

Sony HDR-CX230

Sony HDR-CX230 High Definition Handycam Camcorder User Manual

Model: HDR-CX230/B

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1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Sony HDR-CX230 High Definition Handycam Camcorder. Please read this manual thoroughly before operating the device and retain it for future reference. This camcorder is designed for capturing high-quality video and still images.

2. PRODUCT OVERVIEW

2.1 Key Features

- Records 1920x1080 Full HD 60p video with an 8.9MP Exmor R CMOS Sensor.
- Features SteadyShot image stabilization to reduce blur during recording.
- Equipped with 27x Optical Zoom and 32x Extended Zoom for capturing distant subjects.
- Includes a 2.7-inch wide Clear Photo LCD display (230K dots) for framing and playback.
- Offers up to 3 hours and 10 minutes of recording time with 16GB embedded Flash Memory.

2.2 Package Contents

Ensure all items listed below are present in your product package:

- Sony HDR-CX230/B High Definition Handycam Camcorder
- Rechargeable Battery Pack
- USB Cable
- User Manual (this document)
- HDMI Cable

Note: An AC adapter is not included with this model. Charging is typically performed via the supplied USB cable.



Figure 2.1: Front view of the Sony HDR-CX230 Handycam with the LCD screen open, displaying a vibrant beach landscape. This image illustrates the camcorder's compact design and the clarity of its display.

3. SETUP

3.1 Charging the Battery

1. Ensure the camcorder is powered off.
2. Connect the supplied USB cable to the camcorder's USB port.
3. Connect the other end of the USB cable to a powered USB port on a computer or a compatible USB AC adapter (sold separately).
4. The charging indicator light will illuminate. Charging is complete when the light turns off.

A full charge typically provides approximately 3 hours of continuous recording time.

3.2 Inserting a Memory Card

The camcorder supports SD (SDHC/SDXC) and Memory Stick PRO Duo media. It also has 8GB of internal flash memory.

1. Open the memory card slot cover, usually located on the bottom or side of the camcorder.
2. Insert the memory card with the correct orientation until it clicks into place.
3. Close the memory card slot cover securely.



Figure 3.1: Side view of the Sony HDR-CX230 Handycam with the LCD screen closed, highlighting its compact form factor. This view typically shows the location of ports and memory card slots.

4. OPERATION

4.1 Powering On/Off

To power on the camcorder, open the LCD panel. To power off, close the LCD panel.

4.2 Recording Videos

1. Open the LCD panel to power on the camcorder.
2. Point the lens towards your subject.
3. Press the **START/STOP** button (usually located at the back or top of the camcorder) to begin recording. The recording indicator will appear on the LCD.
4. Press the **START/STOP** button again to stop recording.

The camcorder records in Full HD 1080p at 60 frames per second, utilizing the 8.9MP Exmor R CMOS Sensor for clear images.

4.3 Capturing Still Images

While in video recording mode, you can capture still images:

- Press the **PHOTO** button (typically near the zoom lever) to take an 8.9-megapixel still image.
- The image will be saved to the selected recording media.

4.4 Zoom Function

Use the zoom lever, located on the top of the camcorder, to adjust the focal length:

- Push the lever towards **W** (Wide) to zoom out.
- Push the lever towards **T** (Telephoto) to zoom in.

The camcorder features 27x optical zoom and up to 32x extended zoom.

4.5 Playback

1. Open the LCD panel.
2. Navigate to the playback mode using the menu or a dedicated playback button (refer to the on-screen guide for specific navigation).
3. Select the video or image you wish to view using the joystick-type navigation button.
4. Press the play button to start video playback.



Figure 4.1: View of the Sony HDR-CX230 Handycam with its LCD screen open, revealing the control buttons and joystick on the screen bezel. This interface is used for menu navigation and playback.

5. MAINTENANCE

5.1 Cleaning the Camcorder

- Use a soft, dry cloth to clean the exterior of the camcorder.
- For the lens, use a specialized lens cleaning cloth and lens cleaning fluid. Avoid touching the lens directly with your fingers.
- Do not use strong chemical cleaners or solvents, as they may damage the finish.

5.2 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.
- Keep the lens cap on to protect the lens from dust and scratches.

6. TROUBLESHOOTING

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

6.1 Power Issues

- **Camcorder does not turn on:** Ensure the battery is fully charged and correctly inserted. Try charging the battery again.

- **Battery drains quickly:** Reduce screen brightness, limit continuous recording, and ensure the camcorder is powered off when not in use.

6.2 Recording Issues

- **Cannot record:** Check if a memory card is inserted and has sufficient free space. Ensure the camcorder is not in playback mode.
- **Blurry images/videos:** Activate SteadyShot image stabilization. Ensure the lens is clean. Check lighting conditions.
- **Grainy video in low light:** This camcorder features an Exmor R CMOS sensor for improved low-light performance, but extreme low-light conditions may still result in some grain. Ensure adequate lighting where possible.

6.3 Playback Issues

- **No sound during playback:** Check the volume settings on the camcorder or connected display.
- **Cannot view files on computer:** Ensure the camcorder is connected correctly via USB. You may need to install necessary drivers or use compatible software for file transfer.

7. SPECIFICATIONS

Feature	Detail
Model Number	HDR-CX230/B
Video Capture Resolution	1080p Full HD (1920x1080)
Effective Still Resolution	8.9 MP
Sensor Type	Exmor R CMOS
Optical Zoom	27x
Extended Zoom	32x
Screen Size	2.7 Inches Clear Photo LCD (230K)
Image Stabilization	SteadyShot
Internal Flash Memory	8 GB
Compatible Memory Cards	SD (SDHC/SDXC), Memory Stick PRO Duo
Connectivity	HDMI, USB
Battery Average Life	Approx. 3 Hours
Item Weight	6.3 Ounces

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Sony support website. Sony provides customer support for product inquiries, technical assistance, and service requests. You can find further assistance and contact information on the [Sony Support Website](#).

