

ORDRO AC3 LED 550

ORDRO UHD 4K Video Camera AC3 LED 550 Instruction Manual

Model: AC3 LED 550

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your ORDRO UHD 4K Video Camera AC3 LED 550. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

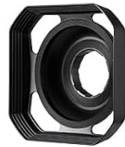
Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



CONTENTS



Microphone



Lens Hood



Wide Angle Lens



Camera Holder



LED Light



2 in 1 Adapter Line



Remote Control



Lens Cover



HDMI Cable



USB Cable



SD Card



Charge



Batteries



User Manual



Camcorder Bag

Figure 2.1: Included Accessories and Components

- AC3 Camcorder
- Microphone (CM550 directional)
- Lens Hood
- LED Light
- Wide Angle Lens (0.39X 72mm)
- Lens Covers
- Handheld Stabilizer
- Cold Shoe
- Battery Charger
- USB Cable
- Adapter Cable (1 to 2 USB/MIC)
- HDMI Cable
- SD Card (64GB)
- Remote Control
- NP-120 Lithium Batteries (2 included)
- User Manual (this document)

- Carrying Case

3. SETUP

3.1. Battery Installation and Charging

1. Open the battery compartment cover on the camcorder.
2. Insert the NP-120 Lithium Battery, ensuring correct polarity. Close the cover securely.
3. To charge the battery, connect the battery charger to a power source and insert the battery. The LED indicator on the charger will show charging status.
4. The camcorder supports recording while charging via an external power bank or adapter connected to the USB port.

3.2. SD Card Insertion

1. Locate the SD card slot on the camcorder.
2. Insert the provided 64GB SD card (or another compatible SD card, up to 256GB) into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. To remove, gently push the card inward until it springs out.

3.3. Attaching Accessories



Figure 3.1: Camcorder with Attached Accessories

3.3.1. Microphone Attachment

1. Slide the microphone onto the camcorder's hot shoe mount.
2. Connect the microphone's 3.5mm audio jack to the camcorder using the 1 to 2 USB/MIC adapter cable.
3. Ensure the microphone has its own power source (if applicable) and is switched on.



Figure 3.2: CM550 Directional Microphone

3.3.2. LED Video Light Attachment

1. Slide the LED video light onto an available hot shoe mount (either on the camcorder or the handheld stabilizer).
2. Power on the LED light and adjust brightness/color temperature as needed.



Figure 3.3: LED Video Light

3.3.3. Wide Angle Lens Attachment

1. Remove the protective cap from the camcorder's lens.
2. Screw the wide-angle lens onto the front of the camcorder's main lens.
3. The wide-angle lens includes a detachable macro lens for close-up shots.



3.3.4. Handheld Stabilizer Assembly

1. Unfold the handheld stabilizer into its 'L' shape configuration.
2. Mount the camcorder onto the stabilizer's screw mount.
3. Additional accessories like the LED light can be mounted on the stabilizer's cold shoe.



Figure 3.5: Handheld Stabilizer Usage

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press and hold the power button located on the camcorder to turn it on or off.

4.2. Using the IPS Touch Screen

The 3.0-inch IPS touch-sensitive screen can be flipped 270 degrees for various viewing angles, including self-recording. Navigate menus and settings by tapping the screen.

Figure 4.1: Camcorder with Open Screen

4.3. Recording Video and Taking Photos

Use the mode switch to select between video recording and photo capture modes. Press the record/shutter button to start/stop recording or take a photo.

4.4. Digital Zoom

The camcorder features 30X digital zoom. Use the zoom controls (typically a rocker switch) to adjust the magnification during recording or standby.

4.5. Night Vision Function

Activate the IR Night Vision mode for recording in low-light or dark conditions. The camcorder can capture clear images up to 3.5 meters in the dark.



Figure 4.2: Night Vision Example

4.6. Time-Lapse Video

The camcorder supports time-lapse video recording. You can set intervals of 1, 3, or 5 seconds between shots to create high-quality 4K time-lapse videos.

See Times Change with Time-Lapse Video



It can shoot a scene with a chosen interval 1sec, 3sec or 5sec between each shot and edit the sequence into a high-quality 4K time-Lapse video



Figure 4.3: Time-Lapse Video Demonstration

4.7. Webcam Functionality

Connect the camcorder to a computer via USB to use it as a webcam for live streaming on platforms like YouTube, Facebook, or other social media.

4.8. Remote Control Operation

The included remote control allows for convenient operation of various functions from a distance, such as starting/stopping recording, zooming, and navigating menus.



Figure 4.4: Remote Control

4.9. Wi-Fi Connectivity

The camcorder supports Wi-Fi for transmitting resolution 640*360(30fps). Refer to the on-screen menu for Wi-Fi setup and connection instructions.

4.10. HDMI Output

Connect the camcorder to an external display using the provided HDMI cable to view your recordings on a larger screen.

5. MAINTENANCE

5.1. Cleaning

- Use a soft, dry cloth to clean the camcorder body.
- For the lens and screen, use a specialized lens cleaning cloth and solution to avoid scratches.
- Do not use harsh chemicals or abrasive materials.

5.2. Storage

- When not in use for extended periods, remove the batteries.
- Store the camcorder in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use the provided carrying case for protection during storage and transport.

6. TROUBLESHOOTING

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

- **Camcorder does not power on:** Ensure batteries are correctly inserted and fully charged. Try using the second included battery.
- **Recording issues (e.g., blurry video, poor quality):** Check that the lens is clean and free from smudges. Ensure sufficient lighting for optimal video quality. Verify that the correct resolution settings are selected.
- **Microphone not recording audio:** Confirm the microphone is properly connected and powered on (if it has its own battery). Check audio input settings on the camcorder.
- **Screen unresponsive or sluggish:** Restart the camcorder. Ensure the screen is clean.

- **Accessories not functioning:** Verify all accessories are securely attached and, if applicable, have their own power source and are switched on.
- **Connectivity problems (Wi-Fi, HDMI):** Ensure cables are securely connected. For Wi-Fi, check network settings and signal strength.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the ORDRO AC3 LED 550 Camcorder:



Figure 7.1: ORDRO 4K Camcorder AC3 Specification Table

Feature	Specification
Brand	ORDRO
Model Number	AC3 LED 550
Sensor	13MP Sony High Sensitivity CMOS Sensor
Lens	f=4.88mm Fno:2.2
Digital Zoom	30X
LCD Screen	3.0" IPS touch screen (270-degree flip)
Image Resolution	Up to 30MP (interpolation), 6400x4800 (30M), 5600x4200 (24M), etc.

Feature	Specification
Video Resolution	UHD (4K): 3840x2160 (24fps) QHD (2K): 2560x1440 (30fps) FHD (1080P): 1920x1080 (30/60fps) HD (720P): 1280x720 (30/120fps) VGA: 640x480 (30fps)
Memory Card	External SD Card (Max. 256GB)
Night Vision	Supported, 3.5 meters distance
Wi-Fi Connection	Wi-Fi Transmitting Resolution 640*360 (30fps)
HDMI	Mini C Type, HDMI V1.4
Battery	NP-120 Lithium Battery, 3.7V 1700mAh
Battery Life (approx.)	4K: 90 mins 1080P: 110 mins 720P: 110 mins
Item Weight	Approx. 370g ±5g (without accessories)
Product Dimensions	10.24 x 5.91 x 9.06 inches
Operating Temperature	0-40 °C / 0-104 °F
Compatible System	Windows XP/Vista/7/8/10, MAC OS

8. WARRANTY AND SUPPORT

8.1. Warranty Information

This product includes a one-year free warranty service from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

8.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your ORDRO UHD 4K Video Camera AC3 LED 550, please contact ORDRO customer support through the retailer where the product was purchased or visit the official ORDRO website for contact information.

<div><div>Order view</div><div>Thank you for purchasing the portable digital video camera. This camera features video recording at 4K (3840 resolution) at 30FPS/25FPS. It features Sony 1/2.3 inch image sensor in 28MP video recording format. The video file image range is 100% wider than high image quality. You can connect your camera via USB-C using your computer. Please remember to connect the camera to the screen and use your phone to record or shooting.</div><div><div>Safety Instructions</div><ul style="list-style-type: none">Do not force, tug and to purchase the camera.Do not expose the camera to high/low temperature, excessive dust, humidity or strong vibration, otherwise the product may be damaged.Do not use excessive force when to connect to other the product.Do not disassemble this camera or attempt to repair or modify it in any manner. If there is any damage to the camera, stop using the camera and return this product to the store where you have purchased it from, the product will be sent back to the company and for.<div>Caution</div><ul style="list-style-type: none">Keep children away from the product, controller and its packaging materials. It may cause suffocation.Do not let the product or its accessories drop, cause an explosion.Remove the battery from the camera as indicated by the mark for long periods, and please fully charge the battery before using it again.</div></div>	<div><div>ORDRO HDR-AC3 4K Camcorder User Manual</div><div>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.</div></div>
<div><div><div>Table of Contents</div><div><ul style="list-style-type: none">Camcorder And Accessories.....1Components Guide.....2Charging The Camcorder.....3Using A Memory Card.....4Start Using.....5Playback.....13System Settings.....14Connecting To A Computer.....16APP.....18FAQ.....20Cable And Solutions.....21Technical Specifications.....23</div></div></div>	<div><div>ORDRO M5 Camcorder User Manual: Setup, Operation, and Features</div><div>Comprehensive guide for the ORDRO M5 camcorder, covering accessories, operation, video/photo modes, system settings, connectivity, troubleshooting, and technical specifications.</div></div>
<div><div><div>Introduction</div><div>Thank you for purchasing the product ORDRO EP8. By reading from the first page to last, you can make the ORDRO video and photos through better and smoother. Besides, you can download a special APP to better synchronize camera the pictures and operate this using the APP to record videos and photos after connecting to Wi-Fi. You can edit the videos and photos on the APP and share them to your social platform.</div><div><div><div>Safety</div><div><ul style="list-style-type: none">Do not force the product to connect any storage, host, or connect anything else except the camera, otherwise the camera will be damaged.Do not expose the camera to high/low temperature, excessive dust, humidity or strong vibration, otherwise the product may be damaged.Do not use excessive force when to connect to other the product.Do not disassemble this camera or attempt to repair or modify it in any manner. If there is any damage to the camera, stop using the camera and return this product to the store where you have purchased it from, the product will be sent back to the company and for.</div><div><div>Warning</div><div><ul style="list-style-type: none">Do not use the product to connect any storage, host, or connect anything else except the camera, otherwise the camera will be damaged.Do not expose the camera to high/low temperature, excessive dust, humidity or strong vibration, otherwise the product may be damaged.Do not use excessive force when to connect to other the product.Do not disassemble this camera or attempt to repair or modify it in any manner. If there is any damage to the camera, stop using the camera and return this product to the store where you have purchased it from, the product will be sent back to the company and for.</div></div></div></div></div></div>	<div><div>ORDRO EP8 Wearable Camcorder User Manual and Guide</div><div>Comprehensive user manual for the ORDRO EP8 wearable FPV camcorder. Covers setup, operation, features, troubleshooting, technical specifications, and app usage.</div></div>
<div><div><div>Table of Contents</div><div><ul style="list-style-type: none">Camcorder And Accessories.....1Features And Operation Overview.....2Charging The Camcorder.....4Using A Memory Card.....5Start Using.....6Video Recording Operation.....8Photo Shooting Operation.....11Playback.....14System Settings.....15Connecting To Computer.....17APP.....18FAQ.....21Cable And Solutions.....22Technical Specifications.....24</div></div></div>	<div><div>ORDRO M5 Camcorder User Manual and Guide</div><div>Comprehensive user manual for the ORDRO M5 camcorder, covering setup, operation, features, troubleshooting, and technical specifications.</div></div>
<div><div><div>目次</div><div><ul style="list-style-type: none">カメラと付属品.....1充電方法.....2メモリーカードの使用.....4カメラの起動.....5撮影モード.....6撮影設定.....8カメラの充電.....9カメラの充電.....11カメラの充電.....12カメラの充電.....13カメラの充電.....14カメラの充電.....15カメラの充電.....16カメラの充電.....17カメラの充電.....18カメラの充電.....19カメラの充電.....20カメラの充電.....21カメラの充電.....22</div></div></div>	<div><div>ORDRO M5 Video Camera User Manual</div><div>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.</div></div>

目录	
• 第一部分：绪论	1
• 第二部分：基础理论	2
• 第三部分：应用案例	4
• 第四部分：实验设计	5
• 第五部分：数据分析	6
• 第六部分：结论与展望	8
• 第七部分：参考文献	10
• 第八部分：附录	13
• 第九部分：致谢	14
• 第十部分：索引	16
• 第十一部分：附录	17
• 第十二部分：附录	20
• 第十三部分：附录	21
• 第十四部分：附录	22

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