

## Sony DCR-DVD650

# Sony DCR-DVD650 DVD Handycam Camcorder Instruction Manual

Model: DCR-DVD650

## 1. INTRODUCTION

Thank you for purchasing the Sony DCR-DVD650 DVD Handycam Camcorder. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.

The DCR-DVD650 features a 1/6-inch Advanced HAD CCD imager, a Carl Zeiss Vario-Tessar lens with 40x optical zoom, a 2.5-inch touch-panel SwivelScreen LCD, and Super SteadyShot Image Stabilization for clear NTSC recording directly to DVD-R/-RW/+RW and +R DL (Dual Layer) discs.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons.

- **Power Source:** Use only the specified power adapter and battery pack.
- **Water and Moisture:** Do not expose the camcorder to rain or moisture.
- **Heat:** Keep the camcorder away from heat sources such as radiators, heat registers, stoves, or other products that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Battery Handling:** Handle batteries with care. Improper use may result in fire, explosion, or other hazards.

## 3. GETTING STARTED

### 3.1 Unboxing and Contents

Verify that all items are present in the package:

- Sony DCR-DVD650 Camcorder
- AC Adaptor
- Rechargeable Battery Pack
- A/V Connecting Cable
- USB Cable
- Application Software CD-ROM (if included)

### **3.2 Charging the Battery**

Before first use, fully charge the supplied rechargeable battery pack. Connect the AC adaptor to the camcorder and a wall outlet. The CHARGE lamp will light up during charging and turn off when complete.



**Image:** Rear view of the Sony DCR-DVD650 camcorder, showing the attached battery pack and various ports. The battery is easily removable by pressing a release button.

To attach/detach the battery: Slide the battery pack into the battery compartment until it clicks into place. To remove, press the BATT release lever and slide the battery out.

## 4. INITIAL SETUP

### 4.1 Powering On/Off

To power on the camcorder, open the LCD screen or pull out the viewfinder. To power off, close the LCD

screen and push in the viewfinder.



**Image:** The Sony DCR-DVD650 camcorder with its LCD screen rotated open, revealing the Carl Zeiss Vario-Tessar lens and the "Handycam" branding. The screen displays a vibrant beach scene.

## 4.2 Setting Date and Time

Upon first power-on or after the battery has been fully depleted, you may need to set the date and time. Use the touch-panel LCD to navigate to the menu and adjust these settings.

## 4.3 Inserting a DVD

Open the DVD compartment cover. Insert a compatible DVD-R/-RW/+RW or +R DL disc with the recording side facing the lens. Close the cover firmly until it clicks.



**Image:** The Sony DCR-DVD650 camcorder with its DVD compartment closed, showcasing the compact design and the "Handycam" logo. The lens is visible on the left side.

#### 4.4 Inserting a Memory Stick

The camcorder supports Memory Stick media for still image recording. Locate the Memory Stick slot, usually behind the LCD screen, and insert the card until it clicks.

### 5. OPERATING THE CAMCORDER

#### 5.1 Recording Video

With a formatted DVD inserted and the camcorder powered on, press the START/STOP button (usually located at the back or on the hand strap) to begin recording. Press it again to stop.

#### 5.2 Using the Zoom

Use the zoom lever (W/T) to zoom in (T) or zoom out (W). The DCR-DVD650 features a 40x optical zoom and up to 2000x digital zoom.

#### 5.3 Image Stabilization (Super SteadyShot)

The Super SteadyShot Image Stabilization feature helps reduce blur caused by camera shake. This feature is typically active by default or can be toggled via the menu.

#### 5.4 Playback

To play back recorded video, switch the camcorder to PLAY/EDIT mode (if available) or select the playback option from the menu. Use the touch-panel LCD to select and play your recordings.

Your browser does not support the video tag.

**Video:** A demonstration of the Sony DCR-DVD610 Camcorder, which shares many operational similarities with the DCR-DVD650. The video showcases the pop-out screen, battery compartment, and DVD loading mechanism.

## 6. MEDIA MANAGEMENT

### 6.1 One Touch Disc Burn

The camcorder supports One Touch Disc Burn, allowing you to easily finalize and burn your recordings to a DVD for playback on compatible DVD players.

### 6.2 Transferring Files

Connect the camcorder to a computer using the supplied USB 2.0 interface cable to transfer videos and still images from the DVD or Memory Stick.

## 7. CONNECTING TO OTHER DEVICES

- **USB:** Use the USB cable to connect to a computer for data transfer.
- **A/V Cable:** Connect the A/V connecting cable to a television or monitor to view your recordings directly from the camcorder.

## 8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camcorder body. For the lens, use a lens cleaning cloth and specialized lens cleaning fluid.
- **Storage:** Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery pack if storing for extended periods.

## 9. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camcorder does not power on.	Battery is depleted or not inserted correctly. Ensure battery is charged and properly seated.
Cannot record video.	No DVD inserted, DVD is full, or DVD is not finalized. Insert a new, formatted DVD.
Image is blurry or shaky.	Ensure Super SteadyShot is enabled. Check lens for smudges.
Cannot transfer files to computer.	Ensure USB cable is connected correctly. Install necessary drivers/software (if applicable).

## 10. SPECIFICATIONS

- **Model:** DCR-DVD650
- **Imager:** 1/6-inch Advanced HAD CCD
- **Lens:** Carl Zeiss Vario-Tessar

- **Optical Zoom:** 40x
- **Digital Zoom:** 2000x
- **LCD Screen:** 2.5-inch touch-panel SwivelScreen
- **Image Stabilization:** Super SteadyShot
- **Recording Media:** DVD-R/-RW/+RW, +R DL, Memory Stick
- **Video Capture Resolution:** 480p
- **Connectivity:** USB 2.0
- **Dimensions:** 7.6 x 6.3 x 4.7 inches
- **Weight:** 2.65 pounds

## 11. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Sony support website. As this is a renewed product, specific warranty terms may vary; please consult your retailer for details.