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› Bresser 1877491 Night Vision Digital NV Binoculars User Manual

BRESSER 1877491

Bresser 1877491 Night Vision Digital NV Binoculars User Manual

Model: 1877491

Brand: BRESSER

INTRODUCTION

Thank you for choosing the Bresser 1877491 Night Vision Digital NV Binoculars. This device is designed for comfortable observation in low-light and complete darkness conditions, featuring integrated infrared lighting and a recording function. Its digital design ensures resistance to overradiation, providing clear and high-contrast black/white images.

Key features include:

- 3x magnification with 2x digital zoom, offering a detection range of approximately 130 meters.
- Large display for comfortable viewing with both eyes.
- Integrated infrared lighting with 5 adjustable brightness levels for observation in complete darkness.
- Recording function to capture events.
- Long battery life of approximately 5 hours using standard AA batteries.
- Compact and lightweight design for portability.

PACKAGE CONTENTS

Please ensure all items are present in the package:

- Bresser 1877491 Night Vision Digital NV Binoculars
- Carrying Strap
- Protective Bag



Image: The Bresser Night Vision Binoculars shown alongside its included carrying bag and strap, highlighting the portability accessories.

SETUP

1. Battery Installation

The device operates on standard AA batteries. To install:

1. Locate the battery compartment on the underside of the device.
2. Open the battery compartment cover.
3. Insert the required number of AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: The underside of the Bresser Night Vision Binoculars, clearly showing the battery compartment cover and tripod mount.

2. Attaching the Carrying Strap

Attach the provided carrying strap to the designated loops on the binoculars for secure handling and portability.



Image: A top-down view of the Bresser Night Vision Binoculars, highlighting the overall design and the attachment points for the carrying strap on either side.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button (usually marked with **I/O**) to turn the device on or off. The display will illuminate upon power-on.

2. Viewing and Focus

Look through the eyepiece. The large display provides comfortable viewing for both eyes. Adjust the focus ring on the objective lens until the image is clear.

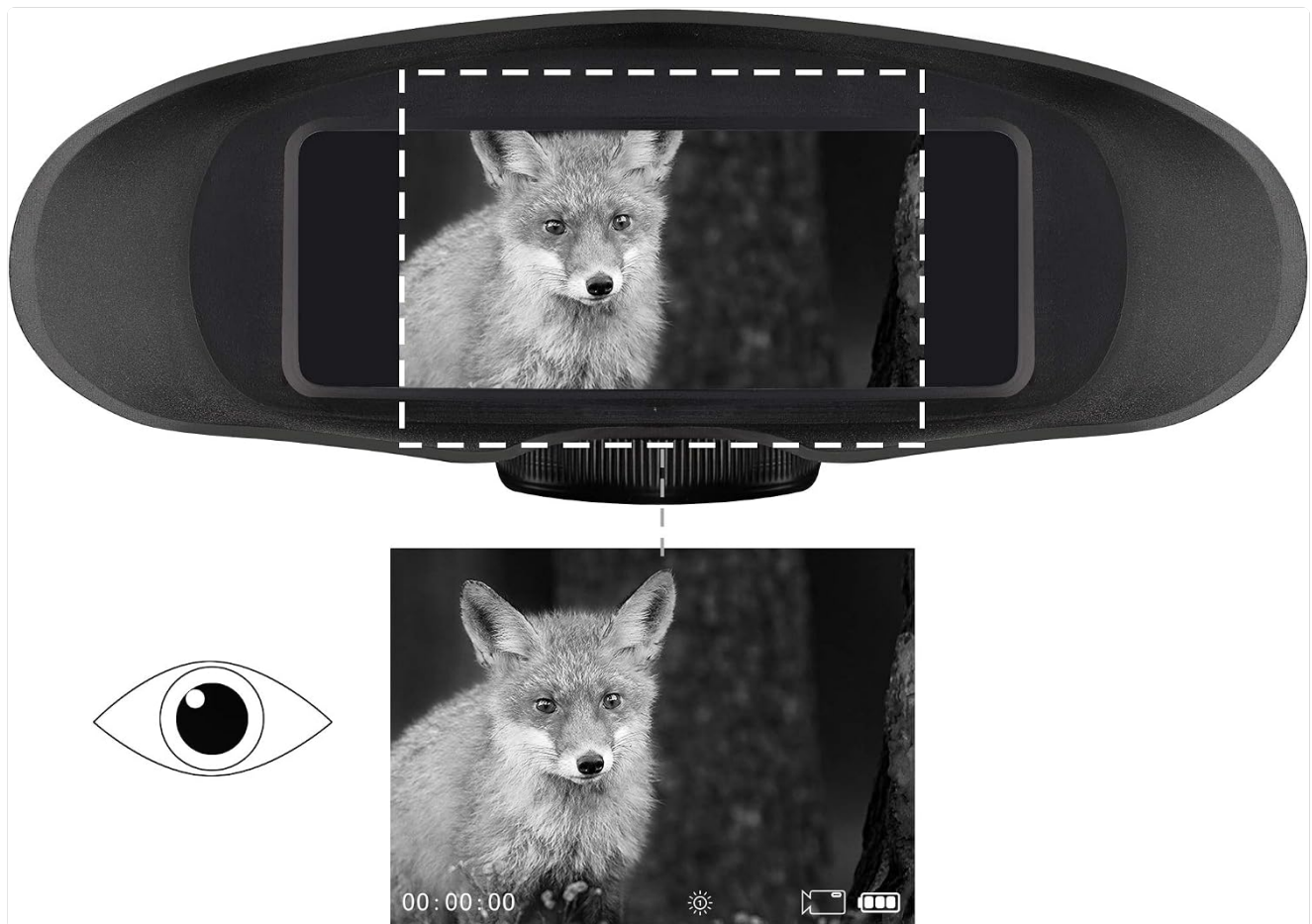


Image: A representation of the view through the Bresser Night Vision Binoculars, showing a clear black and white image of a fox, demonstrating the visual output.

3. Digital Zoom

Use the **ZOOM** buttons to digitally zoom in or out on your subject. The device offers up to 2x digital zoom in addition to its 3x optical magnification.

4. Infrared (IR) Illumination

For observation in low light or complete darkness, activate the integrated infrared illuminator. Press the **IR** button to cycle through 5 brightness levels. Higher IR levels provide better visibility in darker conditions but may consume more battery power.

5. Recording Function (SNAP)

The binoculars feature a recording function to capture images or videos. Press the **SNAP** button to take a still image or start/stop video recording. Ensure a compatible memory card (not included) is inserted into the card slot for saving recordings.



Image: A side view of the Bresser Night Vision Binoculars, revealing the covered ports for connectivity and memory card insertion.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the lenses and body of the device. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the binoculars in their protective bag in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.
- **Battery Care:** Always use fresh, high-quality AA batteries. Replace all batteries at the same time.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Batteries are dead or low. Batteries are inserted incorrectly.	Replace with fresh AA batteries. Check battery polarity and reinsert correctly.
Image is blurry or unclear.	Focus is not adjusted. Lenses are dirty.	Adjust the focus ring on the objective lens. Clean the lenses with a soft, lint-free cloth.

Problem	Possible Cause	Solution
Poor visibility in darkness.	IR illuminator is off or set too low. Subject is beyond effective range.	Increase IR brightness level. Ensure subject is within the 130m detection range.
Cannot record images/videos.	No memory card inserted. Memory card is full or corrupted.	Insert a compatible memory card. Delete files or format the memory card (backup important data first).

SPECIFICATIONS

Brand	BRESSER
Model Name	Bresser Digital Nachtsichtgerät Binokular 3,5x M. Aufnahme Monochrom
Part Number	1877491
Magnification	3x (Optical) with 2x Digital Zoom
Objective Lens Diameter	48 mm
Detection Range	Up to 130 m (in high contrast black/white image)
Sensor Resolution	640 x 480
LCD Resolution	320 x 240
Infrared Lighting	Integrated, 850 nm, 5 brightness levels
Power Source	AA Batteries
Battery Life	Approx. 5 hours
Dimensions (L x W x H)	195 x 143 x 48 mm (7.68"L x 5.63"W x 1.89"H)
Weight	0.43 kg (429 g)
Material	Plastic
Color	Black
Included Components	Night Vision Device, Carrying Strap, Bag

WARRANTY AND SUPPORT

BRESSER products are designed for durability and performance. For specific warranty information regarding your Bresser 1877491 Night Vision Digital NV Binoculars, please refer to the warranty card included with your purchase or visit the official BRESSER website.

For technical support, spare parts, or service inquiries, please contact BRESSER customer service. You can find contact details on the official BRESSER website or through the retailer where you purchased the product.

Visit the official BRESSER Store for more information:[BRESSER Store on Amazon](#)

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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

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