

Bushnell Engage EDX 8x42

Bushnell Engage EDX 8x42 Binoculars User Manual

Model: Engage EDX 8x42

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1. INTRODUCTION

Thank you for choosing the Bushnell Engage EDX 8x42 Binoculars. These binoculars are designed to provide clear and bright images for various outdoor activities such as bird watching, hiking, and hunting. Featuring ED Prime Glass, fully multi-coated optics, and Bushnell's exclusive EXO Barrier Lens Coating, the Engage EDX offers superior optical performance and durability in diverse environmental conditions.

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your binoculars to ensure optimal performance and longevity.

2. SETUP

2.1 Unpacking and Included Accessories

Carefully remove the binoculars and all accessories from the packaging. The package typically includes:

- Bushnell Engage EDX 8x42 Binoculars
- Carrying Case
- Neck Strap
- Objective Lens Caps
- Eyepiece Rainguard
- Lens Cleaning Cloth

2.2 Attaching the Neck Strap

Thread the ends of the neck strap through the strap lugs located on each side of the binocular body. Ensure the strap is securely fastened to prevent accidental drops.

2.3 Adjusting Eyecups

The Engage EDX binoculars feature twist-up eyecups. Adjust them to the desired position for comfortable viewing. If you

wear eyeglasses, twist the eyecups down completely. If you do not wear eyeglasses, twist them up to the fully extended position or to an intermediate position that provides a full field of view without vignetting.

2.4 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 bend the body to bring the two halves closer or further apart until you see a single, clear circular field of view. This adjustment ensures both eyes are looking through the optical centers of the eyepieces.



Image: Binoculars with barrels spread, illustrating interpupillary distance adjustment.

2.5 Focusing

Your binoculars have a central focus wheel and a diopter adjustment ring on the right eyepiece.

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. With both eyes open, the image should now be in focus. For subsequent viewing, use only the central focus wheel to adjust for different distances. The diopter setting should remain correct for your eyes unless adjusted.



Image: Rear view of binoculars highlighting the central focus wheel and the diopter adjustment ring on the right eyepiece.

3. OPERATING YOUR BINOCULARS

3.1 General Usage

Hold the binoculars steady with both hands. Bring them to your eyes and adjust the focus using the central focus wheel until your subject is clear. For extended viewing, consider resting your elbows on a stable surface or using a tripod adapter (sold separately) for maximum stability.



Image: Front view of the Bushnell Engage EDX 8x42 Binoculars, ready for observation.

3.2 Optical Performance Features

- **ED Prime Glass:** Provides exceptional color resolution and contrast, and virtually eliminates chromatic aberration and color fringing.
- **Fully Multi-Coated Optics:** Multiple layers of anti-reflective coating on all air-to-glass surfaces deliver bright, high-contrast images.
- **PC3 Phase Coating:** Applied to the prisms to enhance resolution and contrast.
- **Dielectric Prism Coating:** Ensures high light transmission across the entire visible spectrum for bright, true-to-life colors.

4. MAINTENANCE

4.1 Cleaning Lenses

To clean the lenses, first gently brush away any dust or debris with a soft brush or blow it off with compressed air. Then,

use the included lens cleaning cloth or a clean, soft cotton cloth, lightly moistened with lens cleaning fluid, to wipe the lenses in a circular motion. Avoid using abrasive cloths or excessive pressure, which can scratch the lens coatings.

4.2 EXO Barrier Lens Coating

Your Engage EDX binoculars feature Bushnell's exclusive EXO Barrier coating. This permanent, molecularly bonded coating repels water, oil, fog, dust, and debris, ensuring clear views even in adverse weather conditions. This coating requires minimal maintenance beyond gentle cleaning as described above.

4.3 Storage

When not in use, store your binoculars in their protective carrying case in a cool, dry place. Avoid storing them in direct sunlight or in areas with extreme temperature fluctuations.

5. TROUBLESHOOTING

5.1 Blurry Image

- Ensure the central focus wheel is adjusted correctly for your viewing distance.
- Verify the diopter setting on the right eyepiece is correctly set for your individual eye strength.
- Check that the eyecups are adjusted properly for your eyes (up for non-eyeglass wearers, down for eyeglass wearers).
- Clean the objective and eyepiece lenses for any smudges or dirt.

5.2 Double Image or Eye Strain

- Adjust the interpupillary distance (IPD) by bending the binocular body until a single, circular field of view is achieved.
- Re-adjust the diopter setting.

5.3 Fogging Lenses

- The binoculars are nitrogen-purged and O-ring sealed to prevent internal fogging. External fogging can occur in high humidity or rapid temperature changes. The EXO Barrier coating helps to repel moisture. Allow the binoculars to acclimate to the ambient temperature.
- Ensure lenses are clean, as dirt can attract moisture.

6. SPECIFICATIONS

Feature	Detail
Model	Engage EDX 8x42 (BEN842)
Magnification	8x
Objective Lens Diameter	42mm
Lens Coating	Fully Multi-Coated, EXO Barrier
Prism Type	Roof Prism with PC3 Phase Coating and Dielectric Coating
Glass Type	ED Prime Glass
Waterproof/Fogproof	Yes (Nitrogen Purged, O-ring Sealed)

Feature	Detail
Special Features	Lightweight, Locking Eyepiece Diopter
Specific Uses	Bird Watching, Hiking & Outdoors, Hunting

7. WARRANTY & SUPPORT

7.1 Bushnell All-Weather Guarantee

The Bushnell Engage EDX binoculars are backed by Bushnell's All-Weather Guarantee, ensuring reliable performance. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Bushnell website or the warranty card included with your product.

7.2 Customer Support

Should you encounter any issues or require assistance with your Bushnell Engage EDX binoculars, please visit the official Bushnell support website or contact their customer service department. Contact information can typically be found on the Bushnell website or in the product packaging.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

