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**Canon 4624A002**

# Canon 18x50 Image Stabilization All-Weather Binoculars

MODEL: 4624A002

## Introduction

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The Canon 18x50 Image Stabilization All-Weather Binoculars are designed for high-power viewing in various conditions. Featuring 50mm objective lenses and 18x magnification, these binoculars offer enhanced image brightness, clarity, and ergonomic design. The built-in Image Stabilizer helps reduce shake for a steady view.



Figure 1: Front view of the Canon 18x50 Image Stabilization All-Weather Binoculars.

### Key Features:

- 18x magnification for distant viewing.
- Built-in optical image stabilization, powered by 2 AA batteries.
- Wide, extra-bright field of view for optimal observation.
- Multi-coated lenses for improved contrast, clarity, and color fidelity.
- Shock and water-resistant design for all-weather use.

## Setup

### 1. Battery Installation

The Image Stabilization feature requires two AA batteries. Locate the battery compartment, typically on the underside or side of the binoculars, and insert the batteries according to the polarity indicators.

### 2. Attaching the Neck Strap

Attach the included neck strap to the strap lugs on the binoculars. Ensure the strap is securely fastened to prevent accidental drops.

### 3. Adjusting Interpupillary Distance

Hold the binoculars up to your eyes and adjust the distance between the two barrels until you see a single, circular field of view. This sets the interpupillary distance to match your eyes.

### 4. Diopter Adjustment

To compensate for differences in vision between your left and right eyes, use the diopter adjustment ring

(usually on the right eyepiece). Look through the binoculars at a distant object, first closing your right eye and focusing with your left eye using the central focus wheel. Then, close your left eye and adjust the diopter ring with your right eye until the image is sharp. The diopter adjustment range is +/-5 diopters.



Figure 2: Side view illustrating the controls and battery compartment area.

## Operating

### 1. Focusing

After adjusting the interpupillary distance and diopter, use the central focus wheel to bring distant objects into sharp focus. These binoculars feature manual focus for precise control.

### 2. Activating Image Stabilization (IS)

Press the Image Stabilizer button (typically located on the top or side of the binoculars) to activate the optical image stabilization. A green indicator light will illuminate, confirming that the gyroscope is active. The IS system will automatically turn off after a period of inactivity to conserve battery life.

### 3. All-Weather Use

These binoculars are designed to be water-resistant and shock-resistant, making them suitable for use in various outdoor conditions. While they can withstand splashes and light rain, they are not intended for submersion in water.

### 4. Tripod Mounting

For extended viewing sessions or to achieve maximum stability, the binoculars can be mounted to a tripod using the integrated tripod adapter socket. This is particularly useful for high-magnification viewing or in low-light conditions.

## Maintenance

## 1. Cleaning the Lenses

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe away dust or smudges. For stubborn marks, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens. Avoid abrasive materials that could scratch the multi-coated lenses.

## 2. Body Cleaning

Wipe the body of the binoculars with a soft, damp cloth. Do not use harsh chemicals or solvents.

## 3. Storage

When not in use, store the binoculars in their soft case in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.

## 4. Lens Protection

Consider using 58mm UV filters on the objective lenses for added protection against physical damage and to preserve the lens coatings.



Figure 3: Angled view highlighting the objective lenses.

## Troubleshooting

- **Blurred Image:** Check focus adjustment, diopter setting, and ensure Image Stabilization is active if needed.
- **Image Stabilization Not Working:** Verify batteries are correctly installed and have sufficient charge.
- **No Power:** Ensure batteries are inserted correctly and are not depleted.
- **Fogging:** Allow binoculars to acclimate to ambient temperature to prevent internal fogging. Store in a dry environment.

## Specifications

Feature	Specification
Brand	Canon
Model Name	4624A002
Magnification Maximum	18 x
Objective Lens Diameter	50 Millimeters
Special Feature	All Weather, Image Stabilization
Eye Relief	15 Millimeters
Exit-Pupil Diameter	2.8 Millimeters
Field of View	7.5 Degrees
Focus Type	Fixed Focus, Individual Focus
Focus Description	Manual Focus
Diopter Adjustment Range	+/-5 diopters
Water Resistance Level	Water Resistant
Coating	Multi-Coated
Prism Type	Porro Prism
Item Weight	4.1 Pounds
Item Dimensions L x W x H	11"L x 10"W x 5"H
Color	Black
Enclosure Material	Aluminum/Polycarbonate (Body), Rubber (Exterior Protection), Glass/Plastic (Lenses)

## Warranty and Support

This product comes with a **1-Year Warranty**. Please note that the warranty does not cover misuse of the product.

For further support or inquiries, please refer to the official Canon support channels or visit their website.