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› Bushnell Explorer 8x42 Binoculars User Manual

Bushnell 210842RB

Bushnell Explorer 8x42 Binoculars User Manual

Model: 210842RB

INTRODUCTION

This manual provides comprehensive instructions for the proper use, care, and maintenance of your Bushnell Explorer 8x42 Binoculars. Please read this manual thoroughly before using your binoculars to ensure optimal performance and longevity.



Front view of the Bushnell Explorer 8x42 Binoculars, showcasing the objective lenses and the central focus wheel with Bushnell branding.

What's in the Box

- Bushnell Explorer 8x42 Binoculars (Brown)
- Lens Covers (Objective and Eyepiece)

- Neck Strap
- Carrying Case
- Cleaning Cloth



Image showing all included accessories: the binoculars, carrying case, neck strap, and cleaning cloth.

SAFETY INFORMATION

- **WARNING:** Never look directly at the sun or any bright light source through your binoculars. This can cause severe and permanent eye damage.
- Keep binoculars out of reach of small children to prevent accidental damage or misuse.
- Avoid dropping the binoculars, as this can damage the internal optical components.
- Do not attempt to disassemble or modify the binoculars. This will void the warranty and may cause damage.

SETUP

1. Attaching the Neck Strap

Thread the ends of the neck strap through the strap lugs on the sides of the binocular body. Secure the strap according to the instructions provided with the strap. Ensure it is firmly attached before letting the binoculars hang freely.



The binoculars shown with the included neck strap properly attached for carrying.

2. Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. To adjust, hold the binoculars with both hands and look through them. Move the two halves of the binoculars closer together or further apart until you see a single, clear circular field of view. This adjustment ensures both eyes are looking through the optical centers.

3. Adjusting Eyecups

Your Bushnell Explorer 8x42 Binoculars feature twist-up eyecups. If you wear eyeglasses, twist the eyecups down to their lowest position. This allows your eyes to be closer to the eyepiece lenses, providing a full field of view. If you do not wear eyeglasses, twist the eyecups up to their highest position for comfortable viewing.

4. Focusing

1. **Center Focus Wheel:** Look through the binoculars at a distant object. Rotate the central focus wheel (located between the two barrels) until the image in the *left* eyepiece is sharp and clear.



A detailed view of the central focus wheel, used for adjusting the focus of both barrels simultaneously.

2. **Diopter Adjustment:** Without changing the central focus wheel, 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.



A close-up of the diopter adjustment ring on the right eyepiece, used for fine-tuning focus for individual eye differences.

3. Once both adjustments are made, your binoculars are set for your eyes. For subsequent viewing, you will only need to use the central focus wheel to adjust for different distances.

OPERATING YOUR BINOCULARS

After completing the setup, your binoculars are ready for use. Simply raise them to your eyes and use the central focus wheel to bring your desired subject into sharp focus. The 8x magnification provides a clear view of distant objects, while the 42mm objective lenses gather ample light for bright images.

Recommended Uses

- **Hiking:** Observe wildlife and distant landscapes.
- **Hunting:** Spot game from a distance.

- **Bird Watching:** Identify various bird species in their natural habitat.
- **Travel:** Enhance sightseeing and exploration.

MAINTENANCE

Cleaning Lenses

When cleaning the lenses, use only the provided lens cloth or a soft, lint-free cloth. Gently wipe the lens surface to remove dust or smudges. For stubborn dirt, a small amount of lens cleaning fluid designed for optics can be applied to the cloth, not directly to the lens. Avoid using abrasive cloths, paper towels, or harsh chemicals, as these can scratch the lens coatings.

Storage

Store your binoculars in a cool, dry place when not in use. Always keep the lens covers on to protect the objective and eyepiece lenses from dust and scratches. The included carrying case provides additional protection during storage and transport.

Waterproof and Fogproof Care

These binoculars are IPX7 waterproof, meaning they can withstand submersion in 1 meter of water for 30 minutes. While designed for rugged conditions, it is recommended to wipe them dry after exposure to water. The fogproof construction prevents internal fogging due to temperature changes, but proper storage helps maintain this feature.

TROUBLESHOOTING

- **Blurry Image:** Ensure both the central focus wheel and the diopter adjustment ring are correctly set for your eyes and the distance to the object. Refer to the "Focusing" section.
- **Double Image:** Adjust the interpupillary distance (IPD) by moving the binocular barrels closer or further apart until a single, circular field of view is achieved. Refer to the "Adjusting Interpupillary Distance" section.
- **Limited Field of View (Black Rings):** If you wear eyeglasses, ensure the eyecups are twisted down. If not, ensure they are twisted up to the correct position for comfortable viewing.
- **Fogging:** While the binoculars are fogproof, extreme temperature changes can sometimes cause temporary external condensation. Allow the binoculars to acclimate to the ambient temperature, or gently wipe the exterior lenses with a cleaning cloth. Internal fogging indicates a potential seal issue; contact support if this occurs.

SPECIFICATIONS

Feature	Specification
Brand	Bushnell
Model Name	Explorer
Model Number	210842RB
Magnification	8x
Objective Lens Diameter	42 mm
Prism Type	Roof Prism (BaK4)

Lens Coating	Fully Multi-Coated
Water Resistance Level	IPX7 Waterproof
Special Feature	Waterproof and Fogproof Construction
Field of View	6.5 Degrees (Apparent Angle of View: 52 Degrees)
Eye Relief	20 mm
Exit Pupil Diameter	5.25 mm
Relative Brightness	5.25
Focus Type	Center Focus
Diopter Adjustment Range	+/-5 dioptres
Item Weight	560 Grams
Material	Aluminium, Glass, Rubber
UPC	029757019189

WARRANTY INFORMATION

Bushnell products are engineered to deliver reliable performance. For detailed information regarding the warranty coverage for your Bushnell Explorer 8x42 Binoculars, please refer to the warranty card included with your product or visit the official Bushnell website. Warranty terms typically cover defects in materials and workmanship.

CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact Bushnell customer support. You can find contact information, FAQs, and additional resources on the official Bushnell website:

[Visit Bushnell's Official Website](#)

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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.

Submit question