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› WARMTUYO 4K Night Vision Goggles Model J50 User Manual

WARMTUYO J50

WARMTUYO 4K Night Vision Goggles Model J50 User Manual

Brand: WARMTUYO | Model: J50

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your WARMTUYO 4K Night Vision Goggles, Model J50. This device is designed for enhanced viewing in low-light and complete darkness, offering 4K video recording, 36MP photo capture, and up to 16X digital zoom. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image: WARMTUYO 4K Night Vision Goggles, Model J50, with included accessories.

What's Included

Verify that all items are present in the package:

- 1 x Night vision goggles
- 1 x Neck strap
- 1 x 32GB SD card
- 1 x Data cable
- 1 x User manual

PRODUCT COMPONENTS AND CONTROLS

Familiarize yourself with the various parts and controls of your night vision goggles:

Top Panel Controls



Image: Top panel controls and infrared adjustment illustration.

- **Power Button:** Press and hold to turn the device on or off.
- **Mode Button:** Cycle through Photo, Video, and Playback modes.
- **Menu Button:** Access system settings.
- **OK/Capture Button:** Confirm selections in menus or capture photos/start/stop video recording.
- **IR Up/Down Buttons:** Adjust the infrared brightness level (9 levels available).
- **Zoom Up/Down Buttons:** Adjust the digital zoom level (up to 16X).

Bottom and Side Ports



Image: Device ports and features.

- **USB-C Charging Port:** For charging the internal 5000mAh battery.
- **SD Card Slot:** Insert the provided 32GB TF card for storage.
- **Factory Switch (On/Off):** A master power switch located under the protective cover. Ensure it is in the 'On' position for operation.
- **Tripod Mount:** Standard threaded mount for attaching to a tripod for stable viewing.
- **Focus Wheel:** Located on the bottom, adjust to achieve clear images.

GETTING STARTED

1. Charging the Device

Before first use, fully charge the night vision goggles. Connect the provided USB-C cable to the charging port on the device and to a compatible USB power source. The charging indicator will show the charging status.

2. Inserting the SD Card

Locate the SD card slot under the protective rubber cover. Insert the provided 32GB TF card into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.

3. Initial Power On

First, ensure the master 'On/Off' switch (under the rubber cover) is in the 'On' position. Then, press and hold the Power Button on the top panel until the 3.5-inch TFT HD display illuminates.

OPERATING INSTRUCTIONS

1. Adjusting Focus

To achieve a clear image, rotate the manual focus wheel located on the bottom of the device until the image on the display is sharp.

CAN SHOOT AND RECORD

Can connect to a computer via USB cable to output pictures and videos.

Bracket hole

Factory switch

Memory card slot

TYPE C charging port

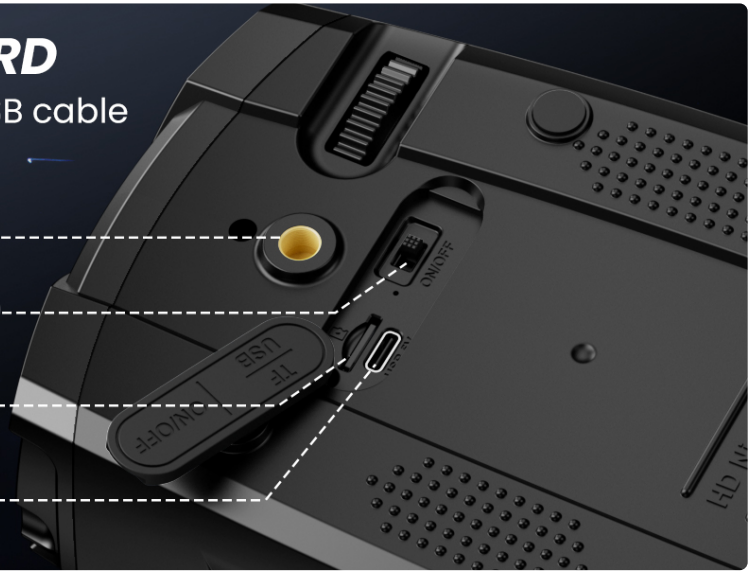


Image: Manual focus adjustment.

2. Selecting Operating Mode

Press the **Mode** button to switch between the following modes:

- **Photo Mode:** For capturing still images (up to 36MP).
- **Video Mode:** For recording video with audio (up to 4K resolution).
- **Playback Mode:** To review captured photos and videos.

3. Adjusting Infrared (IR) Brightness

In low-light or dark conditions, use the **IR Up** and **IR Down** buttons to adjust the infrared illuminator brightness. There are 9 levels of IR intensity to suit various ambient light conditions and viewing distances up to 300 meters.

4. Using Digital Zoom

Press the **Zoom Up** and **Zoom Down** buttons to apply digital magnification up to 16X. This allows for closer inspection of distant objects.

Up to 16X Digital Zoom

Distant targets, clear details, precise environmental awareness



Image: Digital zoom in action.

5. Capturing Photos and Videos

In Photo or Video mode, press the **OK/Capture** button once to take a photo or to start/stop video recording. The captured media will be saved to the inserted SD card.

Stunning 4K Video & 36MP Photos

Capture every moment with breathtaking clarity

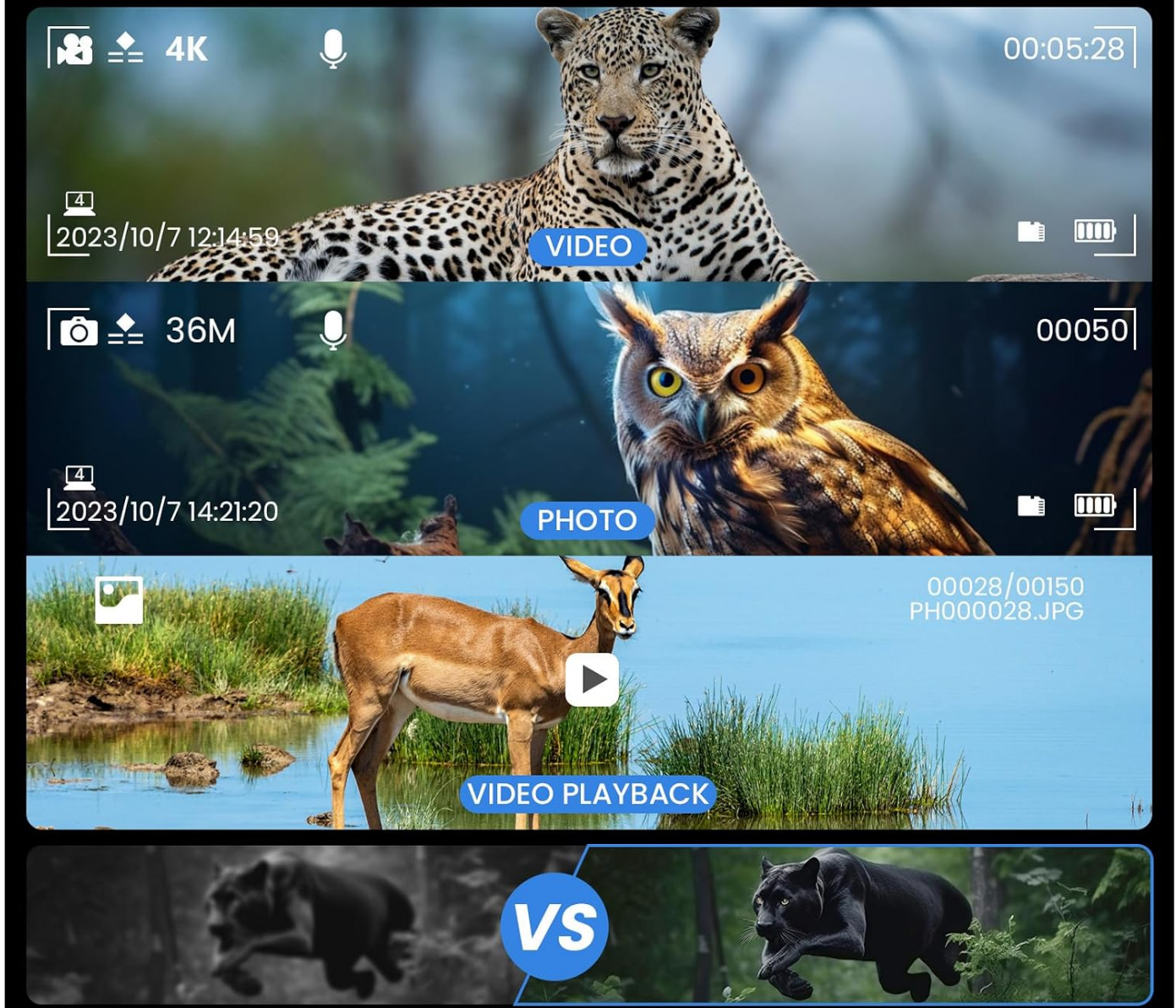


Image: Examples of 4K video and 36MP photo quality.

6. Accessing System Settings

Press the **Menu** button to enter the system settings. Use the navigation buttons (often the IR or Zoom buttons) to scroll through options such as Language, Time Setting, Screen Saver, Screen Brightness, Auto Power Off, and Date Tag. Press **OK** to select an option and make adjustments.

7. Night Vision Demonstration

Observe the device's performance in low-light conditions:

Your browser does not support the video tag.

Video: Demonstration of the WARMTUYO 4K Night Vision Goggles in action, showcasing its night vision capabilities and ease of use.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the lenses and display. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Remove the SD card if storing for extended periods.
- **Battery Care:** Recharge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery frequently.

TROUBLESHOOTING

- **Device not powering on:** Ensure the master 'On/Off' switch is in the 'On' position and the battery is charged.
- **Blurry image:** Adjust the manual focus wheel until the image is clear. Ensure lenses are clean.
- **Poor night vision:** Increase the IR brightness level using the IR Up button. Ensure there are no obstructions to the IR illuminator.
- **Cannot record/take photos:** Check if the SD card is properly inserted and has sufficient free space.

TECHNICAL SPECIFICATIONS

Feature	Specification
Product Dimensions	6.7 x 5.5 x 0.1 inches
Item Weight	1.38 pounds
Item Model Number	J50
Batteries	1 C batteries required. (included)
Brand	WARMTUYO
Special Feature	Focus Knob, High Magnification, Image Stabilization, Night Vision, Tripod Mountable
Objective Lens Diameter	50 Millimeters
Magnification Maximum	16 x

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or

visit the official WARMTUYO website. Keep your purchase receipt for warranty claims.

Manufacturer: WARMTUYO

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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