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› Bresser Nautic 1866815 7 x 50 Binocular Instruction Manual

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Bresser Nautic 7x50 Binocular Instruction Manual

MODEL: 1866815

Brand: BRESSER

PRODUCT OVERVIEW

The Bresser Nautic 7x50 WD/KMP binocular is engineered for marine environments, featuring a robust, water-resistant design with rubber armor and gas-purged optical tubes to prevent internal fogging. Its fully coated optics deliver clear and bright images, making it an ideal tool for navigation and observation on water. This model includes an illuminated compass for directional guidance.



Figure 1: The Bresser Nautic 7x50 Binocular, showcasing its compact and durable design.

WHAT'S IN THE BOX

- Bresser Nautic 7x50 Binoculars
- Standby Bag
- Dust Caps (for objective lenses and eyepieces)
- Carrying Strap
- Cleaning Cloth

KEY FEATURES

- Multi Coated Red Lenses for enhanced light transmission and reduced glare.
- BAK-4 Porro Prisms for bright, clear, and sharp images.
- Built-In Illuminated Compass for navigation and bearing readings.
- Integrated Rangefinder Reticle for estimating distances and object sizes.
- Waterproof and Fogproof construction (gas-purged) for reliable performance in all weather conditions.
- Robust Rubber Armor for shock absorption and a secure grip.
- Tripod Adapter Thread for stable viewing with a tripod.

SETUP

1. Attaching the Neck Strap

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

2. Adjusting Eyecups

If you wear eyeglasses, twist down the eyecups to bring your eyes closer to the ocular lenses. If you do not wear eyeglasses, twist up the eyecups to the fully extended position.

3. Interpupillary Distance Adjustment

Hold the binoculars with both hands and look through them. Bend the binocular body at the hinge until you see a single, clear circular field of view. This adjusts the distance between the eyepieces to match your eyes.

OPERATING INSTRUCTIONS

1. Focusing

1. Close your right eye and look through the left eyepiece with your left eye. Rotate the central focus wheel until the image is sharp.
2. Close your left eye and look through the right eyepiece with your right eye. Rotate the diopter adjustment ring on the right eyepiece until the image is sharp.
3. Now, with both eyes open, use only the central focus wheel to focus on objects at varying distances.



Figure 2: Eyepieces and diopter adjustment ring for individual eye focusing.

2. Using the Illuminated Compass

The binocular features an integrated illuminated compass for bearing readings. Locate the buttons on the top of the binocular body. Press the power button to activate the compass illumination. The compass scale will appear in the lower part of your field of view.



Figure 3: Compass illumination buttons for low-light navigation.

3. Using the Rangefinder Reticle

The reticle in the right eyepiece allows for approximate distance and object size measurements. The vertical scale measures object height, and the horizontal scale measures object width. Consult the specific instructions provided with your binocular for detailed calculations based on the reticle markings.



Figure 4: Example view through the binocular, showing the integrated reticle and compass for navigation and measurement.



Figure 5: Detailed view of the distance and angle scale, useful for rangefinding calculations.

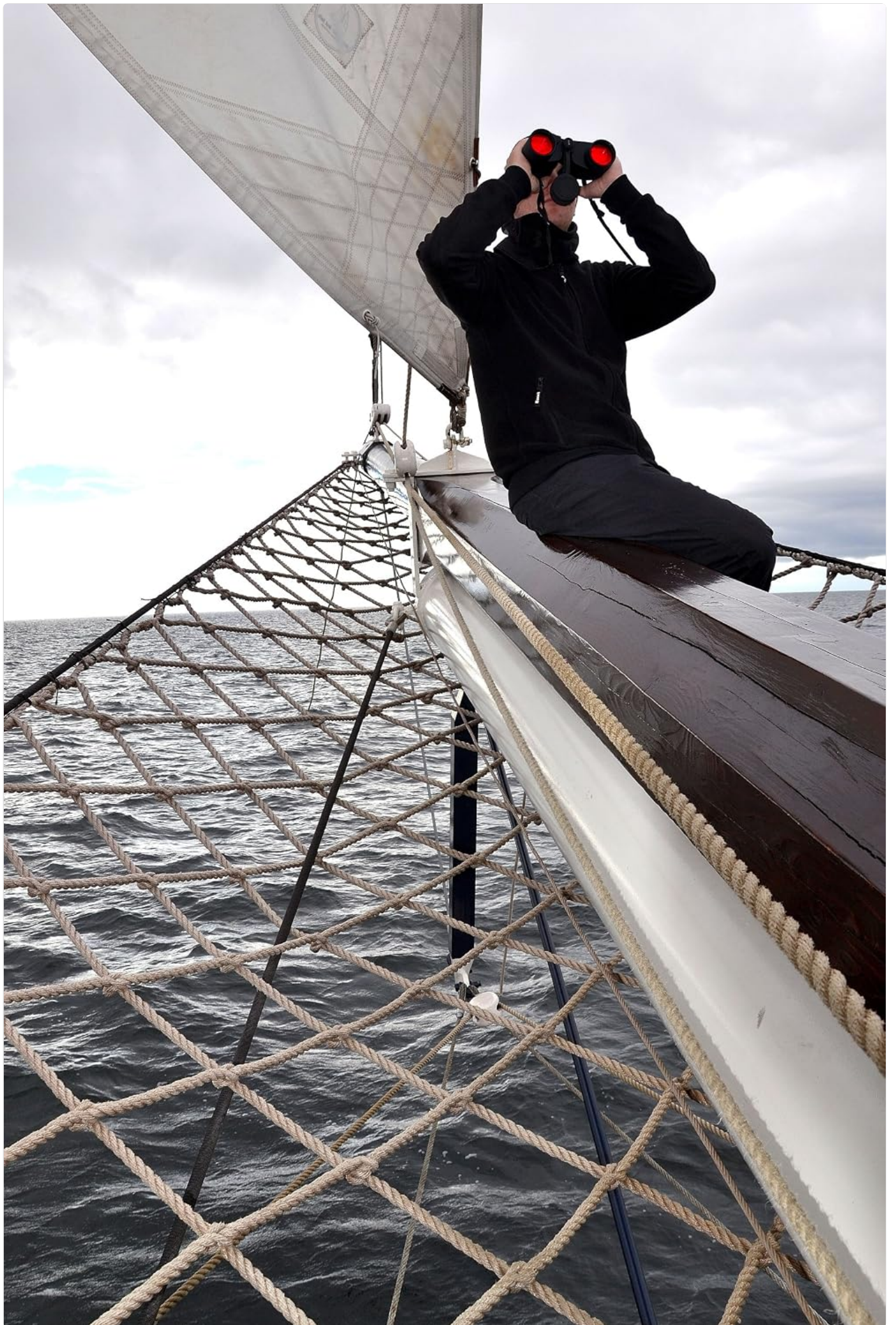


Figure 6: Binoculars in use, demonstrating their application in a maritime setting.

MAINTENANCE

Cleaning the Lenses

Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optics. Gently wipe the lens surfaces to remove dust and smudges. For stubborn marks, a small amount of lens cleaning fluid can be applied to the cloth, not directly to the lens.

Cleaning the Body

Wipe the binocular body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the rubber armor.

Storage

When not in use, store the binoculars in their standby bag in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the dust caps are in place to protect the lenses.

TROUBLESHOOTING

Blurred Image

- Ensure proper focusing using the central focus wheel and diopter adjustment.
- Check if the objective lenses or eyepieces are dirty and clean them as per maintenance instructions.
- Verify that the interpupillary distance is correctly set for your eyes.

Compass Illumination Not Working

- Check the battery compartment for proper battery insertion and charge. The binocular requires 1 'A' battery.
- Ensure the power button is pressed firmly.

Double Image

- Adjust the interpupillary distance until a single, circular field of view is achieved.
- If the issue persists, the binoculars may require professional alignment.

SPECIFICATIONS

Specification	Value
Magnification	7x
Objective Lens Diameter	50 mm
Optical Coatings	Multi Coated, Red
Prism Type	Porro (BAK-4)
Field of View at 1000m	124 m
Brightness	51.02
Twilight Rate	18.71

Near Focusing From	5 m
Dimensions (LxWxH)	210 x 165 x 70 mm (8.3 x 3.9 x 7.9 inches)
Weight (without packaging)	1025 g (2.26 pounds)
Batteries Required	1 'A' battery (for compass illumination)

WARRANTY AND SUPPORT

BRESSER products are designed for durability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official BRESSER website. For technical support, spare parts, or service inquiries, please contact BRESSER customer service directly.

You can find more information and contact details on the [BRESSER Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question