

Sony MVC-FD87

Sony MVC-FD87 Digital Camera User Manual

Model: MVC-FD87

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1. INTRODUCTION

This manual provides instructions for the proper use and care of your Sony MVC-FD87 Digital Camera. The MVC-FD87 is designed for ease of use, capturing images directly onto standard 3.5-inch floppy disks for simple transfer to a computer. It features a 1.3-megapixel sensor and a 3x optical zoom lens.



Figure 1: Sony MVC-FD87 Digital Camera. This image shows the front view of the camera, highlighting its compact form factor and lens.

2. SETUP

2.1 Battery Installation

1. Ensure the camera is powered off.
2. Locate the battery compartment cover, typically on the bottom or side of the camera.
3. Open the cover and insert the Sony InfoLithium NP-F330 battery, aligning it with the polarity indicators.
4. Close the battery compartment cover securely.
5. Connect the power cable to charge the battery before first use.

2.2 Floppy Disk Insertion

1. Locate the floppy disk drive slot on the camera.
2. Insert a standard 3.5-inch 2HD floppy disk with the metal shutter facing forward and the label side up.
3. Push the disk gently until it clicks into place.

2.3 Powering On

Press the power button, usually located near the top or back of the camera, to turn on the device. The LCD screen will illuminate.

3. OPERATING INSTRUCTIONS

3.1 Taking Photographs

1. **Framing Your Shot:** Use the LCD screen or viewfinder to compose your image.
2. **Zoom Adjustment:** Use the zoom lever (often labeled 'W' for Wide and 'T' for Telephoto) to adjust the 3x optical zoom and 6x digital zoom.
3. **Focusing:** The camera features autofocus. Half-press the shutter button to allow the camera to focus. A focus indicator will confirm when the subject is in focus.
4. **Capturing the Image:** Fully press the shutter button to take the picture. The image will be saved to the inserted floppy disk.

3.2 Flash Modes

The built-in flash offers several modes:

- **Auto Flash:** The camera automatically determines if flash is needed.
- **Red-Eye Reduction:** Emits a pre-flash to minimize red-eye effect.
- **Fill Flash:** Forces the flash to fire, useful for brightening shadows in bright conditions.

Select the desired flash mode using the dedicated flash button or through the camera's menu system.

3.3 Transferring Images to a Computer

The Sony MVC-FD87 records images directly to 3.5-inch floppy disks. To transfer images:

1. Eject the floppy disk from the camera.
2. Insert the floppy disk into a compatible 3.5-inch floppy disk drive on your computer (Mac or PC).
3. Access the images directly from the floppy disk drive, typically appearing as a removable drive.
4. Copy the image files (JPEG format) to your computer's hard drive.

MGI software is provided for image manipulation on both Mac and PC platforms, enhancing your ability to edit and manage your photos.

4. MAINTENANCE

4.1 Cleaning the Camera

- **Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Gently wipe the lens surface to remove dust or smudges. Avoid using harsh chemicals.
- **Body:** Wipe the camera body with a dry, soft cloth. For stubborn dirt, slightly dampen the cloth with water.
- **LCD Screen:** Use a soft, dry cloth to clean the LCD screen.

4.2 Battery Care

- Charge the InfoLithium NP-F330 battery fully before first use and whenever the battery indicator is low.
- Store the battery in a cool, dry place when not in use.
- Avoid exposing the battery to extreme temperatures.

4.3 Storage

When storing the camera for extended periods, remove the battery and floppy disk. Store the camera in a dry, dust-free environment, preferably in a camera bag or protective case.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Charge the battery or re-insert it correctly. Ensure the battery compartment is closed.
Images are blurry.	Camera shake, subject too close, or focus issue.	Hold the camera steady. Ensure the subject is within the camera's focusing range. Allow the autofocus to lock before fully pressing the shutter.
Cannot save images to floppy disk.	Floppy disk is full, write-protected, or faulty.	Insert a new floppy disk. Check if the write-protect tab on the disk is in the unlocked position. Try a different floppy disk.
Flash does not fire.	Flash mode is set to 'Off' or battery is low.	Check flash settings and ensure it's set to Auto, Fill, or Red-Eye Reduction. Charge the battery.

6. SPECIFICATIONS

Feature	Detail
Model Name	MVC FD87
Photo Sensor Resolution	1.2 MP (Effective Still Resolution: 1.2 MP)
Image Resolution	1280 x 960 pixels
Optical Zoom	3x

Feature	Detail
Digital Zoom	6x
Storage Media	3.5-inch 2HD Floppy Disks
Battery Type	Sony InfoLithium NP-F330
Flash Modes	Auto, Fill, Red Eye Reduction
Screen Size	2.5 Inches
File Format	JPEG, RAW
Connectivity	USB
Item Weight	1.4 Pounds

7. WARRANTY INFORMATION

The Sony MVC-FD87 Digital Camera comes with a **1 Year Parts / 90 Days Labor** warranty. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or visit the official Sony support website.

8. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries regarding your Sony MVC-FD87 Digital Camera, please visit the official Sony support website or contact their customer service department.

- **Sony Official Website:** www.sony.com/electronics/support
- Refer to the documentation included in your product packaging for region-specific contact information.