

Sony DSCW80

Sony Cyber-shot DSC-W80 Digital Camera Instruction Manual

Model: DSC-W80

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Sony Cyber-shot DSC-W80 digital camera. Please read this manual thoroughly before operating the camera and retain it for future reference. The DSC-W80 is a 7.2-megapixel digital camera featuring a Carl Zeiss 3x optical zoom lens and Super SteadyShot optical image stabilization, designed for capturing high-quality still images and videos.

2. PRODUCT OVERVIEW

2.1 Key Features

- **7.2-megapixel Super HAD CCD:** Captures detailed images suitable for large prints.
- **Carl Zeiss 3x Optical Zoom Lens:** Provides clear magnification for distant subjects.
- **Face Detection:** Automatically optimizes focus, exposure, and color for faces.
- **Sony Double Anti-Blur Solution:** Combines Super SteadyShot optical image stabilization with high sensitivity (ISO 3200) for clear low-light photos.
- **HD Output:** Allows viewing photos in high definition on compatible HDTVs (optional cable required).
- **HD Slide Show with Music:** Create photo slideshows with visual effects and background music.
- **9-Point Auto Focus:** Enhances focusing precision across the frame.
- **D-Range Optimization:** Improves detail in both bright highlights and dark shadows.
- **In-Camera Retouching:** Apply creative effects like soft edge, cross filter, partial color, and fish-eye filters.
- **In-Camera Red-Eye Reduction:** Corrects red-eye effect directly on the camera.
- **2.5-inch LCD Screen:** Large display for composing, reviewing, and sharing images.
- **MPEG Movie VX Fine Mode:** Records VGA (640 x 480) audio/video clips at up to 30 frames per second.
- **Stamina Battery Power:** Provides extended shooting capacity with the NP-BG1 Lithium-ion battery.

2.2 Camera Components



Image 1: Front view of the Sony Cyber-shot DSC-W80 camera, showing the Carl Zeiss lens, flash, and optical viewfinder.



Image 2: Top view of the camera, indicating the power button and shutter release.



Image 3: Rear view of the camera, displaying the 2.5-inch LCD screen and various control buttons.



Image 4: Side view of the camera, illustrating the compartment for the battery and Memory Stick Duo media.

3. SETUP

3.1 Charging the Battery

Before first use, fully charge the supplied NP-BG1 Lithium-ion battery. Insert the battery into the supplied battery charger and connect the charger to a power outlet. The charging indicator will light up during charging and turn off when charging is complete. A full charge typically takes approximately 2-3 hours.

3.2 Inserting the Battery and Memory Card

1. Open the battery/memory card cover located on the side of the camera (refer to Image 4).
2. Insert the charged NP-BG1 battery into the battery compartment with the correct orientation, ensuring it clicks into place.
3. Insert a Memory Stick Duo or Memory Stick PRO Duo media card into the memory card slot until it clicks. Ensure the card is inserted with the correct side facing up.
4. Close the battery/memory card cover securely.

The camera has 31 MB of internal memory, allowing you to capture a limited number of images without a memory card.

3.3 Initial Settings

Upon first power-on, the camera may prompt you to set the date, time, and language. Follow the on-screen instructions using the control buttons to configure these settings.

4. OPERATING THE CAMERA

4.1 Powering On/Off

Press the **POWER** button (refer to Image 2) to turn the camera on or off. The lens will extend when powered on.

4.2 Taking Still Images

1. Turn the mode dial (refer to Image 3) to the desired shooting mode (e.g., Auto, Program Auto, Scene Selection).
2. Frame your shot using the 2.5-inch LCD screen or the optical viewfinder.
3. Press the shutter button halfway down to focus. The focus indicator will light up when focus is achieved.
4. Press the shutter button fully down to capture the image.

4.3 Using Zoom

Use the zoom lever (W/T, refer to Image 3) to adjust the focal length. Move the lever towards **T** for telephoto (zoom in) and towards **W** for wide-angle (zoom out). The camera features 3x optical zoom and 14x Smart Zoom.

4.4 Recording Movies

1. Turn the mode dial to the movie recording mode (indicated by a film camera icon).
2. Press the shutter button to start recording.
3. Press the shutter button again to stop recording.

Movies are recorded in MPEG Movie VX Fine Mode (640 x 480 resolution at 30 fps) with audio.

4.5 Playback and Review

Press the **Playback** button (indicated by a play icon, refer to Image 3) to enter playback mode. Use the control buttons to navigate through your captured images and videos. Press the **MENU** button to access playback options, including HD slide show with music and in-camera retouching.

4.6 Connecting to a TV

To view photos and videos on a television, connect the camera using an optional Sony HD connector cable to a compatible HDTV. This allows for high-definition viewing of your media.

5. MAINTENANCE

5.1 Cleaning the Camera

- **Lens:** Use a soft, dry cloth or a lens brush to gently remove dust. For stubborn smudges, use a lens cleaning fluid specifically designed for optical lenses.
- **LCD Screen:** Wipe gently with a soft, dry cloth. Avoid pressing hard on the screen.
- **Camera Body:** Wipe with a soft, dry cloth. Do not use organic solvents such as alcohol or thinner.

5.2 Battery Care

- Store the battery in a cool, dry place when not in use.
- Avoid exposing the battery to extreme temperatures.
- If the camera will not be used for an extended period, remove the battery.

6. TROUBLESHOOTING

- **Camera does not turn on:**
 - Ensure the battery is fully charged and inserted correctly.
 - Check if the battery terminals are clean.
- **Images are blurry:**
 - Check if the lens is clean.
 - Ensure Super SteadyShot is enabled in low-light conditions.
 - Hold the camera steady when pressing the shutter button.
- **Flash does not fire:**
 - Check flash settings; ensure it's not set to "Flash Off" mode.
 - Ensure the subject is within the flash range.
- **"Memory Card Error" message:**
 - Reinsert the memory card.
 - Try a different, compatible Memory Stick Duo/PRO Duo card.
 - Format the memory card (note: this will erase all data).
- **Cannot connect to computer:**
 - Ensure the USB cable is securely connected to both the camera and the computer.
 - Verify that the camera's USB connection mode is set correctly (e.g., Mass Storage).
 - Try restarting both the camera and the computer.

7. SPECIFICATIONS

Model Name	Sony Cybershot DSCW80
Photo Sensor Resolution	7.2 MP
Optical Zoom	3x
Digital Zoom	2x (14x Smart Zoom)

Image Stabilization	Optical (Super SteadyShot)
Screen Size	2.5 Inches LCD
Photo Sensor Type	CCD (Super HAD)
ISO Sensitivity	Expanded ISO Minimum: 80, Expanded ISO Maximum: 3200
Video Resolution	MPEG VX (640 x 480, 30 fps)
Internal Memory	31 MB
Compatible Memory	Memory Stick Duo, Memory Stick PRO Duo
Battery Type	NP-BG1 Lithium-ion
Connectivity	USB, HDMI (via optional cable)
Item Weight	0.39 Pounds

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Sony support website. Keep your purchase receipt for warranty claims.

Note: The product description states "ALL PURCHASES FINAL. NO REFUNDS." Please verify specific warranty terms with your retailer or Sony directly.