## ORDRO HDR-AC3

# ORDRO HDR-AC3 4K Camcorder Instruction Manual

Model: HDR-AC3

## 1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your ORDRO HDR-AC3 4K Camcorder. Please read these instructions carefully before using the device to ensure optimal performance and longevity.




Figure 1: ORDRO HDR-AC3 4K Camcorder with attached microphone, wide-angle lens, lens hood, and camera handle.

## 2. Product Overview

### 2.1 Key Features

- 4K (2880*2160) 24fps video resolution.
- Multiple resolutions: 2K@30fps, 1080P@60FPS, 720P@120FPS.
- 3.1-inch IPS capacitive touch panel.
- 30X digital zoom (no optical zoom).
- Sony IMX258 CMOS Sensor (24.0MP by interpolation).
- IR Night Vision capability.
- Time-Lapse function.
- WiFi connectivity for remote control and file transfer via app.
- Can be used as a webcam.

### 2.2 Included Accessories

The ORDRO HDR-AC3 camcorder comes with the following accessories:

- External Microphone
- Wide Angle Lens (2-in-1 0.39x with macro lens)
- Lens Hood
- Camera Handle (Handheld Stabilizer)
- Remote Control
- Battery Charger
- 2 x NP-120 Lithium batteries (3.7V, 1700mAh)
- Lens Cap
- Camera Bag
- Strap
- USB Cable
- HDMI Cable

## 3. Setup

### 3.1 Battery Installation

1. Ensure the camcorder is powered off.
2. Locate the battery compartment on the camcorder.
3. Insert the NP-120 Lithium battery, ensuring correct polarity.
4. Close the battery compartment securely.
5. Charge the battery using the provided charger before first use.

### 3.2 SD Card Installation

A memory card is required for recording. The camcorder supports standard SD cards up to 128GB (Class 10 or above recommended).

1. Ensure the camcorder is powered off.
2. Locate the SD card slot.
3. Insert the SD card gently until it clicks into place.

4. It is recommended to format the SD card within the camcorder's settings before initial use.

### 3.3 Attaching Accessories

- **External Microphone:** Attach the microphone to the hot shoe mount on the camcorder. Use the mini USB/mic adapter to connect the microphone to the camcorder and set the microphone to "+10dB" for optimal sound quality.
- **Wide Angle Lens/Lens Hood:** Screw the wide-angle lens onto the camcorder's main lens. The lens hood can then be attached to the wide-angle lens to block excess light and protect the lens.
- **Camera Handle:** Attach the camera handle to the bottom of the camcorder for improved stability during recording, especially for low-angle shots.

## 4. Operating Instructions

### 4.1 Power On/Off

Press and hold the power button for approximately 3 seconds to turn the camcorder on or off.

### 4.2 Recording Video

1. Ensure the camcorder is in video mode (use the mode switch).
2. Press the record button (located at the back) to start recording.
3. Press the record button again to stop recording.

### 4.3 Taking Photos

1. Ensure the camcorder is in photo mode (use the mode switch).
2. Press the snapshot button to capture a still image.

### 4.4 Zoom Functionality

The camcorder features 30X digital zoom. Use the zoom controls on the top of the unit to adjust the zoom level. Note that this is a fixed zoom lens, requiring a focus distance of 3 feet or more. For close-ups, use the macro lens and maintain a distance of 0.16-0.3 feet from the subject.

### 4.5 IR Night Vision

To activate IR Night Vision, turn on the IR light (built-in). In this mode, images will be black and white. The effective distance for IR Night Vision is less than 16 feet.

### 4.6 Time-Lapse Function

Enable the time-lapse function through the camcorder's menu to record scenes over extended periods. For long recordings, connect an external power supply to the camcorder. The camcorder supports recording while charging.

### 4.7 WiFi Connectivity and App Usage

The camcorder supports WiFi connectivity. Press and hold the WiFi button for 3 seconds to activate it. Download the dedicated app (available for Android and iOS) to remotely control the camcorder, view live footage, and transfer recorded content to your smartphone or tablet.

### 4.8 Remote Control

Use the provided remote control for convenient operation. When using the remote control, ensure the wide-angle lens is removed, as it may obstruct the infrared signal receiver.

### 4.9 Webcam Functionality

Connect the camcorder to a computer via USB to use it as a webcam for live streaming or video calls.

Video 1: An overview of the ORDRO AC3 4K Camcorder's features and accessories, demonstrating its capabilities and components.

## 5. Maintenance

### 5.1 General Care

- Avoid exposing the camcorder to extreme temperatures, humidity, or dust.
- Store the camcorder in its protective bag when not in use.
- Handle the camcorder with care to prevent physical damage.

### 5.2 Cleaning

- Use a soft, dry microfiber cloth to clean the camcorder body and screen.
- For lenses, use a specialized lens cleaning solution and cloth to avoid scratches.

## 6. Troubleshooting

If you encounter issues with your ORDRO HDR-AC3 camcorder, please refer to the following common solutions:

- **Image Blur/Out of Focus:** This camcorder has a fixed zoom lens. Ensure your subject is at least 3 feet away. If using the macro lens, maintain a distance of 0.16-0.3 feet.
- **Recording Issues:** Verify that an SD card (Class 10 or above, 32-128GB recommended) is correctly inserted and formatted. Check battery charge level.
- **Remote Control Not Responding:** Ensure the wide-angle lens is removed, as it can block the infrared signal. Check remote control battery.
- **WiFi Connectivity Problems:** Confirm WiFi is enabled on the camcorder and your mobile device. Ensure the correct app is installed and updated.
- **No Audio Recording:** If using an external microphone, ensure it is properly connected via the mini USB/mic adapter and set to "+10dB". Check microphone battery if applicable.

If problems persist, contact customer support for further assistance.

## 7. Specifications

| Feature | Specification |
| --- | --- |
| Model Number | HDR-AC3 |
| Sensor | Sony IMX258 CMOS Sensor (24M by interpolation) |
| Image Resolution | 24M / 20M / 16M / 13M / 10M / 7M(HD) / 5M / 3M / 2M(HD) / VGA |
| Video Resolution | UHD: 3840*2160 "DAR" (24fps), QHD: 2560*1440 (30fps), FHD: 1920*1080 (60fps), HD: 1080*720 (120fps), VGA: 640*480 (30fps) |
| External Storage | Supports 128GB SD Card (Class 10 or above recommended) |

| Feature | Specification |
|---|---|
| LCD Screen | 3.1" IPS LCD touch screen |
| Camcorder Lens | f=4.88mm, FNo 2.2 |
| Zoom | 30X digital zoom (No Optical Zoom) |
| Battery | NP-120 Lithium battery (3.7V, 1700mAh), 2 included |
| Battery Life | Video ≤ 120mins, Photos ≤ 150mins |
| IR Light | 1 x LED IR CUT dual filter, effective distance <16 ft |
| Connectivity | USB2.0 / HDMI 1.3, WiFi |
| Dimensions | 5.04 x 2.68 x 2.75 inches |
| Weight | 10.6 ounces |

## 8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or contact the retailer/manufacturer directly. Keep your proof of purchase for warranty claims.


### 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**

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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