

ORDRO Z88

ORDRO 4K Video Camera Camcorder Z88 User Manual

Model: Z88

1. INTRODUCTION

This manual provides detailed instructions for the ORDRO 4K Video Camera Camcorder Z88. Please read this manual thoroughly before using the camcorder to ensure proper operation and to maximize its features. Keep this manual for future reference.

The ORDRO Z88 is a versatile 4K camcorder designed for high-quality video recording and photography. It features 4K Ultra HD video capture, 30MP still image resolution, 10X optical zoom, and a 3.0-inch rotatable IPS touchscreen. Additional functionalities include Wi-Fi connectivity, webcam capability, and support for external accessories like microphones and stabilizers.

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- 1 x ORDRO 4K Video Camera Camcorder Z88
- 1 x External Microphone
- 1 x Lens Hood
- 1 x Handheld Stabilizer (Camera Bracket)
- 2 x Rechargeable Lithium-Ion Batteries
- 1 x USB Cable
- 1 x HDMI Cable
- 1 x Remote Control
- 1 x 32GB SD Card
- 1 x Card Reader
- 1 x Lens Cap
- 1 x 1 to 2 Adapter
- 1 x User Manual

- 1 x Camcorder Bag

WHAT YOU GET for This **4K** CAMERA



A comprehensive list of items included with the ORDRO 4K Camcorder: USB charger, remote control, external microphone, lens hood, handheld stabilizer, HDMI cable, lens cover, 32GB SD card, card reader, user manual, two rechargeable batteries, and a camcorder bag.

3. PRODUCT OVERVIEW

3.1 Camcorder Components



The ORDRO 4K Video Camera Camcorder Z88, presented with its key accessories: an external microphone, lens hood, handle stabilizer, two rechargeable batteries, a 32GB SD card, and a remote control.

Familiarize yourself with the camcorder's main parts and controls:

- **Lens:** Captures video and photo.
- **3.0" IPS Touchscreen:** Rotatable display for viewing and menu navigation.
- **Power Button:** Turns the camcorder on/off.
- **Record/Shutter Button:** Starts/stops video recording or takes a photo.
- **Zoom Lever:** Controls optical and digital zoom.
- **Hot Shoe:** For attaching external accessories like the microphone.
- **Battery Compartment:** Houses the rechargeable battery.
- **SD Card Slot:** For inserting the memory card.
- **USB Port:** For charging, data transfer, and webcam function.
- **HDMI Port:** For connecting to a TV or monitor.
- **Microphone Input:** For connecting the external microphone.

4. SETUP

4.1 Battery Installation and Charging

1. Open the battery compartment cover on the bottom of the camcorder.
2. Insert a rechargeable lithium-ion battery, ensuring the correct orientation.
3. Close the battery compartment cover.
4. To charge, connect the camcorder to a power source using the provided USB cable. The charging indicator will illuminate.
5. A full charge typically takes several hours. The indicator will change or turn off when charging is complete.

4.2 Memory Card Installation

1. Locate the SD card slot, usually on the side or bottom of the camcorder.
2. Insert the 32GB SD card (or another compatible SDXC card up to 256GB) with the metal contacts facing the correct direction, as indicated by a diagram near the slot.
3. Push the card gently until it clicks into place. To remove, push it again until it springs out.

4.3 Attaching Accessories

External Microphone

1. Slide the external microphone onto the hot shoe mount located on top of the camcorder.
2. Secure it by tightening the locking mechanism if present.
3. Connect the microphone cable to the camcorder's microphone input port.



The external microphone connects to the camcorder to significantly improve audio recording quality.

Lens Hood

1. Attach the lens hood to the front of the camcorder lens by screwing it on or aligning it with the bayonet mount and twisting until secure.



The lens hood helps to prevent glare and lens flare, improving image contrast and quality.

Handheld Stabilizer

1. Unfold the handheld stabilizer into the desired grip configuration.
2. Mount the camcorder onto the stabilizer's screw mount and tighten securely.



The included handheld stabilizer enhances shooting stability, particularly useful for dynamic scenes or when moving.



The versatile handheld stabilizer can be folded for compact storage or unfolded for use as a grip or tabletop tripod.

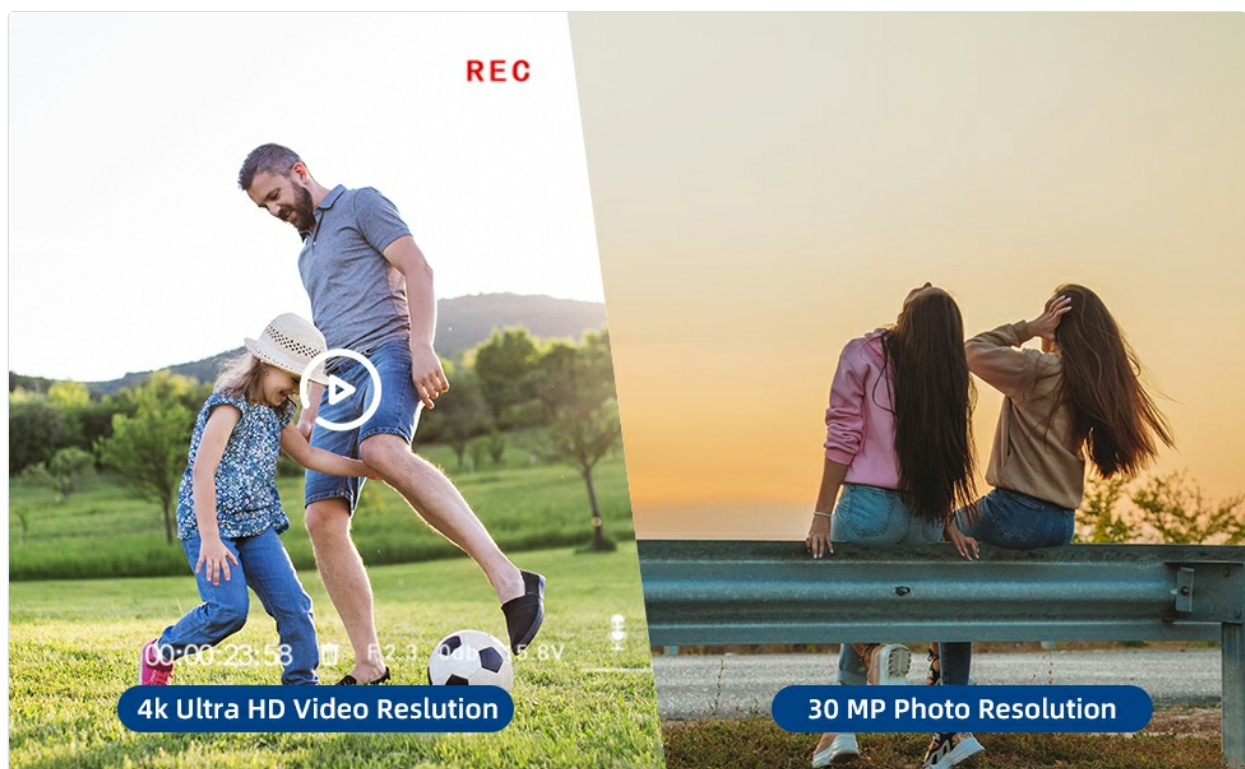
5. BASIC OPERATION

5.1 Power On/Off

Press and hold the **Power Button** for a few seconds to turn the camcorder on or off.

5.2 Recording Video

1. Turn on the camcorder.
2. Ensure the camcorder is in video recording mode (indicated on the screen).
3. Press the **Record Button** once to start recording. A red indicator or 'REC' icon will appear on the screen.
4. Press the **Record Button** again to stop recording.



The camcorder records in 4K Ultra HD video resolution and captures still images at 30 megapixels, providing high-quality visual content.

5.3 Taking Photos

1. Turn on the camcorder.
2. Switch to photo mode (if not already in it).
3. Frame your shot using the touchscreen.
4. Press the **Shutter Button** (often the same as the Record Button, or a dedicated button) to take a photo.

5.4 Zoom Function

Use the **Zoom Lever** to adjust the focal length. The camcorder features 10X optical zoom for clear magnification and 120X intelligent zoom for extended reach.



10X

Optical Zoom



10X

Digital Zoom

10X Optical Zoom

Max Zoom with 10x optical, 12x digital & 120x intelligent



This image illustrates the difference between optical and digital zoom. The ORDRO camcorder features 10X optical zoom for clear magnification and 120X intelligent zoom for extended reach, maintaining image quality with optical zoom.



Demonstration of the camcorder's 10X optical zoom and 120X digital zoom, allowing users to capture distant subjects with clarity.

5.5 Touch Screen Operation

The 3.0-inch IPS touchscreen allows for intuitive navigation through menus, settings, and playback. Tap icons to select options, and swipe to browse.



The camcorder features a 3.0-inch IPS touchscreen that can rotate 270 degrees, providing flexibility for shooting from various angles and easy operation.

6. ADVANCED FEATURES

6.1 Wi-Fi Connection (App Usage)

1. Download the "D Video" app from your smartphone's app store.
2. Enable Wi-Fi on the camcorder through the menu settings.

3. Connect your smartphone to the camcorder's Wi-Fi network (SSID and password displayed on the camcorder screen).
4. Open the "D Video" app to control the camcorder remotely, view live footage, or transfer files.



The camcorder supports Wi-Fi connectivity via the 'D Video' app for smartphone control and includes a dedicated remote control for convenient operation.



The Wi-Fi connection feature allows for remote monitoring and control of the camcorder via a smartphone app, useful for

various scenarios.

6.2 Webcam Functionality

Connect the camcorder to your computer using the USB cable. Select the "Webcam" option on the camcorder's screen when prompted. The camcorder will then function as a webcam for video calls or live streaming.

6.3 HDMI Output

Use the provided HDMI cable to connect the camcorder to a TV or monitor for viewing your recorded videos and photos on a larger screen.



Instructions for connecting the camcorder to a TV using an HDMI cable for playback, or to a computer via USB to function as a webcam.

6.4 Special Recording Modes

The camcorder supports various creative recording modes:

- **Pause Function:** Allows you to pause and resume video recording within a single file.
- **Slow Motion:** Records video at a higher frame rate for slow-motion playback.
- **Time-Lapse:** Captures a series of still images over time and stitches them into a video.
- **Timing Shooting:** Sets a delay before taking a photo.
- **Quick 3 Burst Shot:** Captures multiple photos in quick succession.
- **Macro Shooting:** For extreme close-up photography.

Pause Fuction



Slow-motion



Time-lapse



This image highlights the camcorder's versatile recording modes, including the ability to pause and resume recording, capture slow-motion video, and create time-lapse sequences.



A visual guide to the camcorder's diverse shooting modes, including pause, timed shooting, time-lapse, remote control shooting, quick burst shots, slow motion, and macro photography.

6.5 Remote Control

The included remote control allows for convenient operation of the camcorder from a distance, useful for self-recording or group shots.

7. MAINTENANCE

7.1 Cleaning

- Use a soft, dry cloth to clean the camcorder body.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid touching the lens surface with your fingers.
- Do not use strong detergents or solvents.

7.2 Storage

- Store the camcorder in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove the battery if the camcorder will not be used for an extended period.
- Use the provided camcorder bag for protection during storage and transport.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|---|---|---|
| Camcorder does not power on. | Battery is depleted or incorrectly inserted. | Charge the battery or re-insert it correctly. |
| Cannot record video/take photos. | Memory card is full, locked, or not inserted. | Insert a new/unlocked SD card, or delete existing files. |
| Poor image/video quality. | Lens is dirty, lighting is insufficient, or settings are incorrect. | Clean the lens, ensure adequate lighting, adjust exposure settings. |
| Wi-Fi connection issues. | Incorrect password, camcorder Wi-Fi not enabled, or app issue. | Verify Wi-Fi settings, restart camcorder and smartphone app. |
| Auto-focus struggles with close subjects. | Subject is too close or lighting is poor. | Ensure subject is within 5cm-50cm range for optimal close-up focus. Improve lighting. |

9. SPECIFICATIONS

| Feature | Detail |
|-------------------|--|
| Video Resolution | 4K Ultra HD (24fps), 1080p Full HD (60fps) |
| Photo Resolution | 30 Megapixels |
| Optical Zoom | 10X |
| Intelligent Zoom | 120X |
| Screen | 3.0-inch 270° Rotatable IPS Touchscreen |
| Sensor Technology | CMOS |
| Connectivity | Wi-Fi, USB, HDMI |
| Storage Media | SDXC Card (up to 256GB) |
| Battery Type | Lithium Ion (NP-40 type) |
| Special Features | Built-In Light, Microphone Input, Remote Control, Time Lapse, Touchscreen, Webcam Function, Pause Function, Face Capture |

| Feature | Detail |
|--------------|--------|
| Model Number | Z88 |

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact ORDRO customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.