

Sony DSCW80

Sony Cyber-shot DSC-W80 Digital Camera User Manual

Model: DSCW80

INTRODUCTION

Welcome to the user manual for your Sony Cyber-shot DSC-W80 Digital Camera. This guide provides essential information on setting up, operating, maintaining, and troubleshooting your camera to help you capture high-quality images and videos. The DSC-W80 features a 7.2-megapixel Super HAD CCD, a Carl Zeiss 3x optical zoom lens, and advanced technologies like Face Detection and Super SteadyShot optical image stabilization.

SETUP GUIDE

1. Unpacking and Initial Check

Upon opening the package, ensure all components are present. The standard package includes the camera unit and a battery. Other accessories such as a charger, USB cable, and memory card may be included depending on your specific purchase.



Image: The Sony Cyber-shot DSC-W80 camera, its protective case, battery charger, and various memory cards, illustrating the typical contents of a complete kit.

2. Battery Installation and Charging

The camera uses an NP-BG1 Lithium-ion battery. Insert the battery into the battery compartment located at the bottom of the camera, ensuring the correct orientation. Charge the battery fully before first use using the supplied charger. A fully charged battery provides approximately 340 shots.

3. Memory Card Insertion

The DSC-W80 supports Memory Stick Duo and Memory Stick Pro Duo media. Open the memory card slot cover and insert the memory card with the contacts facing the correct direction until it clicks into place. The

camera also has 31 MB of internal memory for immediate use without a card.

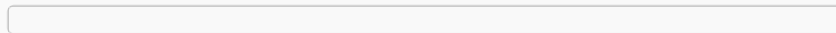


Image: The Sony Cyber-shot DSC-W80 camera positioned alongside its carrying case and different types of Memory Stick Duo media, demonstrating compatible storage options.

OPERATING INSTRUCTIONS

Basic Photography

1. **Power On:** Press the power button located on the top of the camera.
2. **Mode Selection:** Use the mode dial to select your desired shooting mode (e.g., Auto, Program Auto, Scene Selection). The 2.5-inch LCD screen will display the selected mode and provide a brief explanation.
3. **Focusing:** Point the camera at your subject. The 9-point auto focus system will automatically detect and focus. For optimal results, ensure your subject is within the focus area.
4. **Taking a Photo:** Press the shutter button halfway down to focus, then press it fully to capture the image.

Advanced Features

- **Face Detection:** This feature automatically optimizes focus, exposure, color, and flash for faces in your shot, ensuring natural skin tones and reducing glare.
- **Super SteadyShot Optical Image Stabilization:** Reduces blur caused by camera shake, especially useful in low-light conditions or when using zoom.
- **High Sensitivity Mode (ISO 3200):** Allows for shooting in very low light without flash, preserving the ambient mood. Sony Clear RAW Noise Reduction helps manage image noise.
- **D-Range Optimization:** Powered by the Bionz processor, this feature preserves detail in both bright highlights and dark shadows, improving image quality in challenging lighting.
- **MPEG Movie VX Fine Mode:** Records VGA (640 x 480) video clips with audio at up to 30 frames per second. Recording length is limited only by memory card capacity.
- **In-camera Retouching:** Apply creative effects to photos after shooting, including soft edge filter, cross filter, partial color filter, and fish-eye filter.
- **In-camera Red-eye Reduction:** Corrects red-eye effect directly on the camera.
- **HD Output & HD Slide Show with Music:** View your photos in high definition on compatible HDTVs. You can also create slide shows with visual effects and background music (preset or MP3s).

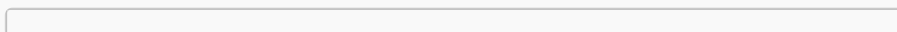


Image: A detailed front view of the Sony Cyber-shot DSC-W80 camera, highlighting its Carl Zeiss lens, flash, and the 7.2-megapixel resolution branding.

MAINTENANCE AND CARE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Do not use abrasive materials or harsh chemicals.
- **Cleaning the Body:** Wipe the camera body with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water.

- **Battery Care:** Store the battery in a cool, dry place when not in use. Avoid extreme temperatures. Do not short-circuit or disassemble the battery.
- **Storage:** When storing the camera for extended periods, remove the battery and memory card. Store in a dry, dust-free environment, ideally with a desiccant packet to prevent moisture damage.
- **Avoid Impact:** Protect the camera from drops and impacts, which can damage internal components.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not power on.	Battery is not charged or not inserted correctly. Ensure battery is fully charged and properly seated.
Images are blurry.	Camera shake (use Super SteadyShot or tripod), subject movement, or out of focus. Ensure proper lighting and focus.
Red-eye in photos.	Use the in-camera red-eye reduction feature or adjust flash settings.
Memory card error.	Memory card may be full, corrupted, or incompatible. Try formatting the card (this will erase all data) or use a different compatible card.
No sound in recorded videos.	Check camera settings to ensure audio recording is enabled. Microphone may be obstructed.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	DSCW80
Image Sensor	7.2-megapixel Super HAD CCD
Lens	Carl Zeiss 3x Optical Zoom (105mm max focal length)
Image Stabilization	Optical (Super SteadyShot)
Display	2.5-inch LCD screen
ISO Sensitivity	Expanded ISO Minimum 80, up to ISO 3200 (High Sensitivity Mode)
Video Recording	MPEG Movie VX Fine Mode (VGA 640x480 at 30fps)
Internal Memory	31 MB
Compatible Media	Memory Stick Duo, Memory Stick Pro Duo

Feature	Detail
Battery Type	NP-BG1 Lithium-ion (1 required)
Battery Life	Approx. 340 shots (CIPA standard)
Product Dimensions	3.58 x 0.91 x 2.28 inches
Item Weight	6.2 ounces
First Available	February 28, 2007

WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support for your Sony Cyber-shot DSC-W80 camera, please refer to the warranty card included with your purchase or visit the official Sony support website. Keep your proof of purchase for warranty claims.

For technical assistance or service, please contact Sony customer support directly. Support contact details can typically be found on the Sony website or in the documentation provided with your product.