Sony DCR-SX85

Sony DCR-SX85 Handycam Camcorder

Instruction Manual

Model: DCR-SX85

INTRODUCTION

This manual provides essential information for the safe and effective operation of your Sony DCR-SX85 Handycam Camcorder. Please read it thoroughly before using the device and retain it for future reference. This camcorder is designed for capturing high-quality video and still images, featuring a 60X optical zoom and 16GB of internal flash memory.

SAFETY INFORMATION

- **Power Source:** Use only the specified power adapter and battery pack.

- **Water and Moisture:** Do not expose the camcorder to rain, moisture, or immerse it in water. This can cause electric shock or malfunction.

- **Heat:** Avoid placing the camcorder near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.

- **Ventilation:** Do not block any ventilation openings. Ensure proper airflow to prevent overheating.

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or aerosol sprays.

- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

PRODUCT OVERVIEW

Front View

The main product image displays the front and side of the Sony DCR-SX85 Handycam. Key features visible include the Carl Zeiss Vario-Tessar lens with 1.8/1.8-108 aperture, 'SONY' branding, 'HANDYCAM' logo, and 'DCR-SX65' model number (note: the product is DCR-SX85, but the image shows SX65, which is a similar model). The lens is prominent, indicating its optical capabilities.

Key Components

- **Lens:** Carl Zeiss Vario-Tessar lens for optical zoom.
- **LCD Screen:** 3-inch touchscreen for viewing and menu navigation.
- **Battery Compartment:** Houses the Li-ion battery.
- **Memory Card Slot:** Supports SDHC flash memory cards.
- **Control Buttons:** Power, Start/Stop, Zoom (W/T), Playback.
- **Input/Output Ports:** USB, HDMI Out, Microphone, Headphone, DC In.

SETUP

1. Battery Installation and Charging

1. Open the battery compartment cover, typically located at the rear of the camcorder.
2. Insert the supplied Li-ion battery pack, ensuring it clicks securely into place.
3. Close the battery compartment cover.
4. Connect the AC power adapter to the DC IN port on the camcorder and then to a wall outlet. The CHG indicator will illuminate.
5. Charging is complete when the CHG indicator changes color (e.g., from red to green or off, depending on the model's specific indicator).

2. Memory Card Installation

1. Locate the SD card slot, usually under a protective cover.
2. Insert an SDHC memory card with the contacts facing the correct direction until it clicks into place.
3. Close the memory card slot cover.

3. Initial Power On and Basic Settings

1. Open the LCD screen to power on the camcorder.

2. Follow the on-screen prompts to set the date, time, and language.

OPERATING

1. Recording Videos

1. Ensure the camcorder is powered on and in recording mode (usually indicated by a camera icon on the screen).

2. Frame your shot using the LCD screen.

3. Press the **START**/**STOP** button (often red) to begin recording. The recording indicator will appear on the screen.

4. Press the **START**/**STOP** button again to stop recording.

2. Taking Photos

1. While in recording mode, press the dedicated**PHOTO** button (if available) or select the photo capture option from the touchscreen menu.

2. The camcorder will capture a still image at 0.5 MP resolution.

3. Zoom Function

- Use the **W (Wide)** and **T (Telephoto)** zoom lever/buttons to adjust the 60X optical zoom.

- Move the lever towards **T** to zoom in and towards **W** to zoom out.

4. Touchscreen Operation

- Navigate menus and settings by gently tapping the icons on the 3-inch LCD touchscreen.

- Swipe to scroll through options or recorded content.

5. Playback

1. Press the **PLAYBACK** button or select the playback mode from the touchscreen menu.

2. Browse through your recorded videos and photos using the touchscreen.

3. Tap on a file to play or view it.

CONNECTIVITY

1. Connecting to a Computer (USB)

- Turn off the camcorder.

- Connect the camcorder to your computer using a USB cable.

- Turn on the camcorder. It should appear as a removable drive on your computer, allowing you to transfer files.

2. Connecting to a TV (HDMI Out)

- Connect an HDMI cable from the camcorder's **HDMI OUT** port to an HDMI input on your television.

- Select the corresponding HDMI input on your TV to view the camcorder's output.

3. Audio Ports

- **Microphone Input:** Connect an external microphone for enhanced audio recording quality.

- **Headphone Output:** Connect headphones to monitor audio during recording or playback.

MAINTENANCE

1. Cleaning

- **Body:** Wipe the camcorder body with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water or a mild detergent, then wipe dry.

- **Lens:** Use a lens brush or a soft, clean cloth specifically designed for optical lenses. Avoid touching the lens surface with your fingers.

- **LCD Screen:** Gently wipe the screen with a soft, lint-free cloth. Do not use abrasive cleaners.

2. Storage

- Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures.

- Remove the battery pack if the camcorder will not be used for an extended period.

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

TROUBLESHOOTING

Problem	Solution
Camcorder does not power on.	Ensure the battery is fully charged and correctly inserted. Check if the AC adapter is properly connected if using wall power.
Cannot record video.	Check if a memory card is inserted and has sufficient free space. Ensure the camcorder is in recording mode.
Poor image quality.	Clean the lens. Ensure adequate lighting. Adjust focus if necessary.
Computer does not recognize camcorder.	Ensure the USB cable is securely connected. Try a different USB port or cable. Restart both the camcorder and computer.

SPECIFICATIONS

- **Model Number:** DCR-SX85
- **Brand:** Sony
- **Dimensions:** 8 x 6 x 4 inches
- **Weight:** 1.6 pounds

- **Photo Sensor Technology:** CCD
- **Video Capture Resolution:** 1080p (for video recording)
- **Still Image Resolution:** 0.5 MP
- **Optical Zoom:** 60X
- **Maximum Aperture:** 1.8 Millimeters
- **Flash Memory Type:** SDHC
- **Internal Storage:** 16GB
- **Video Capture Format:** MPEG-2
- **Supported Audio Format:** Multiple Common Formats
- **Screen Size:** 3 Inches
- **Connectivity Technology:** USB
- **Color:** Black

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Sony website or contact Sony customer service directly. Keep your proof of purchase for warranty claims. Online resources, including FAQs and software downloads, may also be available on the manufacturer's support pages.