ORDRO HDR-AC3+IR

ORDRO 4K Night Vision Camcorder HDR-AC3+IR User Manual

Model: HDR-AC3+IR

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your ORDRO 4K Night Vision Camcorder, model HDR-AC3+IR. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. Keep this manual for future reference.

PACKAGE CONTENTS

Before you begin, please verify that all items listed below are included in your package:

HDR-AC3 Camcorder

2.75''
2.68''
5.04''

WHAT YOU GET

IR Night Light

Lens Hood

Remote Control

Handheld Holder

USB to MIC adapter

HDMI Cable

USB Cable

Lens Cap

Camera Bag

Battery Charger

Battery x 2

64GB SD Card

An overview of all items included in the product package: the ORDRO HDR-AC3 camcorder, an external IR Night Light, Lens Hood, Remote Control, Handheld Holder, USB to MIC adapter, HDMI Cable, USB Cable, Lens Cap, Camera Bag, Battery Charger, two Lithium Polymer Batteries, and a 64GB SD Card.

- ORDRO 4K Camcorder (HDR-AC3+IR)
- External IR Night Light
- Lens Hood
- Remote Control
- Handheld Holder
- USB to MIC Adapter
- HDMI Cable
- USB Cable
- Lens Cap
- Camera Bag
- Battery Charger
- Lithium Polymer Batteries (x2)
- 64GB SD Card

SETUP

1. Identifying Camcorder Components

A detailed diagram highlighting the key features and controls of the camcorder, such as the 4K lens, 3.1-inch IPS touch screen, LED light, infrared night vision light, hot shoe, zoom controls, photo button, mode switch, video recording button, IR night vision switch, battery compartment, power button, indicator light, USB interface, HDMI interface, and SD card slot.

2. Battery Installation and Charging

1. Open the battery compartment cover located on the bottom of the camcorder.
2. Insert a fully charged Lithium Polymer battery, ensuring the contacts align correctly. Close the cover securely.
3. To charge the battery, use the provided battery charger. Connect the charger to a power outlet and insert the battery. The indicator light on the charger will show charging status.

4. Alternatively, you can charge the camcorder directly via the USB port using the supplied USB cable and a power adapter (not included) or a power bank.

3. Memory Card Installation

1. Locate the SD card slot on the side of the camcorder.
2. Insert the 64GB SD card (or another compatible SD card) into the slot with the metal contacts facing down until it clicks into place.
3. To remove, gently press the SD card until it springs out.
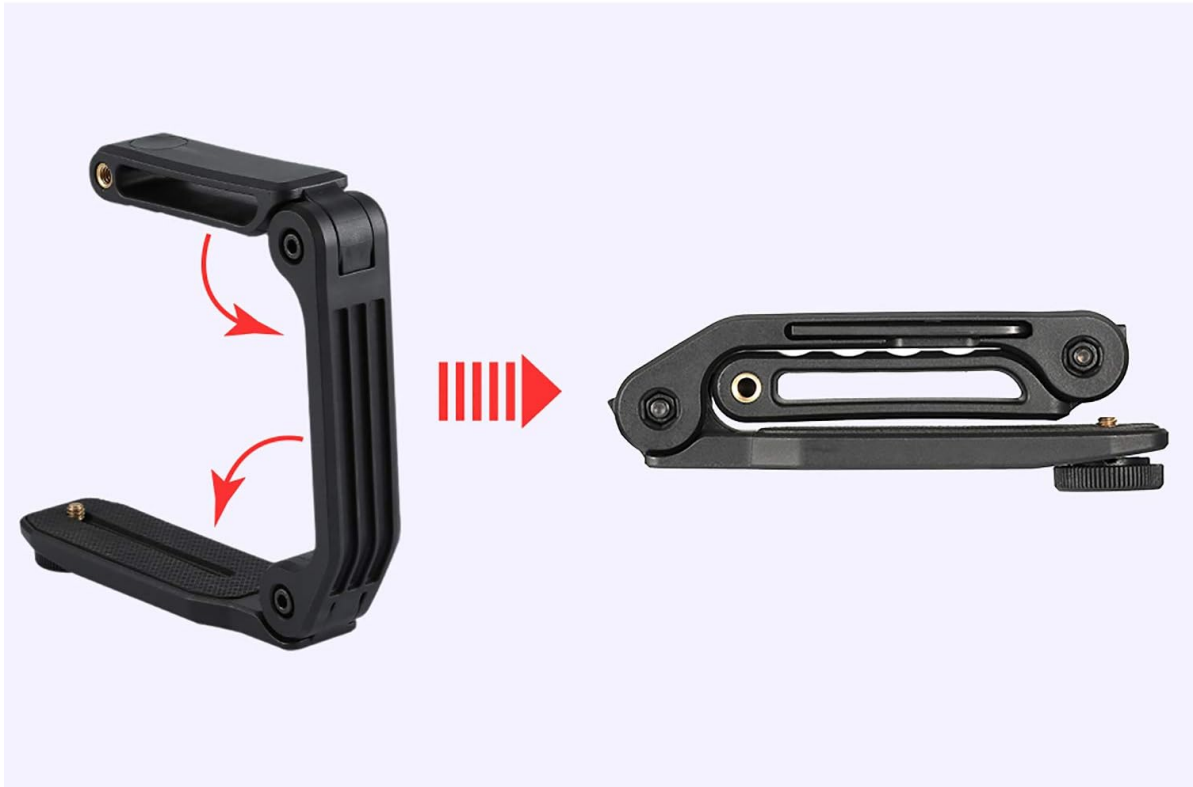
4. Attaching Accessories

This image displays the ORDRO 4K camcorder fully assembled with its external infrared light, lens hood, and handheld stabilizer, showcasing its complete setup.

- **Handheld Holder:** Attach the handheld holder to the bottom tripod mount of the camcorder for stable shooting. The ORDRO HC-1 holder is foldable for portability.

Product Features

Foldable & Portable Design

ORDRO HC-1 can be foldable which is convenient to carry.

A visual representation of the ORDRO HC-1 handheld holder's foldable design, highlighting its portability and ease of storage.

- **External IR Night Light:** Slide the external IR night light onto the hot shoe mount on top of the camcorder. Ensure it is securely fastened. This light enhances night vision capabilities.
- **Lens Hood:** Screw the lens hood onto the front of the camcorder lens to reduce glare and protect the lens.

OPERATING INSTRUCTIONS

1. Powering On/Off

- To power on, press and hold the **Power Button** until the screen illuminates.
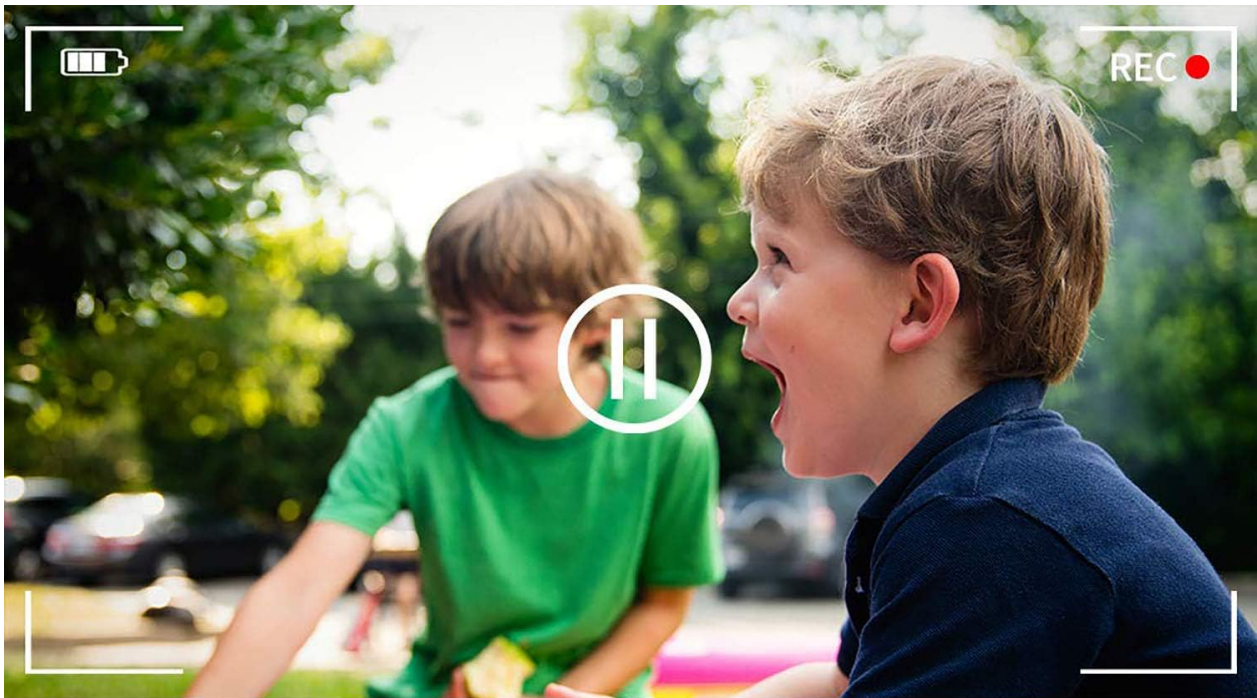- To power off, press and hold the **Power Button** again until the screen turns off.

2. Basic Recording

- **Video Recording:** Press the **Video Recording Button** (START/STOP) to begin recording. Press it again to stop.
- **Taking Photos:** In video mode, press the **Photo Button** to capture a still image. In photo mode, press

the **Photo Button** to take a picture.

- **Pause Function:** During video recording, press the **Photo Button** to pause the recording. Press it again to resume recording in the same file.

This image explains the video pause function, allowing users to temporarily stop and resume recording without creating a new file, activated by pressing the 'PHOTO' button.

3. Using the 3.1-inch IPS Touch Screen

- The screen is fully rotatable for various shooting angles, including self-recording.
- Tap the screen to access menu options, adjust settings, and review footage.
- Navigate through menus by swiping and tapping.

4. IR Night Vision Mode

- To activate night vision, press the **IR Night Vision Switch**. The camcorder will switch to black and white recording, utilizing infrared light for visibility in dark environments.
- Ensure the external IR Night Light is attached and powered on for enhanced performance in complete darkness.

IR Night Vision

Take clear videos and photos in darkness

Press IR button
to enter night vision mode

4K LENS

R70 f=2.2 f=4.48mm

IR

4K

INFRARED NIGHT VISION

4K   WiFi   30X

Without IR Night Vision   With IR Night Vision

This image demonstrates the effectiveness of the camcorder's IR Night Vision feature, comparing a dark scene without infrared illumination to the same scene clearly visible in black and white with IR Night Vision activated.

A close-up view of the external infrared fill light, illustrating its capability to illuminate subjects up to 20 meters away for clear recording in low-light conditions.

5. Zoom Function

- Use the **Zoom In**/**Out** rocker switch to adjust the focal length during recording or in standby mode.

6. Connecting to External Devices

A visual guide demonstrating how to connect the camcorder to a television using an HDMI cable for playback, and to a computer via a USB cable to function as a webcam.

- **HDMI Output:** Connect the camcorder to a TV or monitor using the provided HDMI cable to view your recordings in 4K resolution.
- **USB Connection (Webcam Mode):** Connect the camcorder to a computer using the provided USB cable. Select 'PC Camera' mode on the camcorder's screen to use it as a webcam.
- **USB Connection (File Transfer):** Connect the camcorder to a computer via USB and select 'Mass Storage' mode to transfer files.

7. Charging While Recording

Charging While Recording

Press " PHOTO " Button to Pause Recording

Press " PHOTO " Button to Resume Recording

This image illustrates the camcorder's ability to record video while simultaneously being charged via a power bank, ensuring extended operation.

- The camcorder supports charging while recording. Connect a power bank or a USB power adapter to the camcorder's USB port to extend recording time.

MAINTENANCE

- **Cleaning the Lens and Screen:** Use a soft, lint-free cloth specifically designed for optical surfaces to clean the lens and touch screen. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If not using the camcorder for an extended period, remove the batteries.
- **Storage:** Store the camcorder in its protective bag in a dry, dust-free environment away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the ORDRO official website for any available firmware updates to ensure optimal performance and access to new features.

TROUBLESHOOTING

If you encounter issues with your camcorder, please refer to the following common problems and solutions:

- **Camcorder does not power on:**

    - Ensure the battery is fully charged and correctly inserted.
    - Try using the second battery provided.

- **Short battery life, especially in Night Vision mode:**

    - Night Vision and continuous recording consume more power. Carry spare charged batteries or use a power bank for extended use.
    - Reduce screen brightness if possible.

- **Camcorder freezes or becomes unresponsive:**

    - Remove and reinsert the battery to perform a hard reset.
    - Ensure the SD card is not corrupted. Try formatting the SD card (this will erase all data) or using a different SD card.

- **Poor video/photo quality:**

    - Ensure the lens is clean and free from smudges.
    - Check lighting conditions. For low light, activate IR Night Vision.
    - Verify that the camcorder settings (e.g., resolution, exposure) are appropriate for your environment.

- **No audio or low audio volume:**

    - Check the camcorder's audio settings in the menu.
    - Ensure the microphone is not obstructed.
    - If using an external microphone, ensure it is properly connected via the USB to MIC adapter.

SPECIFICATIONS

Brand	ORDRO
Model Number	HDR-AC3+IR
Video Capture Resolution	4K
Screen Size	3.1 Inches IPS Touch Screen
Special Features	Time Lapse, Infrared, Night Vision
Connectivity Technology	HDMI, USB
Flash Memory Type	SD (64GB card included)
Batteries	2 Lithium Polymer batteries (included)

Product Dimensions	5.1 x 2.7 x 2.7 inches
Item Weight	3.14 pounds

WARRANTY INFORMATION

Please refer to the product packaging or the official ORDRO website for detailed warranty information regarding your HDR-AC3+IR camcorder. Warranty terms and conditions may vary by region and purchase date.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries about your ORDRO 4K Night Vision Camcorder, please visit the official ORDRO website or contact their customer support team through the channels provided on their website.

Related Documents - HDR-AC3+IR

[ORDRO HDR-AC3 4K Camcorder User Manual](#)
User manual for the ORDRO HDR-AC3 4K Camcorder, detailing its features, operation, and technical specifications. Learn how to use the camera, connect it to devices, and utilize its various modes and settings.

[ORDRO M5 Camcorder User Manual: Setup, Operation, and Features](#)
Comprehensive guide for the ORDRO M5 camcorder, covering accessories, operation, video/photo modes, system settings, connectivity, troubleshooting, and technical specifications.

[ORDRO M5 Camcorder User Manual and Guide](#)

Comprehensive user manual for the ORDRO M5 camcorder, covering setup, operation, features, troubleshooting, and technical specifications.

[ORDRO EP8 Wearable Camcorder User Manual and Guide](#)

Comprehensive user manual for the ORDRO EP8 wearable FPV camcorder. Covers setup, operation, features, troubleshooting, technical specifications, and app usage.

[Sony Digital HD Video Camera Recorder Operating Guide](#)

This operating guide provides comprehensive instructions for Sony Digital HD Video Camera Recorders, including models HDR-CX240, HDR-CX240E, HDR-PJ240, HDR-PJ240E, HDR-PJ270, HDR-PJ270E, and HDR-PJ275. It covers setup, safety, recording, playback, saving images, Wi-Fi connectivity, smartphone integration, customization, precautions, specifications, and parts identification.

[ORDRO M5 Video Camera User Manual](#)

A comprehensive user guide for the ORDRO M5 video camera, detailing its features, operation, setup, troubleshooting, and specifications. Learn how to record videos, capture photos, utilize Wi-Fi connectivity, and connect to your computer.