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> Opticron Explorer WA ED-R 10x42 Monocular User Manual

Opticron 30786

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Brand: Opticron | Model: 30786

INTRODUCTION

The Opticron Explorer WA ED-R 10x42 Monocular is a compact, high-quality field instrument designed for clear and vibrant observation. It features wide-field ED optics and advanced multi-coatings to enhance light transmission and color contrast, making it ideal for various outdoor activities.

SAFETY INFORMATION

- Do not look directly at the sun through the monocular, as this can cause severe and permanent eye damage.
- Keep the monocular away from extreme temperatures and direct sunlight for prolonged periods to prevent damage to optical components.
- Store the monocular in its protective case when not in use to prevent scratches and impacts.
- Keep out of reach of small children to prevent accidental ingestion of small parts.

WHAT'S IN THE BOX

- Opticron Explorer WA ED-R 10x42 Monocular
- Protective Case
- Neck Strap
- Lens Cover

PRODUCT OVERVIEW AND COMPONENTS

The Opticron Explorer WA ED-R 10x42 Monocular is engineered for durability and optical performance. Key features include a high-quality roof prism design with ED glass objective and PC phase corrected prism with R-type high light transmission multi-coating for superior image clarity and color fidelity. The monocular is also nitrogen waterproof, ensuring reliable performance in various weather conditions.



Front view of the Opticron Explorer WA ED-R 10x42 Monocular, highlighting its compact design and objective lens.



Side view of the monocular, showing the 'Opticron Explorer Wide Angle' branding and textured grip area.



Angled view of the monocular, focusing on the eyepiece and its multi-stage retractable eyecup.

SETUP

1. **Unpacking:** Carefully remove the monocular and all accessories from the packaging.
2. **Attach Neck Strap:** Securely attach the provided neck strap to the monocular's strap loops.
3. **Eyecup Adjustment:** The monocular features a multi-stage retractable eyecup. Rotate or pull the eyecup to the desired position for comfortable viewing. If you wear spectacles, you may prefer to keep the eyecup fully retracted to utilize the long eye relief.
4. **Remove Lens Covers:** Remove the objective lens cover and the eyepiece cover before use.

OPERATING INSTRUCTIONS

Using your Opticron Explorer monocular is straightforward. Follow these steps for optimal viewing:

1. **Holding the Monocular:** Hold the monocular firmly in one hand. For increased stability, brace your arm against your body or a stable surface.
2. **Aiming:** Point the objective lens (the larger lens) towards the object you wish to observe.
3. **Focusing:** Look through the eyepiece (the smaller lens). Rotate the smooth action wide wheel focusing mechanism until the image appears sharp and clear. The monocular offers close focus down to 1.9m (6.2ft).
4. **Eyecup Position:** Adjust the multi-stage retractable eyecup to achieve a full field of view without vignetting. Spectacle wearers will benefit from the long eye relief by keeping the eyecup retracted.



A user observing a distant landscape with the Opticron Explorer WA ED-R 10x42 Monocular, demonstrating typical usage.

MAINTENANCE AND CARE

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for optical lenses. For stubborn smudges, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.
- **Cleaning Body:** Wipe the body of the monocular with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Waterproof Feature:** The monocular is nitrogen waterproof. While it can withstand exposure to water, it is recommended to wipe it dry after contact with moisture to prevent water spots and maintain its appearance.
- **Storage:** Store the monocular in its protective case in a cool, dry place when not in use. Avoid storing in areas with high humidity or extreme temperature fluctuations.
- **Avoid Impact:** Protect the monocular from drops and impacts, which can damage the internal optical components.



The monocular shown partially submerged in water, illustrating its nitrogen waterproof construction.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurred Image	Incorrect focus; dirty lenses.	Adjust the focus wheel. Clean the objective and eyepiece lenses with a proper lens cloth.
Dark or Obstructed View	Lens caps still on; eyecup not adjusted correctly.	Ensure both lens caps are removed. Adjust the multi-stage eyecup to the correct position for your eye.
Image Appears Shaky	Unsteady hand.	Brace your arm against your body or a stable surface. For prolonged viewing, consider using a tripod (monocular has tripod mount capability).
Internal Fogging	Rapid temperature change (unlikely due to nitrogen purging, but possible if seal is compromised).	Allow the monocular to acclimate to the ambient temperature. If fogging persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	Opticron
Model Name	Explorer WA ED-R 10x42
Item Model Number	30786
Product Dimensions	1.9 x 2.1 x 5.4 inches (4.8 x 5.3 x 13.7 cm)
Item Weight	11.3 ounces (320 grams)
Objective Lens Diameter	42 Millimeters
Eye Piece Lens Description	Wide-angle eyepiece with multi-stage retractable eyecup
Focus Type	Fixed Focus (Note: Refers to objective lens, user adjusts via focus wheel)
Close Focus	1.9m / 6.2ft

Feature	Detail
Telescope Mount Description	Tripod Mount
Country of Origin	China

WARRANTY AND SUPPORT

Opticron products are manufactured to high standards and are designed for durability. For specific warranty details, please refer to the warranty card included with your product or visit the official Opticron website. In case of any issues or for technical support, please contact Opticron customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

For more information, visit: www.opticron.co.uk