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BOBLOV Digital Night Vision Binoculars

BOBLOV Digital Night Vision Binoculars User Manual

Model: Digital Night Vision Binoculars

INTRODUCTION

Thank you for purchasing the BOBLOV Digital Night Vision Binoculars. This device is designed for observation in complete darkness or low light conditions, offering high-definition photo and 1080P video recording capabilities. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its performance and lifespan.

SAFETY INFORMATION

- Do not look directly at the sun through the device, as this may cause permanent eye damage.
- Keep the device away from extreme temperatures, humidity, and dust.
- Use only the specified battery type and charger.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Store the device in a safe place when not in use to prevent damage.

PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present:

- BOBLOV Digital Night Vision Binoculars
- USB Cable
- Cleaning Cloth
- Neck Strap
- User Manual
- Rechargeable Batteries (2x 3.7V 18650)
- 32GB TF Card (MicroSD Card)

PRODUCT OVERVIEW

Familiarize yourself with the components of your night vision binoculars:



Image: Front view of the BOBLOV Digital Night Vision Binoculars, showing the 3-inch LCD screen, objective lenses, and control buttons. Key features like rechargeable battery, 10X digital zoom, 400m infrared laser, 854x480 LCD, 3" HD screen, 32GB TF card, 1920x1080P video, and manual dimming are indicated.

- **Objective Lenses:** Collect light from the scene.
- **Eyepiece/LCD Screen:** For viewing images and videos.
- **Control Buttons:** Power, Menu, IR Up/Down, Zoom In/Out, Photo/Video.
- **Infrared Illuminator:** Provides invisible light for night vision.
- **Battery Compartment:** Houses the rechargeable batteries.
- **TF Card Slot:** For inserting the MicroSD card.
- **USB Port:** For charging and data transfer.

SETUP

1. Battery Installation

The device uses two 3.7V 18650 rechargeable batteries. Ensure they are fully charged before first use.

1. Locate the battery compartment cover on the underside of the device.
2. Open the cover and insert the two 18650 batteries according to the polarity markings (+/-).
3. Close the battery compartment cover securely.



Image: Diagram showing the battery compartment open with two 3.7V 18650 batteries being inserted.

2. Memory Card Installation

A 32GB TF (MicroSD) card is included for storing photos and videos.

1. Locate the TF card slot on the side of the device.
2. Insert the TF card with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in until it springs out.

3. Powering On/Off

- **To Power On:** Press and hold the Power button (usually marked with **O/R** or a power symbol) for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button again until the screen turns off.

OPERATING INSTRUCTIONS

1. Focus Adjustment

Adjust the focus for a clear image:

- Rotate the objective focusing wheel (located on the front of the device) until the image on the screen is sharp.
- Adjust the diopter on the eyepiece if available for individual eye comfort.



Image: Close-up view of the objective lens with arrows indicating rotation for manual focus and a visual representation of digital zoom.

2. Day and Night Use

The binoculars can be used in both day and night conditions.

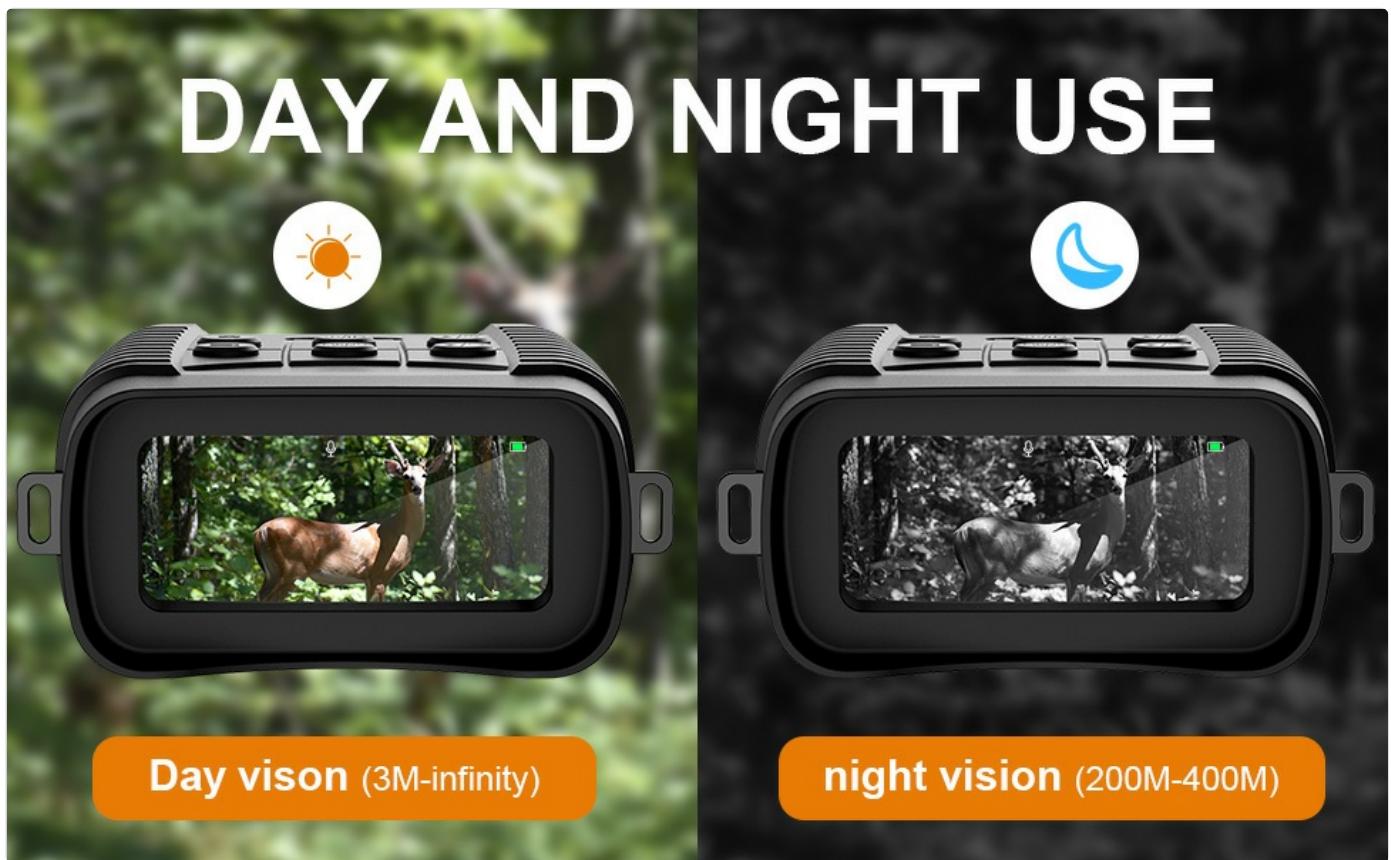


Image: Split screen showing the view through the binoculars in day vision (color, 3M-infinity) and night vision (black and white, 200M-400M) modes.

- **Day Mode:** The device operates in full color. Infrared illumination is not typically needed.
- **Night Mode:** The device automatically switches to black and white for enhanced low-light visibility. Activate the infrared illuminator for total darkness.

3. Digital Zoom Function

The device features up to 10X digital zoom.

- Use the **Zoom In (+)** and **Zoom Out (-)** buttons to adjust the magnification.

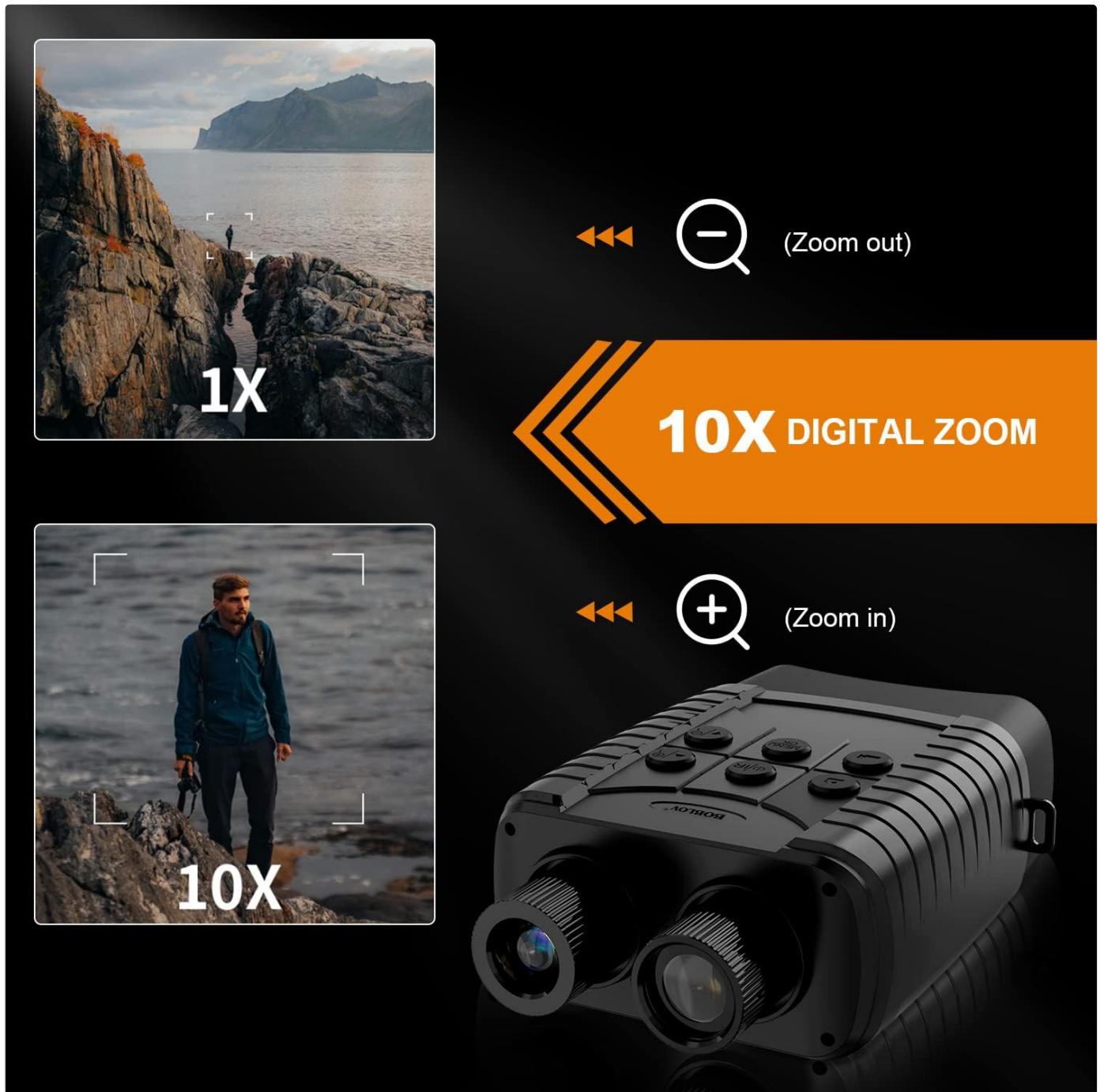


Image: Two panels demonstrating the digital zoom. One panel shows a 1X view of a person on a cliff, and the other shows a 10X zoomed-in view of the same person.

4. Photo and Video Capture

Capture high-resolution photos and 1080P videos.

- **Photo Mode:** Press the **Photo** button (often marked with a camera icon) to take a still image.
- **Video Mode:** Press the **Video** button (often marked with a video camera icon) to start recording. Press again to stop.

5. Infrared (IR) Illumination Adjustment

For optimal night vision, adjust the IR level:

- In night mode, use the **IR Up** and **IR Down** buttons to cycle through the 7 IR levels. Higher levels provide more illumination but consume more battery.

6. Menu Navigation

Access settings and options via the menu:

- Press the **MENU/OK** button to enter the menu.
- Use the navigation buttons (e.g., IR Up/Down, Zoom In/Out) to scroll through options.
- Press **MENU/OK** again to select an option or confirm a setting.
- Press the **MODE** button to exit the menu.

7. Playback Function

Review captured photos and videos:

- Enter playback mode (refer to the menu for this option).
- Use navigation buttons to browse through files.
- Select a file to view or play.

MEDIA TRANSFER

Transfer your captured photos and videos to a computer:

1. Connect the binoculars to your computer using the provided USB cable.
2. The device should appear as a removable disk.
3. Access the files on the TF card and copy them to your computer.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and usage of the BOBLOV Night Vision Binoculars, including data transfer via TF card and USB.

MAINTENANCE

- **Cleaning Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lenses. Do not use abrasive materials or harsh chemicals.
- **Cleaning Body:** Wipe the device body with a soft, damp cloth.
- **Storage:** Store the binoculars in a dry, cool place, away from direct sunlight and moisture. Remove batteries if storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or uncharged batteries; incorrect battery insertion.	Ensure batteries are fully charged and inserted with correct polarity.
Blurry image.	Improper focus adjustment; dirty lenses.	Adjust the objective focusing wheel. Clean the lenses with a soft cloth.
Poor night vision performance.	IR illuminator off or set too low; insufficient ambient light.	Increase the IR illumination level. Ensure IR is active in dark conditions.
Cannot record photos/videos.	TF card full or not inserted correctly; card error.	Check TF card insertion. Delete old files or format the card (backup data first). Replace card if faulty.

SPECIFICATIONS

Feature	Detail
Brand	BOBLOV
Objective Lens Diameter	25 Millimeters
Special Feature	Night Vision
Age Range (Description)	Adult
Color	Black
Item Weight	2.51 pounds
Package Dimensions	9.33 x 8.07 x 3.58 inches
Viewing Screen	3" LCD (854x480)
Digital Zoom	10X
Video Resolution	1080P
Infrared Wavelength	850NM
Storage	MicroSD Card (up to 32GB included)
Power Source	2x 3.7V 18650 Rechargeable Batteries
Operating Time (Day)	Up to 9 hours
Operating Time (Night, IR setting)	Up to 4 hours
Tripod Compatible	Yes

WARRANTY AND SUPPORT

BOBLOV products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official BOBLOV website. Please retain your proof of purchase for warranty claims.