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Bushnell Pacifica 10x50 Porro Prism Binoculars Instruction Manual

Model: 211050

INTRODUCTION

Thank you for choosing the Bushnell Pacifica 10x50 Porro Prism Binoculars. This manual provides essential information for the proper setup, operation, and maintenance of your binoculars, ensuring optimal performance and longevity. The Pacifica series is designed for versatility, offering clear views for nature observation, sporting events, and bird watching.

PRODUCT OVERVIEW

The Bushnell Pacifica 10x50 binoculars feature a robust design with a protective rubber coating, enhancing durability and providing a secure grip. The optical system includes coated lenses for improved light transmission, brightness, and sharp image clarity with natural color rendition.

Included Components:

- Bushnell Pacifica 10x50 Binoculars
- Carrying Case
- Neck Strap
- Objective Lens Covers
- Eyepiece Rain Guard (Lens Covers)
- Cleaning Cloth



Figure 1: Bushnell Pacifica 10x50 binoculars with included accessories: carrying case, neck strap, lens covers, and cleaning cloth.

SETUP

1. Attaching the Neck Strap

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

2. Adjusting Eyecups

The eyecups can be adjusted for comfortable viewing, whether you wear eyeglasses or not.

- **For Eyeglass Wearers:** Keep the eyecups in the down (retracted) position. This allows your eyes to be closer to the binocular lenses, providing a full field of view.
- **For Non-Eyeglass Wearers:** Rotate or extend the eyecups upwards. This positions your eyes at the optimal distance from the eyepieces.

3. Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. To match this to your binoculars:

1. Hold the binoculars up to your eyes and look through them at a distant object.
2. 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. If you see two overlapping circles, continue adjusting until they merge into one.

4. Focusing

Your Bushnell Pacifica binoculars feature a central focus wheel and a diopter adjustment for precise focusing.

1. First, cover the right objective lens (the large lens at the front) with your hand or the objective lens cap.
2. Look through the binoculars with your left eye at a distant object. Rotate the central focus wheel until the image is sharp and clear for your left eye.
3. Now, uncover the right objective lens and cover the left objective lens.
4. Look through the binoculars with your right eye at the same distant object. Rotate the diopter adjustment ring (usually located on the right eyepiece) until the image is sharp and clear for your right eye.
5. Once both eyes are individually focused, you can use the central focus wheel to adjust focus for objects at varying distances. The diopter setting should remain constant for your eyes unless another user adjusts it.



Figure 2: Close-up view of the central focus wheel for easy adjustment.

OPERATING INSTRUCTIONS

With your binoculars properly set up, you are ready to observe. Hold the binoculars steady and use the central focus wheel to bring your desired subject into sharp focus. For extended viewing, consider using a tripod adapter (sold separately) to attach your binoculars to a tripod, which can reduce hand shake and provide a more stable image, especially at 10x magnification.



Figure 3: Front view of the Bushnell Pacifica 10x50 binoculars in use.

MAINTENANCE AND CARE

Proper care will ensure your Bushnell Pacifica binoculars provide years of reliable service.

Cleaning Lenses:

- Always use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses.
- Gently brush away any dust or debris from the lens surface before wiping.
- For stubborn smudges or fingerprints, apply a small amount of optical lens cleaning fluid to the cloth, not directly to the lens.
- Avoid using abrasive cloths, paper towels, or harsh chemicals, as these can scratch or damage the lens coatings.

Storage:

- Store your binoculars in their protective carrying case when not in use.
- Keep them in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing them in areas with high humidity, which can lead to mold growth on the lenses.

General Care:

- The rubber armor provides protection against minor impacts and dirt. The surface can be wiped clean with a damp cloth.
- Do not attempt to disassemble the binoculars, as this will void the warranty and can cause damage.

TROUBLESHOOTING

If you encounter issues with your binoculars, refer to the following common solutions:

Blurry or Unclear Image:

- Ensure both the central focus wheel and the diopter adjustment are correctly set for your eyes and the viewing distance. Refer to the "Focusing" section under Setup.
- Check if the objective lenses or eyepieces are dirty. Clean them carefully as described in the "Maintenance and Care" section.
- Verify that the eyecups are correctly positioned for your viewing preference (up for non-eyeglass wearers, down for eyeglass wearers).

Double Image or Two Overlapping Circles:

- Adjust the interpupillary distance (IPD) by moving the binocular barrels closer together or further apart until a single, circular field of view is achieved.

Difficulty Focusing:

- Ensure the focus wheel moves smoothly. If it feels stiff, it may require professional servicing.
- Confirm you are attempting to focus on an object within the binocular's minimum focus distance.

If these steps do not resolve the issue, please contact Bushnell customer support for further assistance.

SPECIFICATIONS

Model Number	211050
Magnification	10x
Objective Lens Diameter	50 mm
Prism Type	Porro Prism
Item Weight	2.18 pounds (approx. 0.99 kg)
Special Feature	Compact Design
Age Range (Description)	Adult
Manufacturer	Bushnell

WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Bushnell website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Bushnell Website: www.bushnell.com

