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BOSSDUN BOSSDUN-0052-2

BOSSDUN 20x50 Binoculars User Manual

Model: BOSSDUN-0052-2

INTRODUCTION

This manual provides instructions for the proper use and care of your BOSSDUN 20x50 Binoculars. These binoculars are designed for various outdoor activities, including bird watching, hunting, travel, and general observation. They feature 20x magnification, 50mm objective lenses, and are constructed with waterproof materials and HD optical components for clear viewing.

PACKAGE CONTENTS

Before proceeding with setup, please ensure all items are present in the package:

- BOSSDUN 20x50 Binoculars
- Carrying Bag
- Neck Strap
- Lens Caps (Objective and Eyepiece)
- Cleaning Cloth
- User Manual



Image: Binoculars and accessories as packaged.

SETUP

- 1. Attach Neck Strap:** Thread the neck strap through the strap lugs on the sides of the binoculars. Ensure it is securely fastened to prevent accidental drops.
- 2. Adjust Eyecups:**
 - For users **without** eyeglasses: Twist the eyecups counter-clockwise until they are fully extended. This positions your eyes at the optimal distance from the eyepieces.
 - For users **with** eyeglasses: Keep the eyecups in their retracted (down) position. This allows your eyeglasses to be closer to the eyepieces for a full field of view.
- 3. Adjust Interpupillary Distance (IPD):** Hold the binoculars with both hands and look through them. Bend the binoculars at the hinge until you see a single, clear circular field of view. This adjusts the distance between the eyepieces to match the distance between your pupils.

OPERATING INSTRUCTIONS

- 1. Initial Focusing:**

- Close your right eye and look through the left eyepiece. Rotate the central focus wheel until the image in the left eyepiece is sharp and clear.
- Close your left eye and look through the right eyepiece. Rotate the diopter adjustment ring (usually on the right eyepiece) until the image is sharp and clear.
- Now, with both eyes open, use only the central focus wheel to adjust focus for different distances. The diopter setting should remain constant for your vision.



Image: User operating the binoculars.

2. **Viewing Distant Objects:** The 20x magnification allows for detailed observation of objects up to 1000 yards away. For best results, hold the binoculars steady or use a tripod adapter (not included) for extended viewing periods.



Image: Example of distant viewing at 1000 yards.



Image: Detailed view of a deer at a distance.

3. **Low Light Performance:** These binoculars are designed with features that enhance viewing in low light conditions, such as dawn or dusk. They do not provide active night vision in complete darkness.
4. **Waterproof Feature:** The binoculars are constructed to be waterproof, protecting them from rain and splashes. Avoid submerging them in water for extended periods.

MAINTENANCE

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optics. Gently wipe the lens surfaces. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens. Avoid touching the lens surfaces with your fingers.
- **Cleaning Body:** Wipe the body of the binoculars with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the binoculars in their carrying bag in a cool, dry place when not in use. Avoid extreme temperatures and high humidity. Ensure lens caps are in place to protect the lenses from dust and scratches.
- **Handling:** Always handle the binoculars with care. Avoid dropping them or subjecting them to strong impacts, as this can affect optical alignment.

TROUBLESHOOTING

- **Blurry Image:** Ensure both the central focus wheel and the diopter adjustment are correctly set for your vision. Check that the eyecups are in the correct position (extended for non-eyeglass wearers, retracted for eyeglass wearers).
- **Double Image:** Adjust the interpupillary distance (IPD) by bending the binoculars at the hinge until a single circular field of view is achieved.
- **Difficulty Focusing:** Ensure lenses are clean and free from smudges or dust. If the issue persists, contact customer support.
- **Limited Field of View:** Ensure eyecups are correctly adjusted for your use (extended or retracted).

SPECIFICATIONS



Image: Optical components including BAK4 prism and HD lens.

Feature	Description
Model Number	BOSSDUN-0052-2
Magnification	20x
Objective Lens Diameter	50 mm
Special Feature	Low Light Night Vision (Enhanced low light performance)
Prism Type	BAK4 Porro Prism
Lens Coating	Multilayer-coated
Waterproof	Yes
Item Weight	2.38 pounds (1.08 kg)
Package Dimensions	8.19 x 8.15 x 3.39 inches
Specific Uses	Hunting, Shooting, Sports, Travel, Hiking, Outdoors

WARRANTY INFORMATION

For specific warranty details, please refer to the warranty card included with your product or contact BOSSDUN customer support directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

SUPPORT

If you encounter any issues or have questions regarding your BOSSDUN 20x50 Binoculars that are not addressed in this manual, please contact BOSSDUN customer support. Contact information can usually be found on the product packaging, the official BOSSDUN website, or through your retailer.