TASCO 168125

Tasco Essentials 10x25mm Roof Prism Binoculars User Manual

Model: 168125

Introduction

Thank you for choosing the Tasco Essentials 10x25mm Roof Prism Binoculars. These compact and powerful binoculars are designed for clear and bright viewing, making them ideal for a variety of outdoor activities such as bird watching, sporting events, and general observation. Featuring 10x magnification and 25mm objective lenses, they offer a wide field of view and are built with weather-resistant construction for reliable performance.

Getting Started

Unpacking

Carefully remove the binoculars and any accessories from the packaging. Ensure all components are present: binoculars, carrying case, neck strap, and lens cleaning cloth.

Adjusting Interpupillary Distance

The interpupillary distance (the distance between the centers of your pupils) varies from person to person. To achieve a single, clear circular field of view, hold the binoculars up to your eyes and adjust the hinge between the two barrels until you see a single, merged image. This adjustment ensures comfortable viewing and prevents eye strain.



Image: Tasco Essentials Binoculars shown in a folded position, illustrating the adjustable hinge for interpupillary distance.

Focusing

1. **Center Focus Wheel:** While looking through the binoculars, use the central focus wheel to bring the image into sharp focus.
2. **Diopter Adjustment:** For precise focusing, especially if you have different vision in each eye, use the diopter adjustment ring (usually on the right eyepiece). Close your right eye and focus on a distant object using only your left eye and the central focus wheel. Once the left eye is in focus, close your left eye and adjust the diopter ring (on the right eyepiece) until the image is sharp for your right eye. From then on, you will only need to use the central focus wheel for general focusing.



Image: Front view of the Tasco Essentials Binoculars, highlighting the central focus wheel and eyepieces.

Operation

Viewing

Once adjusted and focused, hold the binoculars steady and enjoy your magnified view. For extended viewing, consider resting your elbows on a stable surface or using a tripod adapter (not included) for maximum stability.



Image: A person using binoculars outdoors, demonstrating typical use for observation.

Neck Strap Attachment

Attach the provided neck strap to the strap lugs on the binoculars. Ensure it is securely fastened to prevent accidental drops. The neck strap allows for convenient carrying and quick access to your binoculars.



Image: Tasco Essentials Binoculars with the black neck strap attached, ready for use.

Product Overview Video

Video: Official product overview video demonstrating the compact size, powerful magnification, and weather-resistant features of the Tasco Essentials 10x25mm Binoculars.

Maintenance

Cleaning Lenses

To clean the lenses, use the provided lens cleaning cloth or a soft, lint-free cloth. For stubborn smudges, 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 or harsh chemicals, as these can damage the lens coatings.

Storage

When not in use, store your binoculars in their protective carrying case in a cool, dry place. Avoid exposing them to extreme temperatures or high humidity for prolonged periods, as this can affect performance and longevity.

Troubleshooting

Problem	Possible Cause	Solution
Image is blurry	Improper focus or interpupillary distance.	Adjust the central focus wheel and diopter. Ensure interpupillary distance is set correctly.
Double image or eye strain	Interpupillary distance is not set correctly.	Adjust the hinge until a single, circular field of view is achieved.
Dust or smudges on lenses	Lenses are dirty.	Clean lenses with a soft, lint-free cloth or lens cleaning fluid.

Specifications

Feature	Detail
Magnification	10x
Objective Lens Diameter	25mm
Field of View	300 ft at 1000 yards (approx.)
Prism Type	Roof Prism
Optics Coating	Multi-Coated
Weight	300 Grams (approx. 0.66 lbs)
Dimensions (LxWxH)	5 x 4 x 3 inches (approx.)
Color	Black
Material	Synthetic

Warranty and Support

Tasco Essentials Binoculars come with a manufacturer's warranty. Please refer to the warranty information provided with your product for specific terms and conditions. For further assistance, technical support, or warranty claims, please contact Tasco customer service.

An official User Manual (PDF) is also available for download: Download User Manual

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