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› Bushnell Spectator Sport 10x40 Binoculars Instruction Manual

Bushnell BS11040

Bushnell Spectator Sport 10x40 Binoculars Instruction Manual

Model: BS11040

INTRODUCTION

Thank you for choosing the Bushnell Spectator Sport 10x40 Binoculars. These binoculars are designed to provide a clear and bright viewing experience with a classic roof-prism design and 10x magnification. Featuring PermaFocus Technology, distant objects remain permanently in focus, eliminating the need for constant adjustment. The binoculars are also equipped with Nitrogen Purged Fog-Proofing to prevent internal fogging due to humidity or rapid temperature changes, and Multi-Coated Optics to enhance light transmission and image brightness.

This manual provides essential information for the proper setup, operation, and maintenance of your binoculars to ensure optimal performance and longevity.

PACKAGE CONTENTS

- Bushnell Spectator Sport 10x40 Binoculars
- Neck Strap
- Carrying Case
- Lens Cloth
- Interchangeable Accent Tiles (Grey, Orange, White, Blue, Black)

SETUP

1. Attaching the Neck Strap

Thread the ends of the neck strap through the strap lugs on the sides of the binoculars. Ensure the strap is securely fastened before use to prevent accidental drops.

2. Adjusting Interpupillary Distance (IPD)

The interpupillary distance is the distance between the centers of your pupils. To adjust, hold the binoculars firmly and move the two barrels closer together or further apart until you see a single, clear circular field of view. This adjustment is crucial for comfortable viewing and to avoid eye strain.



Image: Angled view of the Bushnell Spectator Sport 10x40 Binoculars, showing the general design and barrels that can be adjusted for interpupillary distance.

3. Eyecup Adjustment

Your Bushnell Spectator Sport binoculars feature twist-up eyecups. If you wear eyeglasses, twist the eyecups down to their lowest position. This allows your eyes to be closer to the ocular lenses, providing a full field of view. If you do not wear eyeglasses, twist the eyecups up to the desired height for comfortable viewing without vignetting.

4. Diopter Adjustment (for PermaFocus models)

While the PermaFocus system keeps distant objects in focus without manual adjustment, a diopter adjustment is available to compensate for differences in vision between your left and right eyes. This adjustment is typically found on the right eyepiece. To set it:

1. Cover the right objective lens (front lens) with your hand.
2. Look through the binoculars with your left eye at a distant object.
3. If the image is not clear, rotate the diopter ring (usually on the right eyepiece) until the image is sharp for your left eye.
4. Once set, the PermaFocus system will maintain focus for distant objects.



Image: Front view of the Bushnell Spectator Sport 10x40 Binoculars, showing the objective lenses and the overall compact design.

OPERATING INSTRUCTIONS

Viewing with PermaFocus Technology

The Bushnell Spectator Sport binoculars feature PermaFocus Technology, which means they are designed to keep distant objects permanently in focus without the need for a central focusing wheel. Once the initial diopter adjustment (if needed) is made, simply raise the binoculars to your eyes and enjoy the view. This feature is ideal for fast-moving action where quick focus is essential, such as sporting events or wildlife observation.



Image: Logo indicating "PermaFocus Focus Free Technology". This feature ensures distant objects remain in focus without manual adjustment.

Interchangeable Accent Tiles

Your binoculars come with interchangeable accent tiles, allowing you to customize their appearance. To change the tiles, gently pry off the existing tiles and snap the new ones into place. Ensure they are securely seated.



Image: A collection of Bushnell Spectator Sport binoculars featuring different colored accent tiles (red, white, blue, black), demonstrating the customizable design.

MAINTENANCE

Cleaning Lenses

When cleaning the lenses, use only the provided lens cloth or a soft, lint-free cloth. Gently wipe the lens surface to remove dust and smudges. For stubborn dirt or fingerprints, a small amount of lens cleaning fluid designed for optical surfaces can be applied to the cloth, not directly to the lens. Avoid excessive rubbing, which can scratch the lens coating.

Storage

Store your binoculars in a cool, dry place when not in use. The included carrying case provides protection from dust and minor impacts. Avoid storing in direct sunlight or areas with high humidity.

Water Resistance and Fog-Proofing

These binoculars are IPX4 water-resistant, meaning they are protected against splashing water from any direction. They are also nitrogen-purged, which prevents internal fogging of the optical surfaces due to rapid temperature changes or humidity. While water-resistant, they are not designed for submersion.

TROUBLESHOOTING

- **Blurred Image:**

Ensure the interpupillary distance is correctly set for your eyes. If you wear glasses, make sure the eyecups are twisted down. If the image is still blurry for one eye, re-check the diopter adjustment.

- **Double Image:**

This usually indicates incorrect interpupillary distance. Adjust the barrels until a single, circular field of view is achieved.

- **Internal Fogging:**

Your binoculars are nitrogen-purged to prevent internal fogging. If internal fogging occurs, it may indicate a seal compromise. Contact customer support for assistance.

- **Difficulty Seeing Distant Objects Clearly:**

The PermaFocus system is designed for distant objects. For very close objects, these binoculars may not provide a sharp image. Ensure you are viewing objects within the intended focus range.

SPECIFICATIONS

Feature	Specification
Brand	Bushnell
Model Number	BS11040
Magnification	10x
Objective Lens Diameter	40 mm
Prism Type	Roof Prism
Lens Coating	Multi-Coated
Field of View	305 feet at 1000 yards
Exit Pupil Diameter	4 mm
Eye Relief	14 mm
Relative Brightness	4
Diopter Adjustment Range	+/- 5 diopters
Focus Type	Fixed Focus (PermaFocus)
Water Resistance Level	IPX4 (Water-resistant)
Fog Proofing	Nitrogen Purged
Dimensions (L x W x H)	20.32 x 15.24 x 7.62 cm (8 x 6 x 3 inches)
Weight	562.45 grams (1.24 lbs)
Country of Origin	China
UPC	029757002754

WARRANTY INFORMATION

Bushnell provides a **20-year warranty** for the Spectator Sport binoculars. This warranty covers defects in materials and workmanship. For detailed terms and conditions, please refer to the official Bushnell website or contact customer support. Keep your proof of purchase for warranty claims.

Availability of spare parts is guaranteed for 10 years.

SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Bushnell website or contact their customer service department. You can typically find contact information, FAQs, and additional resources on the manufacturer's website.

Bushnell Official Website: www.bushnell.com

