Canon FS100

Canon FS100 Flash Memory Camcorder User Manual

Model: FS100

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1. Introduction

This manual provides detailed instructions for the safe and effective use of your Canon FS100 Flash Memory Camcorder. Please read this manual thoroughly before using the camcorder and retain it for future reference. The Canon FS100 is designed for capturing high-quality video and still images with ease, featuring advanced zoom capabilities and a compact design.

2. Product Overview

The Canon FS100 is a flash memory camcorder equipped with a 1/6-inch, 1.07-megapixel CCD image sensor for clear video and photos. It utilizes flash memory for quick response times, flexible media exchange, and extended recording capabilities in a lightweight body.

Key Features:

- **48x Advanced Zoom:** Capture distant subjects with Canon's exclusive Advanced Zoom technology, maintaining image quality beyond optical zoom limits.
- **Image Stabilizer:** Ensures steady video recording, even at maximum telephoto settings or during panning and zooming.
- **DIGIC DV II Image Processor:** Optimizes image quality for both video and still images, improving color reproduction and reducing noise.
- **Quick Start:** Allows the camcorder to enter a low-power standby mode and return to recording in less than a second, conserving battery and preventing missed moments.
- **Widescreen HR Recording:** Records true 16:9 widescreen video by utilizing the entire width of the image sensor.
- **2.7-inch Widescreen LCD:** Provides a clear view of your recordings and playback.
- **Joystick Control:** Simplifies operation by consolidating playback, focusing, exposure, and menu options into one control.

- **Built-in Electronic Lens Cover:** Eliminates the need for a separate lens cap.
- **USB 2.0 Hi-Speed Terminal:** Enables fast transfer of movies and photos to a computer and direct connection to PictBridge compatible printers.
- **SDHC Card Slot:** Supports SDHC memory cards for recording video and still images.



Figure 2.1: Front-side view of the Canon FS100 Camcorder. This image displays the compact design and lens area of the device.

3. Setup

3.1 Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- Canon FS100 Camcorder
- Battery
- Power Adapter/Charger
- USB Cable
- AV Cable
- Instruction Manual (this document)

3.2 Battery Installation and Charging

1. Locate the battery compartment on the camcorder.
2. Insert the provided Lithium-ion battery, ensuring it clicks into place securely.
3. Connect the power adapter to the camcorder's power input and then to a wall outlet. The battery indicator light will show charging status.
4. Allow the battery to fully charge before first use. A full charge typically provides approximately 2 hours of recording time.

3.3 Inserting an SDHC Memory Card

The Canon FS100 records to SDHC memory cards. A card is required for recording video and still images.

1. Open the SDHC card slot cover, usually located on the side of the camcorder.
2. Insert the SDHC card with the label facing the correct direction (refer to the diagram near the slot). Push until it clicks into place.
3. Close the card slot cover.
4. To remove the card, push it gently until it springs out, then pull it out.



Figure 3.1: Side view of the Canon FS100 Camcorder, highlighting the SDHC card slot and 48x Advanced Zoom branding.

3.4 Initial Power On

After installing the battery and memory card, you can power on the camcorder.

- Open the LCD screen. The camcorder will power on automatically.
- Alternatively, press the **POWER** button located on the rear of the camcorder.
- Follow any on-screen prompts for initial setup, such as setting the date and time.

4. Operating Instructions

4.1 Basic Video Recording

1. Ensure the camcorder is powered on and an SDHC card is inserted.
2. Point the camcorder at your subject.
3. Press the **START/STOP** button (usually a red button) to begin recording. The recording indicator will appear on the LCD.
4. Press the **START/STOP** button again to stop recording.



Figure 4.1: The Canon FS100 Camcorder with its LCD screen open, displaying the playback controls and the START/STOP button.

4.2 Zoom Control

Use the zoom lever, typically located near the top of the camcorder, to adjust the zoom level. Push the lever towards **T** (Telephoto) to zoom in, and towards **W** (Wide) to zoom out. The FS100 features a 48x Advanced Zoom for versatile framing.

For smooth transitions, the camcorder offers three fixed zoom speeds. Select the desired speed through the menu settings to achieve professional-looking zoom effects.

4.3 Image Stabilization

The built-in image stabilizer automatically compensates for camera shake, ensuring your footage remains steady and clear, especially when zooming in or recording handheld.

4.4 Still Image Recording

To capture still photos:

1. Switch the camcorder to photo mode (if available, or use the dedicated photo button).
2. Frame your shot using the LCD screen.
3. Press the photo capture button to take a picture. Still images are saved to the SDHC card in 4:3 aspect ratio.

4.5 Using the Joystick and Menu

The joystick provides intuitive control over various camcorder functions. Move the joystick up, down, left, or right to navigate menus and adjust settings. Press the center of the joystick to confirm selections. This allows control over playback, focusing, exposure, and menu options.

4.6 Level and Grid Markers

To assist with framing and composition:

- **Level Shot Control:** Press the Level Shot Control button to display a horizontal marker on the LCD. Align horizontal lines in your shot with this marker to ensure your camcorder is level.
- **Grid Marker:** Activate the Grid marker from the menu to display a grid on the screen, useful for applying the rule of thirds or other compositional guides. You can select from two line colors for better visibility against varying

backgrounds.

4.7 Special Scene Modes

The FS100 offers a selection of automatic exposure modes to optimize settings for different shooting conditions. Access these modes through the menu:

- Portrait
- Sports
- Night
- Snow
- Beach
- Sunset
- Spotlight
- Fireworks

4.8 Connecting to a Computer (USB)

To transfer videos and photos to your computer:

1. Ensure the camcorder is powered off.
2. Connect the camcorder to your computer using the supplied USB cable. The camcorder features a USB 2.0 Hi-Speed terminal for fast data transfer.
3. Power on the camcorder. It should be recognized as a removable storage device.
4. Access the files on the SDHC card through your computer's file explorer.

4.9 Connecting to a Printer (PictBridge)

The FS100 can connect directly to any PictBridge compatible printer for direct photo printing without a computer.

1. Connect the camcorder to a PictBridge compatible printer using the USB cable.
2. Follow the on-screen instructions on the camcorder's LCD or the printer's display to select and print images.

4.10 Connecting to a DVD Burner

The Canon FS100 is compatible with the Canon DW100 DVD burner (sold separately) for easy backup of your footage to AVCHD discs without needing a PC.

1. Connect the camcorder to the Canon DW100 DVD burner according to the burner's instructions.
2. Follow the prompts on the camcorder or burner to initiate the backup process.

5. Maintenance

5.1 Cleaning the Camcorder

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surface. Avoid using harsh chemicals or abrasive materials.
- **LCD Screen:** Wipe the screen with a soft, dry cloth. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics.
- **Body:** Use a soft, dry cloth to wipe the camcorder body. Do not use solvents or alcohol-based cleaners.

5.2 Battery Care

- Always use genuine Canon batteries and chargers.
- Avoid exposing the battery to extreme temperatures.
- If the camcorder will not be used for an extended period, remove the battery and store it in a cool, dry place.
- The camcorder provides an intelligent Lithium-ion battery indicator, showing remaining battery time down to the minute.

5.3 Storage

When not in use, store the camcorder in a dry, dust-free environment, away from direct sunlight and extreme temperatures. It is recommended to store it in a protective case.

6. Troubleshooting

This section addresses common issues you might encounter with your Canon FS100 camcorder. For more complex problems, please refer to the Canon support website or contact customer service.

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is correctly inserted and locked into place.
Cannot record video/photos.	No SDHC card inserted, card is full, or card is locked.	Insert an SDHC card. Delete unnecessary files or insert a new card. Check if the write-protect switch on the SDHC card is in the unlocked position.
Poor image quality in low light.	Insufficient lighting for the current settings.	Use the "Night" or "Spotlight" scene mode. Ensure adequate lighting in the environment.
Camcorder not recognized by computer.	Incorrect connection or camcorder not in data transfer mode.	Ensure the USB cable is securely connected. Power on the camcorder after connecting to the computer. Try a different USB port.

7. Specifications

Below are the technical specifications for the Canon FS100 Flash Memory Camcorder:

Feature	Detail
Model Number	FS100
Image Sensor	1/6-inch, 1.07-megapixel CCD
Zoom	48x Advanced Zoom
Image Processor	DIGIC DV II
Display	2.7-inch Widescreen LCD
Recording Media	SDHC Flash Memory Card
Video Capture Format	MP4
Supported Audio Format	AAC

Feature	Detail
Connectivity	USB 2.0 Hi-Speed
Battery Type	Lithium Ion (1 required)
Product Dimensions	4.9 x 2.4 x 2.3 inches
Item Weight	2.3 pounds
Manufacturer	Canon
Date First Available	January 7, 2008

8. Warranty and Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Canon website. For technical support, service, or additional inquiries, please contact Canon customer service through their official channels.
You can find more information and support resources on theCanon Brand Store.

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