HOTPEAK NV03

HOTPEAK NV03 4K Full Color Night Vision Binoculars User Manual

Model: NV03

Introduction

Thank you for choosing the HOTPEAK NV03 4K Full Color Night Vision Binoculars. This device is designed to provide enhanced visibility in low-light and complete darkness, offering both full-color and infrared viewing modes. With its 18X digital zoom, 4K video recording, 112MP photo capability, and a long-lasting 5000mAh battery, it is suitable for various outdoor activities such as wildlife observation, hunting, camping, and security monitoring.
This manual provides detailed instructions for the proper setup, operation, and maintenance of your night vision binoculars. Please read it thoroughly before using the device to ensure optimal performance and longevity.

What's in the Box

Verify that all items are present in the package:

- 1 x HOTPEAK NV03 Night Vision Binoculars
- 1 x 64GB TF Card (pre-installed or separate)
- 1 x Neck Strap
- 1 x Custom-Fitted Protection Case
- 1 x USB Type-C Charging Cable
- 1 x Lens Cleaning Cloth
- 1 x User Manual

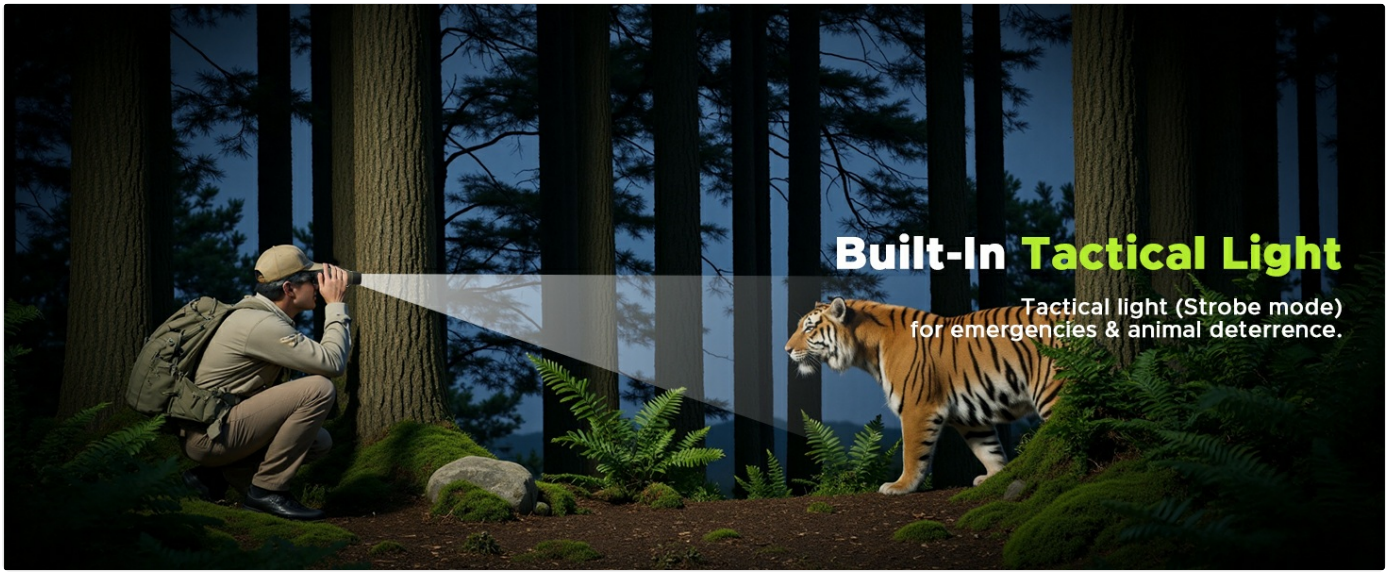


Image: All included accessories for the HOTPEAK NV03 Night Vision Binoculars.

Setup

1. Charging the Battery

The device features a built-in 5000mAh rechargeable battery. Before first use, fully charge the binoculars.

- Connect the provided USB Type-C cable to the charging port on the binoculars.
- Connect the other end of the cable to a standard USB power adapter (not included) or a computer's USB port.
- The charging indicator light will illuminate during charging and turn off when fully charged.

Image: Illustration of the 5000mAh battery and charging capability.

2. Inserting the Memory Card

A 64GB TF (MicroSD) card is included for storing photos and videos. Ensure it is properly inserted before use.

- Locate the memory card slot on the side of the binoculars.
- Gently insert the 64GB TF card into the slot until it clicks into place. Ensure the correct orientation.
- To remove, gently press the card inward until it springs out.

3. Attaching the Neck Strap

Attach the neck strap to the designated loops on the binoculars for secure carrying.

4. Initial Power On

Press and hold the power button to turn on the device. The display will activate, showing the live view.

Operating Instructions

1. Power On/Off

- To power on, press and hold the **Power Button**.
- To power off, press and hold the **Power Button** again until the display shuts down.

2. Adjusting Focus and Zoom

The binoculars feature 18X digital zoom and manual focal adjustment.

- **Manual Focus:** Rotate the objective lens rings to achieve a clear image.
- **Digital Zoom:** Use the **Zoom In (+)** and **Zoom Out (-)** buttons to adjust the magnification from 1X to 18X.



Image: Visual representation of the 18X digital zoom capability.

3. Switching Between Day and Night Modes

The device supports both full-color (low light) and infrared (black-and-white) modes.

- In daylight or low-light conditions, the binoculars operate in full-color mode.
- In complete darkness, activate the infrared (IR) illuminator for black-and-white night vision.



Image: Comparison of full-color and infrared viewing modes.

4. Adjusting IR Illumination

The infrared illuminator has 10 adjustable levels to optimize night vision performance.

- Press the **IR Button** to cycle through the 10 IR levels.
- Higher IR levels provide greater visibility in darker conditions but may consume more battery.



Image: Demonstrates the 10-level adjustable IR illuminator.

5. Photo and Video Recording

Capture high-resolution photos (112MP) and 4K videos.

- Press the **Mode Button** to switch between photo and video modes.
- In photo mode, press the **Shutter Button** to take a picture.
- In video mode, press the **Record Button** to start/stop recording.



Image: Illustrates full-color night vision with 112MP photo and 4K video capabilities.

6. Playback

Review captured photos and videos directly on the device.

- Press the **Playback Button** to enter playback mode.
- Use the navigation buttons to browse through your media.
- Press the **OK Button** to view a photo or play a video.
- Press the **Playback Button** again to exit playback mode.

7. Flashlight Modes

The built-in tactical light offers 5 modes for various situations.

- Press the **Flashlight Button** to cycle through Max Bright, Half Bright, Low Bright, Flash, and SOS modes.
- The SOS mode provides a slow flash for emergency signaling.



Image: Depicts the five available flashlight modes.

8. Connecting to PC/Mobile

Transfer files by connecting the binoculars to a computer or mobile device.

- Use the provided USB Type-C cable to connect the binoculars to your device.
- The binoculars will appear as a removable storage device, allowing you to access and transfer files.



Image: Shows the binoculars connected to a computer and phone for data transfer.

9. Official Product Video

Watch this video for a visual overview of the HOTPEAK NV03 Night Vision Binoculars' features and operation.

Your browser does not support the video tag.

Video: Full Color Night Vision Goggles 18X Zoom 1968FT View Range by HOTPEAK US. This video demonstrates the key features and capabilities of the NV03 binoculars, including its full-color night vision, zoom, and range.

Maintenance

1. Cleaning

- Use the provided lens cleaning cloth to gently wipe the lenses. Do not use abrasive materials or chemical cleaners.
- For the body of the binoculars, use a soft, dry cloth to remove dust and dirt.

2. Storage

- When not in use, store the binoculars in the custom-fitted protection case to prevent damage from dust, moisture, and impacts.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.



Image: The custom-fitted protection case for secure storage and transport.

3. Battery Care

- Avoid fully discharging the battery frequently. Recharge before it is completely depleted.
- If storing for extended periods, charge the battery to approximately 50% every 3-6 months to maintain battery health.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the battery fully using the provided USB Type-C cable.
Image is blurry or out of focus.	Incorrect manual focus adjustment.	Rotate the objective lens rings to adjust the manual focus until the image is clear.
Night vision is poor or dark.	IR illuminator is off or set to a low level.	Press the IR button to increase the IR illumination level. Ensure IR is active.
Cannot record photos or videos.	Memory card full, not inserted, or corrupted.	Check if the 64GB TF card is properly inserted. Delete old files or format the card (backup important data first). Replace if corrupted.
Device freezes or becomes unresponsive.	Software glitch or temporary error.	Press and hold the power button for 10-15 seconds to force a restart. If the issue persists, contact customer support.

Specifications

Feature	Detail
Brand	HOTPEAK
Model Number	NV03
Resolution (Photo)	Up to 112 MP
Resolution (Video)	4K @ 30FPS
Digital Zoom	18X
Viewing Range	Up to 1968 ft (600m)
Battery Capacity	5000mAh (Built-in)
Battery Life (Daytime)	Up to 16 hours
Battery Life (Nighttime)	Up to 10 hours (with IR)
Memory Card	64GB TF Card (Included)
IR Illumination Levels	10 Levels
Flashlight Modes	5 Modes (Max Bright, Half Bright, Low Bright, Flash, SOS)
Focus Type	Manual Focus
Water Resistance Level	Not Water Resistant

Warranty and Support

Your HOTPEAK NV03 Night Vision Binoculars come with comprehensive support:

- **1-Year Warranty:** Covers manufacturing defects and malfunctions under normal use.
- **30-Day Hassle-Free Returns:** For any dissatisfaction with the product.
- **Lifetime Technical Support:** Assistance with setup, operation, and troubleshooting for the lifespan of the product.

For warranty claims, technical assistance, or any questions regarding your device, please contact HOTPEAK customer service through the retailer's platform or the official HOTPEAK website. Please have your model number (NV03) and purchase information ready when contacting support.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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