TASCO ES16X32

Tasco 16x32 Black Roof MC Binoculars Instruction Manual

Model: ES16X32

Introduction

Thank you for choosing Tasco 16x32 Black Roof MC Binoculars. These binoculars are designed for clear and bright viewing, featuring multi-coated lenses and a durable, weather-resistant housing. This manual provides essential information for the proper setup, operation, and maintenance of your binoculars to ensure optimal performance and longevity.



Image: The Tasco 16x32 Black Roof MC Binoculars, showcasing their compact design.

Product Overview

Key Features:

- 16 times magnification and a 32mm objective lens for detailed viewing.
- Multi-coated lenses for enhanced clarity and brightness.
- 185' field of view at 1000 yards and 9mm eye relief for comfortable observation.
- Lightweight design, weighing approximately 10.22 ounces (290g).
- Durable, weather-resistant housing with rubber armor.

What's in the Box:

- 1x Tasco 16x32 Black Roof MC Binoculars
- 1x Carrying Case
- 1x Neck Strap
- 1x Lens Cleaning Cloth



Image: The Tasco 16x32 Binoculars shown with its included carrying case and cleaning cloth.

Setup

1. **Attach the Neck Strap:** Securely attach the provided neck strap to the strap lugs on the binoculars. Ensure both ends are firmly fastened to prevent accidental drops.
2. **Adjust Interpupillary Distance (IPD):** Hold the binoculars up to your eyes. Adjust the hinge 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.
3. **Diopter Adjustment:**
    - Close your right eye.
    - Look through the left eyepiece (without the diopter ring) and rotate the central focus wheel until the image is sharp and clear.
    - Close your left eye.
    - Look through the right eyepiece (with the diopter ring) and rotate the diopter ring until the image is sharp and clear. Do not adjust the central focus wheel during this step.
    - Your binoculars are now adjusted for your individual eyesight.



Image: A detailed view of the central focus wheel and the right eyepiece with its diopter adjustment ring.

Operating Instructions

1. **Focusing:** Once the interpupillary distance and diopter are set, use the central focus wheel to bring distant objects into sharp focus. For new objects at different distances, only the central focus wheel needs to be adjusted.
2. **Viewing:** Hold the binoculars steady. For extended viewing, consider resting your elbows on a stable surface or using a tripod adapter (not included) to minimize hand shake, especially with 16x magnification.
3. **Eyecups:** If you wear eyeglasses, twist down or fold back the eyecups to achieve a full field of view. If you do not wear eyeglasses, keep the eyecups in the up position.



Image: A person using the Tasco 16x32 Binoculars to observe a distant landscape.

Product Overview Video:

Your browser does not support the video tag.

Video: An official product overview video demonstrating the features and compact nature of the Tasco 16x32 Binoculars.

Maintenance

- **Cleaning Lenses:** Use the provided lens cleaning cloth or a soft, lint-free cloth. For stubborn spots, a small amount of lens cleaning fluid designed for optics can be applied to the cloth, not directly to the lens. Avoid abrasive materials or excessive rubbing.
- **Cleaning Body:** Wipe the body of the binoculars with a soft, clean cloth. For dirt or smudges, a slightly damp cloth can be used, followed by a dry cloth.
- **Storage:** Store your binoculars in a cool, dry place, preferably in their carrying case, when not in use. Avoid extreme temperatures and high humidity. Do not store in direct sunlight.
- **Water Resistance:** These binoculars are waterproof. However, prolonged submersion is not recommended. If they get wet, wipe them dry as soon as possible.

Troubleshooting

- **Blurry Image:** Ensure the central focus wheel is properly adjusted for your viewing distance. Re-check the diopter setting for your right eye. Verify that the interpupillary distance is correctly set for a single, circular field of view.
- **Double Image:** This usually indicates incorrect interpupillary distance. Adjust the hinge until the two images merge into one.
- **Difficulty Focusing:** Make sure the lenses are clean and free from smudges or debris. If the diopter adjustment is incorrect, it can affect overall focus. Re-perform the diopter adjustment steps.
- **Limited Field of View:** If you wear eyeglasses, ensure the eyecups are twisted down or folded back completely.

Specifications

Feature	Specification

Brand	TASCO
Model Name	ES16X32
Magnification Maximum	16x
Objective Lens Diameter	32 millimeters
Field of View	185 feet at 1000 yards (equivalent to 61.6 meters at 1000 meters)
Eye Relief	9 millimeters
Prism Type	Roof Prism
Coating	Multi-Coated
Water Resistance Level	Waterproof
Focus Type	Manual
Item Weight	10.22 ounces (290 g)
Color	Black

Warranty and Support

Tasco products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Tasco website. If you encounter any issues or require technical assistance, please contact Tasco customer support through their official channels.

For additional information and support, you may visit theTasco Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

Details

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