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## Nikon BAA710AA

# Nikon Sportstar EX 8x25 DCF Binocular Instruction Manual

Model: BAA710AA

## INTRODUCTION

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Thank you for choosing the Nikon Sportstar EX 8x25 DCF Binocular. This compact and lightweight binocular is designed for a wide range of activities, including nature observation, trekking, and sporting events. Its 8x magnification and 25mm objective lens provide clear, bright images, even in low-light conditions, thanks to multilayer-coated lenses. The waterproof and fog-free design ensures reliable performance in various environments.

Please read this manual thoroughly before using your binocular to ensure proper operation and to maximize its performance and longevity.

## WHAT'S IN THE BOX

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Upon opening your package, please verify that all the following items are included:

- Nikon Sportstar EX 8x25 DCF Binocular
- Carrying Case
- Neck Strap
- Lens Covers
- Cleaning Cloth
- Instruction Manual (this document)

## SETUP

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### 1. Attaching the Neck Strap

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



*Image: The Nikon Sportstar EX 8x25 DCF Binocular shown from an angled view, illustrating the compact design and the attachment points for a neck strap.*

## 2. Adjusting Interpupillary Distance

Hold the binocular with both hands and look through the eyepieces. Adjust the distance between the two barrels until you see a single, circular field of view. This ensures proper alignment with your eyes.

## 3. Adjusting Eyecups

The Sportstar EX features turn-and-slide rubber eyecups. If you wear eyeglasses, rotate the eyecups down to their lowest position. If you do not wear eyeglasses, rotate the eyecups up to a comfortable position that allows you to see the full field of view without vignetting.

## 4. Diopter Adjustment

This adjustment compensates for differences in vision between your left and right eyes.

1. Close your right eye or cover the right objective lens.
2. Look through the left eyepiece with your left eye and rotate the center focus wheel until the image is sharp.
3. Close your left eye or cover the left objective lens.
4. Look through the right eyepiece with your right eye and rotate the diopter adjustment ring (usually on the right eyepiece) until the image is sharp. **Do not use the center focus wheel for this step.**
5. With both eyes open, the image should now be sharp. From this point forward, use only the center focus wheel for focusing on different distances.

## OPERATING THE BINOCULAR

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## Focusing

Once the interpupillary distance and diopter are set, focusing on objects at various distances is straightforward:

1. Bring the binocular to your eyes.
2. Locate the object you wish to view.
3. Rotate the center focus wheel until the image appears sharp and clear.



*Image: Front view of the Nikon Sportstar EX 8x25 DCF Binocular, highlighting the objective lenses and the central focus wheel.*

## General Usage Tips

- **Steady Viewing:** For prolonged viewing, try to brace your elbows against your body or a stable surface to minimize hand shake.
- **Low Light Conditions:** While the multilayer-coated lenses enhance brightness, avoid using the binocular in extremely dark conditions where visibility is already minimal.
- **Eye Relief:** The turn-and-slide eyecups allow for comfortable viewing whether you wear glasses or not. Adjust them to achieve the optimal eye relief.

## MAINTENANCE

### Cleaning Lenses

To clean the lenses, first gently brush off any dust or debris with a soft lens brush or blow it off with a can of compressed air. Then, use the provided cleaning cloth or a clean, soft cotton cloth, slightly moistened with lens cleaning fluid, to wipe the lenses in a circular motion. Avoid using harsh chemicals or abrasive materials, as these can damage the lens coatings.

### Cleaning the Body

Wipe the binocular body with a soft, damp cloth. For stubborn dirt, a mild soap solution can be used, followed by

wiping with a clean, damp cloth. Ensure no water enters the optical components.

## Storage

When not in use, store the binocular in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing it in areas with high humidity to prevent mold growth on the lenses.

## Waterproof and Fog-Free Features

The Nikon Sportstar EX is waterproof and fog-free, thanks to nitrogen gas purging. While it is designed to withstand various weather conditions, avoid submerging it in water or exposing it to prolonged heavy rain. If the binocular gets wet, wipe it dry with a soft cloth as soon as possible.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Image is blurry/unclear	Incorrect focus, diopter not adjusted, dirty lenses.	Adjust the center focus wheel. Perform diopter adjustment. Clean the objective and eyepiece lenses.
Double image or two circles	Interpupillary distance not set correctly.	Adjust the distance between the barrels until a single, circular field of view is seen.
Dark edges (vignetting)	Eyecups not adjusted for your eyes/glasses.	Adjust the turn-and-slide eyecups to a comfortable position.
Internal fogging	Extreme temperature changes or damage to seals.	Allow the binocular to acclimate to the temperature. If persistent, contact Nikon support.

## SPECIFICATIONS

Key specifications for the Nikon Sportstar EX 8x25 DCF Binocular (Model: BAA710AA):

- **Magnification:** 8x
- **Objective Lens Diameter:** 25 mm
- **Product Dimensions:** 4.45 x 3.74 x 0.04 inches
- **Item Weight:** 10.6 ounces
- **Special Features:** Lightweight, Waterproof, Fog-free (Nitrogen gas purged)
- **Lens Coating:** Multilayer-coated
- **Eyecups:** Turn-and-slide rubber eyecups
- **Model Number:** BAA710AA
- **Manufacturer:** Nikon



*Image: The Nikon Sportstar EX 8x25 DCF Binocular in a folded, compact position, demonstrating its portability.*

## WARRANTY AND SUPPORT

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Nikon products are manufactured to the highest quality standards and come with a manufacturer's warranty. For specific warranty details, including coverage and duration, please refer to the warranty card included with your product or visit the official Nikon website.

For technical support, service, or inquiries regarding your Nikon Sportstar EX 8x25 DCF Binocular, please contact Nikon customer service through their official website or the contact information provided in your warranty documentation. Please have your model number (BAA710AA) and purchase information ready when contacting support.

You can find more information and support resources on the official Nikon website: [www.nikonusa.com](http://www.nikonusa.com)