Osprey Global 7-15x35

Osprey 7-15x35 Binocular Instruction Manual

Model: 7-15x35

Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The Osprey 7-15x35 Binocular is designed for versatile viewing, offering variable magnification from 7x to 15x and a 35mm objective lens diameter. It features fully multi-coated Hoya lenses for clear images and is constructed to be both waterproof and fog-proof, making it suitable for various outdoor conditions. This manual provides instructions for proper setup, operation, and maintenance to ensure optimal performance and longevity of your binocular.



Image 1.1: Front view of the Osprey 7-15x35 Binocular, showing the objective lenses and focus wheel.

2. Setup and Initial Adjustments

2.1 Unpacking

Carefully remove the binocular and all accessories from the packaging. Verify that all components are present: the binocular, carrying case, and lens covers.



Image 2.1: The Osprey 7-15x35 Binocular shown with its protective carrying case and original packaging.

2.2 Attaching the Neck Strap

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

2.3 Adjusting Interpupillary Distance (IPD)

Hold the binocular up to your eyes. Adjust the distance between the two barrels by moving them closer together or further apart until you see a single, clear circular field of view. This ensures both eyes are aligned with the optical path.



Image 2.2: Top view of the binocular, illustrating the adjustable barrels for interpupillary distance.

2.4 Diopter Adjustment

1. Close your right eye or cover the right objective lens.
2. Look through the binocular with your left eye at a distant object. Rotate the central focus wheel until the image is sharp and clear.
3. Close your left eye or cover the left objective lens.
4. Look through the binocular with your right eye. Without touching the central focus wheel, rotate the diopter adjustment ring (usually on the right eyepiece) until the image is sharp.
5. Your binocular is now adjusted for your individual eyesight. From now on, use only the central focus wheel for focusing.



Image 2.3: Rear view of the binocular, highlighting the eyepieces and the diopter adjustment ring on the right eyepiece.

3. Operation

3.1 Focusing

Once the diopter is set, use the central focus wheel to bring objects at various distances into sharp focus. Turn the wheel slowly for precise adjustments.



Image 3.1: Angled view of the binocular, indicating the position of the central focus wheel.

3.2 Zooming (Variable Magnification)

This binocular features a variable magnification range from 7x to 15x. To adjust the magnification, locate the zoom lever or ring (typically near the right eyepiece or on the central axis) and rotate it to your desired magnification level. As you change magnification, you may need to slightly re-adjust the central focus wheel for optimal clarity.



Image 3.2: View of the binocular, illustrating the zoom adjustment mechanism.

3.3 Understanding Magnification and Objective Lens

- **Magnification (7-15x):** The first number indicates how many times closer an object appears. For example, 7x means an object appears 7 times closer than with the naked eye.
- **Objective Lens Diameter (35mm):** The second number (35mm) refers to the diameter of the front lenses. Larger objective

lenses gather more light, resulting in brighter images, especially in low-light conditions.

4. Care and Maintenance

4.1 Cleaning Lenses

To clean the lenses, first use a soft brush or compressed air to remove any dust or debris. Then, gently wipe the lenses with a clean, soft microfiber cloth specifically designed for optics. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
Caution: *Avoid using abrasive cloths, paper towels, or harsh chemicals, as these can scratch or damage the lens coatings.*

4.2 Storage

When not in use, store the binocular in its protective carrying case in a cool, dry place. Ensure lens caps are in place to protect the lenses from dust and scratches.

4.3 Waterproof and Fog-Proof Features

This binocular is designed to be waterproof and fog-proof. While it can withstand exposure to moisture, avoid submerging it in water. If the binocular gets wet, wipe it dry with a soft cloth. Do not attempt to disassemble the binocular, as this will compromise its waterproof and fog-proof seals.

5. Troubleshooting

Problem	Possible Cause	Solution
Image is blurry or out of focus.	Improper focus adjustment; diopter not set correctly.	Adjust the central focus wheel. Re-perform diopter adjustment (Section 2.4).
Two overlapping images or difficulty seeing a single image.	Interpupillary distance (IPD) is incorrect.	Adjust the distance between the binocular barrels until a single circular field of view is achieved (Section 2.3).
Dark spots or dust visible in the field of view.	Dust or debris on the objective or eyepiece lenses.	Clean the lenses carefully as described in Section 4.1.
Fogging inside the lenses.	Extreme temperature changes or compromised seals.	Allow the binocular to accustom to the ambient temperature. If fogging persists, contact customer support.

6. Specifications

Feature	Detail
Brand	Osprey Global
Model Name	7-15x35 Binocular
Magnification	7-15x (Variable)
Objective Lens Diameter	35 mm
Exit Pupil	5 mm
Eye Relief	18 mm

Feature	Detail
Field of View (at 1000 yards)	288 ft (at 7x magnification)
Prism Type	Porro Prism
Lens Coating	Fully Multi-Coated Hoya Lenses
Water Resistance Level	Waterproof
Special Features	Fog Proof
Focus Type	Center Focus
Material	Aluminum

7. Warranty and Support

7.1 Warranty Information

For specific warranty details regarding your Osprey 7-15x35 Binocular, please refer to the warranty card included with your product or visit the official Osprey Global website. Warranty coverage typically includes defects in materials and workmanship under normal use.

7.2 Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Osprey Global customer support. Contact information can usually be found on the product packaging, the official website, or the warranty documentation.
For online support, visit: Osprey Global Store on Amazon

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