecups can be adjusted to accommodate users with or without eyeglasses:

- **For users without eyeglasses:** Twist the eyecups counter-clockwise until they are fully extended. This positions your eyes at the optimal distance from the ocular lenses.
- **For users with eyeglasses:** Twist the eyecups clockwise until they are fully retracted. This allows your eyeglasses to be closer to the ocular lenses, providing a full field of view.

4.3 Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. To adjust the IPD:

1. Hold the binoculars with both hands and look through them.

2. Bend the binocular body at the hinge until you see a single, clear circular field of view.
3. Note this setting for future use.

5. OPERATING INSTRUCTIONS

5.1 Focusing

Your Bushnell Explorer binoculars feature a central focus wheel and a diopter adjustment for precise focusing:

1. Close your right eye and look through the left eyepiece. Rotate the central focus wheel until the image is sharp and clear.
2. Close your left eye and look through the right eyepiece. Rotate the diopter adjustment ring (located on the right eyepiece) until the image is sharp and clear.
3. Now, with both eyes open, the binoculars are adjusted to your vision. Use the central focus wheel for focusing on objects at varying distances.



Image 5.1: Top view highlighting the central focus wheel and diopter adjustment on the right eyepiece.

6. MAINTENANCE AND CARE

6.1 Cleaning Lenses

To clean the lenses, use a soft, lint-free cloth specifically designed for optical surfaces. Gently wipe the lenses to remove dust or smudges. For stubborn marks, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.

6.2 Storage

Store your binoculars in a cool, dry place when not in use. Use the provided carrying case to protect them from dust, dirt, and physical damage. Avoid storing them in direct sunlight or extreme temperatures.

6.3 Waterproof and Fogproof

While your binoculars are waterproof and fogproof, it is recommended to dry them thoroughly after exposure to water and avoid unnecessary submersion to maintain their integrity over time.

7. TROUBLESHOOTING

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

- **Blurry Image:** Ensure both the central focus wheel and the diopter adjustment are correctly set for your eyes and the distance to the object. Check that eyecups are adjusted appropriately for eyeglasses use.
- **Double Image:** Adjust the interpupillary distance (IPD) by bending the binocular body until a single, circular field of view is achieved.
- **Dim Image:** Ensure lens caps are removed. Check for dirt or smudges on the objective lenses and eyepieces and clean them carefully.

For further assistance, please contact Bushnell customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	253421CN
Magnification	10x
Objective Lens Diameter	42 Millimeters
Optical System	Roof Prism
Waterproof Rating	IPX7
Fogproof	Yes
Special Features	Anti Reflective Lens, Compact Design, Lightweight
Item Weight	1.39 pounds
Package Dimensions	9.96 x 6.14 x 4.21 inches

9. WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support for your Bushnell Explorer 10x42 Waterproof Roof Prism Binoculars, please refer to the official Bushnell website or contact their customer service directly. Warranty terms and conditions may vary and are subject to the manufacturer's policies.

Manufacturer: Bushnell

Website: www.bushnell.com

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