



**Xacti Software CD 1.2
For Dual Camera**

INSTRUCTION MANUAL

Please read these instructions carefully before using. Be sure to keep this manual for later reference.

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INTRODUCTION

This manual describes how to install and operate the Xacti Software CD. Please read this manual carefully, in order to use the images and audio recordings captured with your camera in a wide range of applications.

About this manual

The explanations in this manual conform to the following conventions.

- The examples given in this manual are generally based on a Windows environment. For Macintosh users, while the menu names and screen indications may be different, this is no impediment to understanding the operation. In those places where the operations for Macintosh users and Windows users differ, specific explanations are provided.
- In this manual, the SD Memory Card is referred to as "card".
 - This manual is designed for users with the following computer skills:
 - Knowledge of basic computer operations
 - Knowledge of basic mouse operations
 - Knowledge of how to open, close, move, minimize and maximize windows
 - Knowledge of how to move from one folder to another folder

Detailed information about the operations listed above can be found in the printed or online manuals accompanying the computer or operating system software.

Symbols used in this manual

HINT Extra information about software or cautionary notes.

CAUTION Points requiring special attention.

(page xx) Refer to the page indicated for detailed information.

The software

The following software applications are in the Xacti Software CD.

- **TotalMedia Extreme for SANYO (Windows)**
Play back and edit video clips.
- **Panorama Maker 4 (Windows)**
Use this application for joining multiple images to create a panoramic photo. Even images captured with the handheld camera can be automatically joined.
- **Xacti Screen Capture 1.1 (Windows)**
In this manual, referred to as Screen Capture.
Save a window of your computer's screen display as an image file in your camera.

OPERATING ENVIRONMENT

	TotalMedia Extreme for SANYO			Panorama Maker 4 Xacti Screen Capture 1.1
	ArcSoft TotalMedia Theatre	ArcSoft TotalMedia Studio	Others (Including MediaImpression)	
OS*1	Windows XP SP2 Windows Vista			Windows 2000 Windows XP Windows Vista
CPU (DXVA Off)	Core 2 Duo 1.8 GHz or later Pentium 4 3.0 GHz or later Athlon X2 3600+ or later			Core Duo 1.66 GHz or later Pentium 4 3.6 GHz
CPU (DXVA On)*2	Pentium 4 2.4 GHz or later Athlon X2 2800+ or later			—
Memory	512 MB (1 GB recommended) or more			1 GB or more (2 GB or more recommended) Video memory: 64 MB (256 MB recommended) or more
Video memory (When DXVA is Off)	128 MB or more			—
HDD	120 MB or more empty disk space	10 GB or more empty disk space	300 MB or more empty disk space	—
Drive	CD-ROM	CD-ROM*3	CD-ROM	—
Other	Direct X9.0 or above			USB connector

*1 Limited to models with preinstalled OS.

*2 NVIDIA GeForce 8400 / AMD (ATI) HD2400 / Intel G35 or above is recommended when playing back video.

*3 A corresponding burner is required when creating a DVD video.

When using as a card reader

Limited to models with the preinstalled OS.

■ **Windows**

Windows 2000, XP, Vista

■ **Mac OS**

Mac OS X 10.3.6 or later

To access the files in the internal memory

- Remove the card from the camera before connecting the camera to a computer.
- The volume name becomes [XACTI_INT].

Concerning recharging while connected to the USB terminal

- The battery pack can be recharged (see page 29 in the camera's instruction manual) while the camera is in the card reader mode.
- Recharging the battery pack when the camera is turned off or in the power save mode (see page 32 in the camera's instruction manual) takes longer than when the camera is in the card reader mode.
- Connect the dedicated USB interface cable to the USB connector on your computer. Do not connect it to the USB connector on the monitor or the keyboard, or to the USB hub.
- When the surrounding temperature is high, depending on the camera's operating condition and the battery pack temperature, in some cases the multi-indicator may slowly flash red and the battery pack cannot be charged.
- If the camera is not going to be used for an extended period of time, please disconnect the dedicated USB interface cable from the camera.

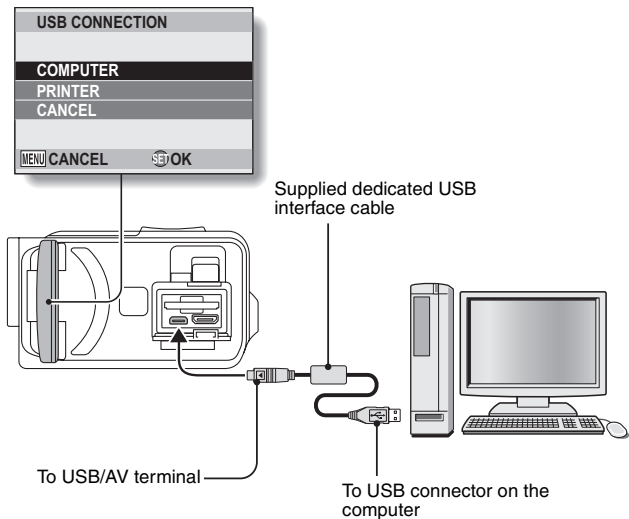
HINT

To recharge more quickly...

- Recharging the battery pack while connected to the USB terminal takes longer than when the camera or battery pack charger (sold separately) is used.
- To recharge the battery pack more quickly, it is recommended that the camera or battery pack charger be used.

SETTING THE CONNECTION MODE

- 1 Start your computer, and use the supplied USB interface cable to connect the camera to the computer.
 - Connect the camera's USB/AV terminal to the computer's USB connector.
- 2 Turn on the camera (see page 31 in the camera's instruction manual).
 - The USB Connection Screen appears on the camera's monitor.



④ Select “COMPUTER”, and press the SET button.

- The screen to select the computer connection mode appears.

CARD READER:

Use the camera as an external drive of the computer.

MTP:

Connect the camera in the MTP mode to a Windows Vista computer.

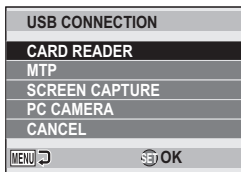
SCREEN CAPTURE:

Save an image of the computer screen in your camera.

PC CAMERA:

Use your camera as a PC camera.

④ Select the desired connection mode, and press the SET button.



CAUTION

Insert and pull out the cable carefully

- When connecting the cables, make sure that the cable plugs are correctly oriented and that they match the shapes of the terminal sockets on the devices. Push the plugs in straight when connecting them. If undue force is used to connect a cable, it may permanently damage the connector pins in the terminal socket.
- Do not use excessive force when connecting and disconnecting cables.
- Please connect the dedicated USB interface cable to your computer's USB connector. Do not connect it to the USB port on your monitor or keyboard, or to the USB hub. Be especially careful when installing the driver software. In some instances, it may not be possible to correctly install the driver software.

Do not exchange data bi-directionally

- While copying data from the camera to the computer in the card reader mode, do not perform any operation that would copy the computer data to the camera.

USING AS A CARD READER

For Windows Vista/XP users

Mounting your camera

- 1 **Set the camera to the card reader mode (page 7).**
 - The message [Found New Hardware] appears in the task tray, showing that the camera is recognized as a drive.
 - The card is recognized (mounted) as a disk, and the [XACTI (E:)] icon appears in the [My Computer] window.
 - The drive name (E:) may be different on your computer.
- 2 **Select an action.**
 - If the [XACTI (E:)] window appears automatically, select the desired procedure from the window.

Dismounting the camera

CAUTION

- To disconnect your camera, be sure to follow the procedure below. Failure to follow this procedure may cause faulty operation of your computer or loss of card data.
- 1 **Left-click on the icon for safely removing hardware in the task tray.**
 - A list appears showing the devices connected to the computer's USB connector.
 - 2 **Left-click on the camera drive (E:).**
 - 3 **Click on the [OK] button.**
 - The camera can now be disconnected.
 - The drive name (E:) may be different on your computer.

For Windows 2000 users

Mounting your camera

- 1 **Set the camera to the card reader mode (page 7).**
 - If a message appears on the computer monitor instructing you to load the Windows CD-ROM, follow the instructions and install the driver.
 - The camera is recognized as a drive, and [Removable disk (E:)] appears in the [My Computer] window.
 - The drive name (E:) may be different on your computer.
 - The card is recognized (mounted) as a disk.
 - Double-click on the [Removable disk (E:)] icon in [My Computer], and you can process the contents of the card installed in your camera exactly like you would the files in the other computer drives.

Dismounting the camera

CAUTION

- To disconnect your camera, be sure to follow the procedure below. Failure to follow this procedure may cause faulty operation of your computer or loss of card data.
- 1 **Left-click on [Unplug or Eject Hardware] in the task tray.**
 - A list appears showing the devices connected to the computer's USB connector.
 - 2 **Left-click on the camera drive (E:).**
 - The drive name (E:) may be different on your computer.
 - The [Safe to Remove Hardware] dialog box will open.
 - 3 **Click on the [OK] button.**
 - You can now disconnect the camera.

For Mac OS X users

Mounting your camera

- ❶ **Set the camera to the card reader mode (page 7).**
 - The camera is recognized as a drive and appears as an icon named [XACTI] on the Desktop.
 - Double-click on the [XACTI] icon, and you can process the contents of the files in your camera's memory exactly like you would the files in the other computer drives.

Dismounting the camera

CAUTION

- To disconnect your camera, be sure to follow the procedure below. Failure to follow this procedure may cause faulty operation of your computer or loss of data in your camera.
- ❶ **Drag the [XACTI] icon for your camera on the Desktop to the trashcan.**
 - The [XACTI] icon disappears from the Desktop.
 - You can now disconnect your camera.

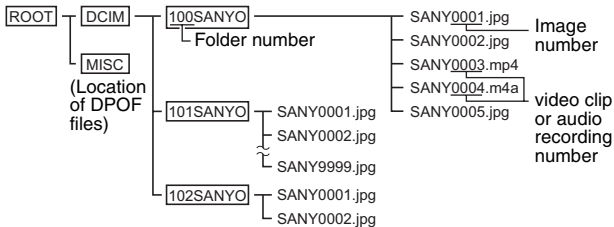
CAUTION

When using in a Mac OS X Classic environment

- It is not possible to save or load files directly to or from your camera. The files must first be saved once to your hard disk.

ABOUT THE CONTENTS OF THE CARD

Configuration of directories in the card



- Up to 9,999 files can be stored in folder 100SANYO. If more files are made, a folder named 101SANYO is created, and they will be stored in there. New folders will then be named in sequence, i.e., 102SANYO, 103SANYO, etc.

File formats

The format of the files saved and the method in which the file names are determined are explained below.

Type of file	File format	File name structure
Still image file	JPEG	File name begins with SANY. Extension is ".jpg". SANY****.jpg
Video clip file	MPEG-4	File name begins with SANY. Extension is ".mp4". SANY****.mp4*
Audio recording file	MPEG-4 Audio (AAC compression)	File name begins with SANY. Extension is ".m4a". SANY****.m4a

* Consecutive numbers assigned in the order the files were saved.

Cautions when using as a card reader

- Do not alter files or folders in your camera in any way. Doing so may result in your camera not recognizing that data.
If you want to edit files, first copy them to your computer's hard drive.
- Cards formatted on your computer cannot be used by your camera. Format all cards to be used by your camera with your camera.

HINT

About the volume name

- The volume name will be [XACTI] for a card that was formatted with the camera and [Removable disc] for a card that was formatted with a computer.

About video clip files recorded with this camera

- You can use Apple's QuickTime to play back video clips on a computer. Playback may be possible using other software that supports the ISO standard MPEG-4 AVC/H.264 (AAC audio).
QuickTime can be acquired from the Sanyo website support page.
Access the support page from the Xacti Software CD installation screen.

<Video clip file playback operating environment>

	Windows	Mac OS
OS*	Windows XP Windows Vista	Mac OS X 10.3.6 or later
CPU	Core Duo 1.66 GHz or later Pentium 4 3.6 GHz	Power PC G5 dual 2.3 GHz or later
Memory	1 GB (2 GB or more recommended)	512 MB or more
Video memory	64 MB (256 MB recommended) or more	64 MB or more
Other	USB connector	

* Limited to models with preinstalled OS.

Playing back video clips

- These video clips can be played back using the “TotalMedia Extreme for SANYO (Windows)” software that is included in the supplied CD-ROM (Xacti Software CD). For computers with Mac OS installed, files can be played back using QuickTime 7.5.5.

About audio files recorded with this camera

- If you change the extension (.m4a) of audio files to “.mp4”, playback may be possible using software that supports the ISO standard MPEG-4 (AAC audio).

About file names when the card is replaced...

- If the file number continued function is set to on, even when the card is replaced, consecutive numbering of folder numbers and file names continues from the previously installed card (see page 131 in the camera's instruction manual).

USING AS A PC CAMERA

When connected to a Windows XP or Windows Vista computer, the camera can be used as a PC camera.

For Windows XP

Please perform the following upgrades before connecting the camera to a computer.

- Upgrade Windows XP to SP2.
Install Windows XP SP2.
- Install Windows Messenger 5.0 or later version.
Download Windows Messenger 5.0 or later version, and install it.
- If using MSN Messenger, please install MSN Messenger 7.0 or later version.

CAUTION

- The PC camera function can be used only with computers in which Windows XP or Windows Vista was preinstalled.
- The zoom cannot be used with the PC camera function. Moreover, only images can be recorded; audio files cannot be recorded.
- Although your camera can shoot at a maximum rate of 15 frames per second, the rate at which you can broadcast in the PC camera mode may be less than this depending on the speed of your Internet connection.

Using as a PC camera

- 1** Set the camera to the PC CAMERA mode (page 7).

INSTALLING THE APPLICATION SOFTWARE


- ➊ **Insert the CD-ROM (Xacti Software CD) in your computer's CD-ROM drive.**
 - The installation window soon appears.
 - If the installation window does not appear, double-click on the [SANYO DISC (D:)] in the [My Computer] window, and double-click on [Autorun] or [Autorun.exe] in the [SANYO DISC (D:)] window.
 - The drive name (D:) may be different on your computer.
- ➋ **Click on the name of the application software you wish to install.**
 - The window for beginning the installation procedure for the specified application will open.
 - The installer program for each application is preset to properly install the software. If you are unfamiliar with the computer, we recommend clicking the [Next] button at each screen.
 - If a user registration dialog box appears, do not enter anything in the [Enter your registration information] dialog box, and click on the [Next] button.
 - If a dialog box prompting you to restart your computer appears, restart your computer.
 - For the details about each application software, please refer to the website of the respective software vendor or, after installing the application, access the online help.
- ➌ **Click on [EXIT].**

SCREEN CAPTURE

Individual windows on your computer's monitor display can be saved in the camera.

- 1 **Set the camera to the SCREEN CAPTURE mode (page 7).**
- 2 **Run Screen Capture.**
 - Screen Capture is automatically launched when you start your computer.

<To quit Screen Capture>

 - Right-click on [Xacti Screen Capture 1.1] in the task tray, and then left-click on [Exit]. When the screen to confirm appears, left-click on [Yes].
 - To launch Screen Capture again, click [Start]→[Programs]→[Xacti Screen Capture 1.1].
- 3 **On the computer's monitor, display the window you wish to save.**
 - Make the window you wish to save the active (selected) window.
- 4 **Press the [] button.**
 - The currently displayed active window is saved as a JPEG file in the camera's memory.
 - When there is no active window, the entire screen display is saved.
 - The saved file is stored in the \DCIM***SANYO folder in the drive for the camera.
 - To exit Screen Capture, quit the application.

HINT

- To use Screen Capture, only one camera should be connected to the computer.
- The maximum file size that can be saved for any one screen capture is 10 MB.
- When running Screen Capture, do not turn off the camera or remove the card from the camera, as doing so may result in the loss of data. Also, do not use the computer to process the contents of the files in the camera's card, or the camera may not operate normally.

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