

The "Settings" chapter looks at functions available from "OPTION" in the photography and playback menus.

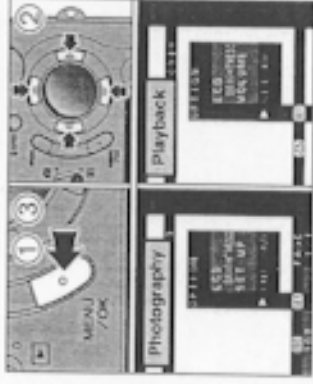
List of Settings

When Shooting Still Images	When Shooting Movies/Recording Audio	During Playback
FILE SIZE/QUALITY (P.94)	SET-UP LCD BRIGHTNESS (P.95)	SET-UP VOLUME (P.95)
SET-UP LCD BRIGHTNESS (P.95)		LCD BRIGHTNESS (P.95)

SET-UP Menu Options

Settings	Display	Factory default	Explanation
IMAGE DISPLAY	OFF/CONVENIENCEVIEW	OFF	See P.96 for details.
AUTO POWER SAVE	2MIN/AMIN/OFF	2MIN	See P.98 and P.126 for details.
USB MODE	DISC/PC CAM	DISC	See P.101 for details.
STARTUP SCREEN	ON/OFF	OFF	Allows you to specify whether the stored startup screen appears on the LCD monitor when you switch the camera on.
SET STARTUP SCREEN	SET 	—	See P.99 for details.
DATE/TIME	SET 	—	See P.23 for details.
FRAME NO.	RENEW/CONT.	CONT.	See P.100 for details.
BEEP	HIGH/LOW/OFF	HIGH	Sets the volume of the beep that sounds when the camera controls are used.
LANGUAGE	ENGLISH/FRANCAIS	ENGLISH	Select English or French as the language used for screen display.
RESET ALL	OK 	—	Resets all the camera settings (including the photography and playback menu settings) other than the date/time, startup screen and camera customization settings to the factory default values.

USING THE OPTION MENU



- Press the "MENU/OK" button to display the menu screen.
- Use "←", "→" to select "OPTION" and "A" or "▼" to select the desired setting.
- Press the "MENU/OK" button to move to the selected setting.



If you selected "SET-UP", the "SET-UP" screen appears.

- Use "A" or "▼" to select the desired setting.
- Use "←" or "→" to change the setting.
Press the "MENU/OK" button to exit set-up.

- Press "→" for "SET STARTUP SCREEN", "DATE/TIME" or "RESET ALL".

SETUP ◆ SETTING THE FILE SIZE AND QUALITY (COMPRESSION RATIO)

You can select any combination of 3 file size settings and 4 quality (compression ratio) settings according to the type of shot you want to take.

To produce high-quality prints

Use the largest possible image size and a low compression rate (FINE or NORMAL). However, because this results in large file sizes for each frame, the number of available shots is reduced.

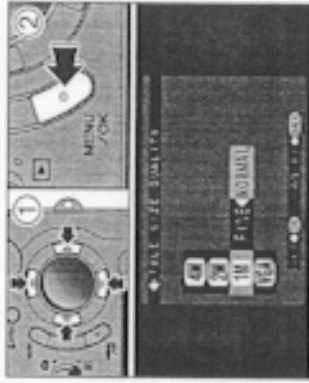
For use on the Internet

These images are intended to be viewed on a PC monitor, so you should use a small file size (640 x 480). Because this reduces the amount of data in each frame, the remaining number of available frames is increased.

Quality (compression ratio)

For better image quality, select "FINE". For more images per SmartMedia card, select "BASIC". Normally, the "NORMAL" setting provides ample image quality.

◆ There are 8 combinations of file size and quality settings in total (→P.30).



- ① Use "▲" or "▼" to change the file size setting and "◀" or "▶" to change the quality setting.
- ② Press the "MENU/OK" button to confirm the setting.
- ◆ This setting can be selected in still photography mode.

■ Image Sizes

●13	2400 x 1600 pixel
●12	1600 x 1200 pixel
●11	1280 x 960 pixel
●10	640 x 480 pixel

SETUP LCD MONITOR BRIGHTNESS/VOLUME



When you use the "LCD BRIGHTNESS" or "VOLUME" settings, an "adjustment bar" appears on the LCD monitor.



- ① Use "◀" or "▶" to adjust the LCD monitor brightness or speaker volume.
- ② Press the "MENU/OK" button to confirm the adjustment.

◆ The volume can be set when the Mode dial is set to Playback.

◆ To exit this procedure without changing the settings, press the "BACK" button.

SET-UP IMAGE DISPLAY



This setting allows you to specify whether the photographed image is displayed after you take a picture.

OFF : The photographed image is automatically recorded without being displayed.

POSTVIEW : The photographed image is displayed for about 2 seconds and is then automatically recorded.

PREVIEW : The photographed image is displayed and you can then select whether to record the image.

You can also select preview zoom and recorded images.

- Press "MENU/OK" to record the image.
- Press "BACK" to discard the image.

⑤ When continuous shooting, auto bracketing or multi-exposure shooting is selected, images are always previewed regardless of the setting.



You can enlarge the preview to check the image details.

① Use "▲" or "▼" to zoom in or out.

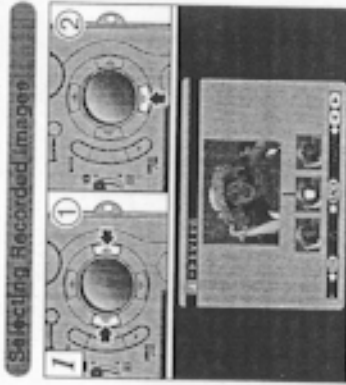
② Press the "DISP" button.

③ Use "▲" and "▼" to zoom in on different parts of the image.

④ Press the "DISP" button again to revert to zoomed display.

⑤ Trimming in the preview image is not saved.

⑥ The operation procedure is the same as for playback zoom (→P.36).

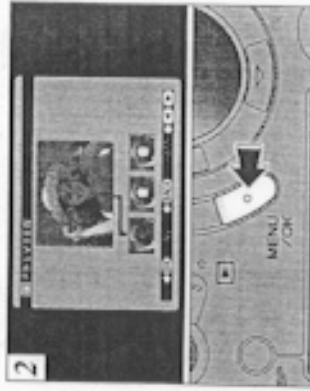


This function allows you to select and record images in the "Continuous Shooting" and "Auto Bracketing" modes.

① Use "▲" and "▼" to select the images you do not want to record.

② Press "MENU/OK" to add or remove the "Mark".

③ Preview zoom cannot be used with continuous shooting or auto bracketing.



Place an "Mark" under all the images you do not want to record and then press the "MENU/OK" button to record the remaining images.



Once you enable this function, the monitor is temporarily switched off to reduce power consumption (Sleep mode) if the camera is not used for about 30 seconds. If the camera is then left unused for a further time (2 or 5 minutes), it is automatically switched off. Use this function when you want to get the maximum possible running time from the battery.

- ① When the camera is in Sleep mode, "FinePix" is displayed on the display panel.
- ② Auto Power Save is disabled during automatic playback and when a USB connection is being used.

The Sleep function does not operate when the LCD monitor is switched off or when the camera is in Setup or Playback mode. However, if the camera controls are not used for some time (2 minutes or 5 minutes), the camera automatically switches off.

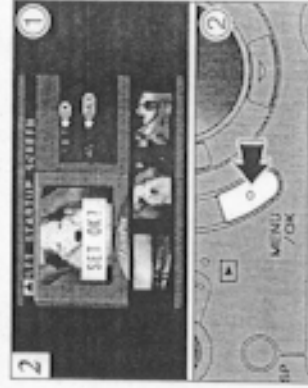
SET-UP SETTING THE STARTUP SCREEN



When you switch the camera on, the startup screen set here appears on the LCD monitor.

- ① When you select "SET STARTUP SCREEN", the stored screens are displayed.
- ② Use "←" or "→" to select the image to be set.
- ③ Press the "MENU/OK" button to set the image.

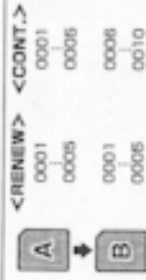
- ④ Because the startup screen is displayed in a frame, part of the image is obscured by the frame.



- ① The setting confirmation screen appears.
- ② Press the "MENU/OK" button.

Set the "SET STARTUP SCREEN" setting in the SET-UP menu to "ON" (→p. 92).

SET-UP FRAME NO. MEMORY



* Formatted SmartMedia used for both A and B.

Setting this function to "CONT." makes file management easier as it ensures that file names are not duplicated when images are downloaded to a PC.

RENEW: Pictures are stored on each SmartMedia beginning with a file number "0001".

CONT.: Pictures are stored beginning from the highest file number stored on the last SmartMedia used.

- If the SmartMedia already contains image files with file numbers higher than the highest file number on the last SmartMedia, images are stored beginning from the highest file number on the current SmartMedia.



You can check the file number by viewing the image. The last 4 digits of the 7-digit numbers in the top right corner of the screen are the file numbers, while the first 3 digits show the directory number.

- When you change the SmartMedia, always switch the camera off before you open the SmartMedia slot cover. If you open the slot cover without switching the camera off, the frame number memory will not function.
- File numbers run from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999-9999.
- If you switch the Frame NO. Memory function RENEW, the highest file number stored by the function is reset.
- The displayed frame number may differ for images photographed on other cameras.
- Using "RESET ALL" resets the "last file No." setting.

6 PC Connection IN PC CONNECTION

PC Connection describes how to set up a USB connection and provides an overview of the functions available using a USB connection. Refer to the Software Quick Start Guide booklet for details.

DSC Mode

This mode provides a simple way to read images from a SmartMedia and store images on a SmartMedia. (P.102).

PC-CAM (camera) Mode

Videoconferencing sessions can be conducted between PCs connected to the Internet. This function can also be used to record video on a PC (P.104).

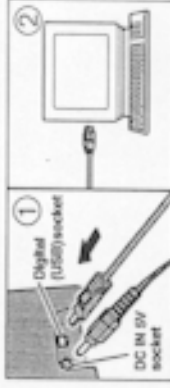
- Videoconferencing is not supported on Macintosh computers.

Camera Customization

The following functions can be accessed by downloading and using the special software (P.107).

- Setting your favorite image on the PC as the startup screen.
- Adding Auto Play display methods
- Appending copyright information to the Exit information for photographed images

Refer to the Software Quick Start Guide booklet for information on installing the software.



- 1 Connect the AC-5V/AC-5VH AC Power Adapter and the special USB cable to the cradle.
- 2 Connect the special USB cable to the USB port on your PC.

- Ensure that you insert the USB cable plugs into the correct sockets.

CONNECTING AT DSC MODE

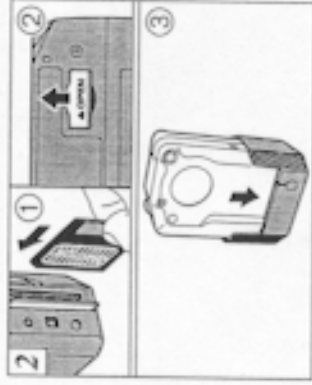


1 Set the "USB MODE" setting in the "SET-UP" menu to "DSC". (→P.92, 93)

- Check that the AC power adapter and the special USB cable are connected to the cradle.

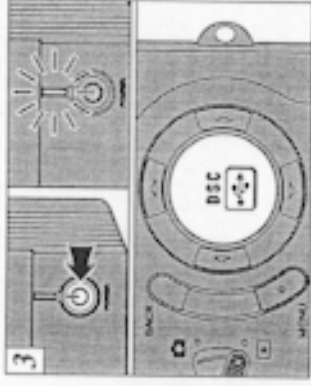
Install the software by referring to the Software Quick Start Guide booklet for the installation procedure.

- ◆ **If You Do Not Use FinePixViewer** ◆
You need QuickTime 3.0 or later or DirectX 8.0 Runtime (for Windows). To play back audio, use the software provided with your operating system (Windows and Macintosh).



- 1 Load a SmartMedia containing photographed images.
- 2 Open the connection socket cover on the bottom of the camera.
- 3 Switch the camera off and place it in the cradle.

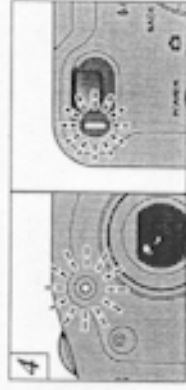
- Push the camera firmly onto the cradle connector.



When you press the "O" (power) button on the cradle, the camera is connected to your PC as a removable disk drive and the power lamp on the cradle lights. "DSC" also appears on the display panel.

- The Auto Power Save function does not operate when the camera is connected to a PC.

If Windows driver installation has started, refer to the Software Quick Start Guide booklet.



The self-timer lamp blinks and the viewfinder lamp alternately blinks green and orange while the camera is communicating with your PC. Do not disconnect the camera during communication.

- See P.106 for information on removing the camera.

- ◆ **When the Cradle is Not Used** ◆
Connect the special USB cable to the DIGITAL (USB) socket on the camera and switch the camera on (→P.8, 22).

- The AC power adapter should be used when the camera is connected to a PC (→P.19).

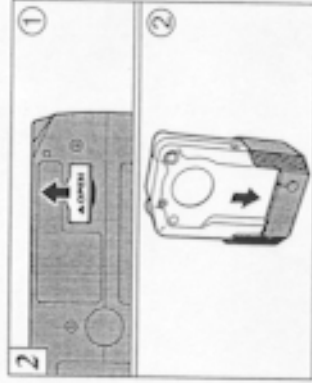
CONNECTING AT PC-CAMERA MODE



1 Set the "USB MODE" setting in the "SET-UP" menu to "PC CAM" (P.92, 93).

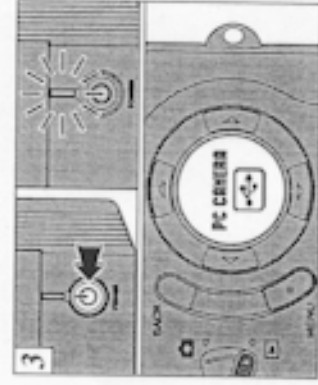
- Check that the AC power adapter and the special USB cable are connected to the cradle.

Refer to the Software Quick Start Guide booklet for information on installing the software.



- ① Open the connection socket cover on the bottom of the camera.
- ② Switch the camera off and place it in the cradle.

- Push the camera firmly onto the cradle connector.



When you press the "P" (power) button on the cradle, the camera is connected to your PC and the power lamp on the cradle lights. "PC CAMERA" also appears on the display panel.

- Focal range: Approx. 50 cm (1.6 ft.) to infinity
- The Auto Power Save function does not operate when the camera is connected to a PC.

If Windows driver installation has started, refer to the Software Quick Start Guide booklet.



- ① The self-timer lamp blinks during communication with the PC. Do not disconnect the camera during communication.
- ② The angle of the cradle can be changed. This is useful when the cradle is used for a PC-camera connection.
- The lens is fixed at the wide-angle zoom setting during PC-camera connection.
- See P.106 for information on removing the camera.

The PC Camera connection allows you to record movies on your PC and use the camera for videoconferencing. Refer to the Software Quick Start Guide booklet for details.

◆ When the Cradle is Not Used ◆

- Connect the special USB cable to the DIGITAL (USB) socket on the camera and switch the camera on. (P.8, 22)
- The AC power adapter should be used when the camera is connected to a PC. (P.13)

DISCONNECTING FROM THE PC

Always follow the procedure below before disconnecting the camera from your PC.

Card reader connection

- 1 Check that the self-lamp is not blinking (the camera is not communicating with the PC).
- 2 Follow the correct procedure for your operating system.

• Windows 98

Check that the power lamp on the cradle is lit steadily.

• Windows Me/2000 Professional

Click the Eject icon in the taskbar and eject the media.

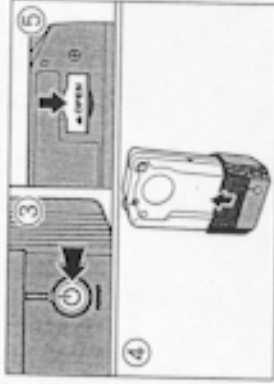
• Macintosh

Drag the removable disk drive icon to the Trash and then check that the power lamp on the cradle is blinking slowly.

PC-camera connection

1 Quit "FinePixViewer".

- 2 Check that the power lamp on the cradle is lit steadily.



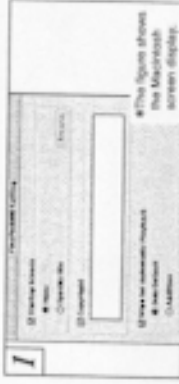
- 3 Press the "O" (power) button on the cradle and then disconnect the cradle from the PC.
- 4 Remove the camera from the cradle.
- 5 Close the connection socket cover on the bottom of the camera.

◆ When the Cradle is Not Used ◆

Use the correct procedure for your operating system and then switch off the camera and disconnect it.

- Check the viewfinder lamp in the camera instead of the cradle power lamp.
- On a Macintosh computer, check that "REMOVE OK" is shown on the display panel before removing the SmartMedia or disconnecting the cable.

CAMERA CUSTOMIZING



- 1 Download "FinePix4800Customizer" software from <http://home.fujifilm.com/products/digital>.
- 2 Install the software in "DSCSETUP" folder in the "FinePixViewer" folder on your PC.
- 3 Load a SmartMedia that has available space and connect the camera (DSC mode) with the PC.
- 4 Use the FinePixViewer on the PC and transfer the customizing data to the camera.

Do not switch the SmartMedia during the customization procedure.

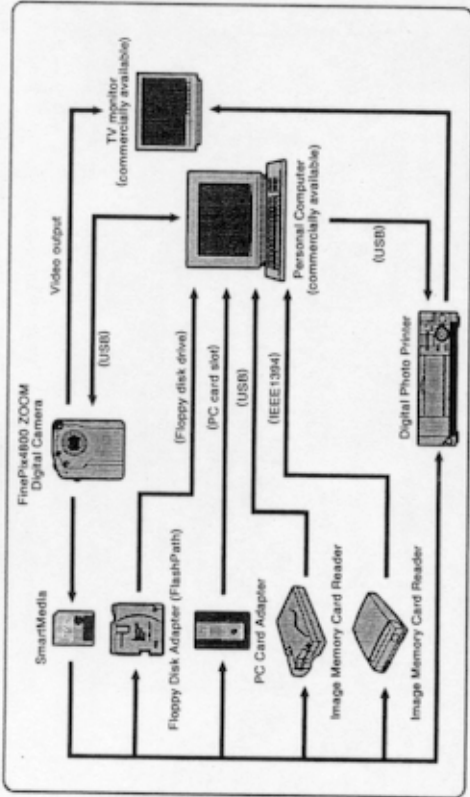


- 1 Disconnect the cradle from the PC and remove the camera (→ P.106).
- 2 When you switch the camera on, the customized screen appears.
- 3 Press "▶" to check the details.
- 4 Press the "MENU/OK" button to proceed.

- If you selected "NO", the customized screen appears the next time you switch the camera on.

System Expansion Options

- By using the FinePix4800 ZOOM together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.



Accessories Guide

- The optional accessories (sold separately) can make taking pictures with the FinePix4800 ZOOM even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

SmartMedia™

These are separately available SmartMedia cards.

Use the following SmartMedia:

- MG-4S: 4MB, 3.3V
- MG-8S: 8MB, 3.3V
- MG-16S/SW: 16MB, 3.3V
- MG-32S/SW: 32MB, 3.3V
- MG-64S/SW: 64MB, 3.3V
- MG-128S/SW: 128MB, 3.3V
- Some 3.3V SmartMedia are labelled as "3V" or "ID" cards.



AC Power Adapter AC-5V/AC-5VH

Use the AC-5V/AC-5VH when taking pictures for a long period of time or when the FinePix4800 ZOOM is connected to a personal computer.

- The shape of the AC power adapter, the plug and socket outlet depend on the country.



BC-80 Battery Charger

Use the BC-80 to charge the quickly rechargeable battery quicker.

- Battery charging takes roughly 1 hour (charging an NP-80).



NP-80 Rechargeable Battery

The NP-80 is a rechargeable lithium-ion battery.



PC-AD3 PC Card Adapter

The PC Card Adapter allows the SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type II).

- Compatible with SmartMedia of 5V/3.3V, 2MB to 128MB.



Accessories Guide

• Floppy Disk Adapter (FlashPath)

This adapter is the same size and shape as a 3.5-inches floppy disk. You can copy the images on a SmartMedia to your PC simply by loading the SmartMedia into the floppy disk adapter and then inserting the adapter into your floppy disk drive.



	Compatible OS	Compatible SmartMedia
FD-A2	Windows 95/98/98SE/Me/NT4.0 MacOS 7.6.1 to 9.0	5V/3.3V, 2MB to 128MB

• SM-R2 Image Memory Card Reader

The SM-R2 allows images to very easily be read and written from an image memory card (SmartMedia) to a personal computer. Its USB interface provides high-speed data transmission.

- Windows 98/98SE, Windows Me, Windows 2000 Professional or Power Macintosh with USB interface.



• DM-R1 Image Memory Card Reader

This device provides a simple way to transfer image data in either direction between your PC and an image memory card (SmartMedia or CompactFlash Type II (Microdrive-compatible)).

The IEEE 1394 interface provides high-speed data transfer.

- Windows 98 Second Edition, Windows 2000 Professional (read-only), iMacDV and Power Macintosh PCs with FireWire as a standard feature. Mac OS 8.5.1 to 9.0



• SC-FX8

This is a special deerskin case that protects the camera against soiling, dust and minor impacts when it is being carried.

Notes on Using Your Camera Correctly

- ▶ Be sure to read this information in conjunction with "Safety Notes" (→P.127) to ensure that you use your camera correctly.

■ Places to Avoid

Do not store or use the camera in the following types of locations:

- Very humid, dirty or dusty places.
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer. Extremely cold places.
- Places subject to strong vibrations.
- Places affected by smoke or steam.
- Places subject to strong magnetic fields (such as places near motors, transformers or magnets).
- In contact with chemicals such as pesticides or next to rubber or vinyl products for long periods of time.

■ Do not expose the camera to sand

The FinePix4800 ZOOM is particularly and adversely affected by sand. In sandy locations such as beaches or deserts, or in locations where there is wind borne sand, ensure that the camera is not exposed to sand. This can cause faults that may be irreparable.

■ Notes on Condensation

If the camera is carried suddenly from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, switch the camera off and wait an hour before using the camera. Condensation may also form on the SmartMedia card. In this event, remove the SmartMedia and wait a short time before using it again.

- **When the Camera is Unused for Long Periods**
If you do not intend to use the camera for a long period of time, remove the batteries and the SmartMedia card before storing the camera.

■ Cleaning Your Camera

- Use a blower brush to remove dust from the lens and LCD surface and then wipe lightly with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
- Clean the body of the camera with a soft dry cloth. Do not use volatile substances such as thinners, benzine or insecticide, as these may react with camera body and cause deformation or remove the coating.

■ Using the Camera Overseas

When travelling overseas, do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.

Notes on the Power Supply

Notes on Using the Battery

The FinePix4800 ZOOM camera uses a rechargeable lithium-ion battery. Note the points below when using the rechargeable battery. Take particular care to read the Safety Notes to ensure that you use the battery correctly.

- When shipped, the NP-80 is not fully charged. Always charge the battery before using it.
- Always remove the battery cap when using the battery.
- When you are carrying the battery around, load it into the digital camera or attach the cap.
- When storing the battery, store it with the cap fitted.



Battery Features

- The battery gradually loses its charge even when not used. Use a battery that has been charged recently (in the last day or two) to take pictures.
- To maximize the battery life, switch the camera off as quickly as possible when it is not being used.
- The number of available shots will be lower in cold locations or at low temperatures. Take along a spare fully charged battery.
- You can also increase the amount of power produced by putting the battery in your pocket or another warm

place to heat it and then loading it into the camera just before you take a picture.

If you are using a heating pad, take care not to place the battery directly against the pad. The camera may not operate if you use a depleted battery in cold conditions.

Charging the Battery

- The battery can be charged using the AC-5V/AC-5VH (provided as an accessory or sold separately) AC Power Adapter supplied with the FinePix4800 ZOOM. The battery takes approximately 5 hours to charge. If you use the BC-80 Battery Charger (sold separately), the battery can be charged in approximately 70 minutes.
- This rechargeable battery does not need to be fully discharged or exhausted flat before being charged.
- The battery may feel warm after it has been charged or immediately after being used. This is perfectly normal.
- The battery can be charged at temperatures between 0°C and +40°C (+32°F and +104°F), but should be charged between +10°C and +30°C (+50°F and +86°F) to obtain maximum battery performance.
- Do not recharge a fully charged battery.

Battery Life

At normal temperatures, this battery can be used at least 300 times.

If the time for which the battery provides power shortens markedly, this indicates that the battery has reached the end of its effective life and should be replaced.

Notes on storage

Lithium ion batteries are both compact and capable of storing large quantities of power. However, if they are stored for long periods while charged, the performance of the battery can be impaired.

- If the battery will not be used for some time, run the battery flat before storing it.
- If the battery is kept in storage for a long period, charge the battery and then run it flat again at least once a year.
- Always remove the battery from the digital camera or battery charger when it is not being used. Left installed, minute amounts of current flow even when unused, and the battery may become excessively drained and no longer function.
- Attach the cap and store in a cool place.
- The battery should be stored in a dry location with an ambient temperature between +15°C and +25°C (+59°F and +77°F).
- Do not leave the battery in hot or extremely cold places.

Handling the Battery

To avoid injury or damage, observe the following:

- Do not allow the metal portions of the battery to touch other metal objects.
- Do not bring the battery close to a flame or throw it into a fire.
- Do not attempt to disassemble or modify the battery.

To avoid damaging the battery or shortening its life, observe the following:

- Do not drop the battery or otherwise subject it to strong impacts.
- Do not immerse the battery in water.

To ensure that you obtain optimum battery performance, observe the following:

- Always keep the battery terminals clean.
- Store the battery in a cool, dry place. Storing the battery for long periods in a hot location can shorten the battery life.

If you use the battery for a long period, the camera body and the battery itself will become warm. This is normal and is not a malfunction. Use the AC power adapter supplied with the camera if you are taking picture or viewing images for a long period of time.

Specifications

Nominal voltage	DC 3.7V
Maximum voltage	DC 4.2V
Nominal capacity	1300mAh
Operating temperature	0°C to +40°C (+32°F to +104°F)
Dimensions	19.8 mm x 20.4 mm x 55.5 mm (0.78 in. x 0.8 in. x 2.19 in.) (W x H x D)
Mass (Weight)	Approx. 40g (1.4 oz.)

* These specifications are subject to change without notice.

Notes on the Power Supply

AC Power Adapter

Always use the AC-5V/AC-5VH AC Power Adapter with the FinePix4800 ZOOM Camera.

The use of an AC power adapter other than the AC-5V/AC-5VH could result in damage to your FinePix4800 ZOOM Digital Camera.

- This AC power adapter is designed exclusively for indoor use.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the power switch of the FUJIFILM Digital camera before disconnecting the connection cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, take hold of the plug and pull it out (do not disconnect it by pulling on the cord).
- Do not use this AC power adapter with any device except the specified device.
- During use, this AC power adapter will become hot to touch, but this is not abnormal.
- Do not disassemble the AC power adapter. Doing so could be dangerous.
- Do not use this device in a place with high temperature and high humidity.
- Do not drop or subject this device to strong shocks.
- This device may emit a humming noise, but this is not abnormal.
- If used near a radio, this device may cause static, so play the radio in a distant place.

Notes on the SmartMedia™

SmartMedia

The SmartMedia card supplied with your FinePix4800 ZOOM camera is a new image recording medium developed especially for use in digital cameras. Each SmartMedia card contains a built-in semiconductor memory chip (NAND flash memory) which is used for storing digital image data.

Because the data is stored electronically, the stored image data can be erased from the card and new data recorded.

SmartMedia with IDs

The SmartMedia ID is a SmartMedia that has an individually assigned identification number. SmartMedia ID cards can be used with devices that use ID numbers for copyright protection or other purposes. This camera accepts SmartMedia ID cards in the same way as conventional SmartMedia cards.

Storing Data

In the situations listed below, recorded data may be erased (destroyed). Please note that Fuji Photo Film Co., Ltd. accepts no responsibility whatsoever for the loss (destruction) of recorded data.

- When the SmartMedia is used incorrectly by the owner or a third party
- When the SmartMedia is exposed to static electricity or electrical noise

- Very occasionally, DC output will be prevented by the operation of the internal protection circuit. In this event, unplug the AC-5V/AC-5VH from the power socket for a few moments and then plug it in again. This will restore DC output.

Specifications

Power Supply	AC 100V to 240V, 50/60Hz
Rated Input Capacity	12W (U.S.A. and Canada) 0.15A to 0.24A (other countries)
Rated Output	DC 5.0V 1.5A (U.S.A. and Canada) DC 5.0V 2.0A (other countries)
Temperature During Use	0°C to +45°C (+32°F to +113°F)
Storage Temperature	-10°C to +70°C (+14°F to +158°F)
Dimensions (MAX.)	47 mm x 20 mm x 72 mm (1.9 in. x 1.2 in. x 2.8 in.) (W x H x D) (U.S.A. and Canada) 49 mm x 40 mm x 65 mm (W x H x D) (U.K.) 49 mm x 31 mm x 65 mm (W x H x D) (other countries)
Mass (Weight)	120 g (8.3 oz.) (U.S.A. and Canada) 200 g (7.0 oz.) (U.K.) 120 g (8.3 oz.) (other countries)
Connection Cord Length	Approx. 2 m (6.6 ft.)

- Please note that specifications and characteristics are subject to change without notice.
- FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.

- When the SmartMedia cover is opened or the SmartMedia removed and the camera is then switched off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back.

Back up important data onto another medium.
(MO disk, floppy disk, hard disk, etc.)

Notes on Handling SmartMedia

- When inserting the card into the camera, hold the SmartMedia straight as you push it in.
- Never remove the SmartMedia or switch the camera off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back. These actions could result in damage to the SmartMedia.
- Use only the SmartMedia specified for use with the FinePix4800 ZOOM. The use of other SmartMedia could damage the camera.
- SmartMedia are precision electronic devices. Do not bend, drop, or subject SmartMedia to excessive shocks.
- Do not use or store SmartMedia in environments likely to be affected by strong static electricity or electrical noise.

Notes on the SmartMedia™

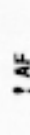
- Do not use or store SmartMedia in very hot, humid or corrosive environments.
- Take care not to touch the SmartMedia's contact area or allow the area to become soiled. Use a dry lint-free cloth to wipe away any soiling that does occur.
- To avoid damage caused by static electricity, always use the special static-free case provided during transportation or storage, or keep the SmartMedia in a storage case if available.
- Do not carry SmartMedia in locations such as a trouser pocket. This could subject the SmartMedia to excessive force when you sit down, thereby damaging the SmartMedia.
- The SmartMedia may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.
- Inserting a SmartMedia that is charged with static electricity into your camera may result in a camera malfunction. If this occurs, switch the camera off and then on again.
- Affix the label onto the designated area of the card. Do not use third-party labels as this can lead to problems when the card is inserted or removed.
- When you attach the label, take care that it does not cover any of the write-protect area.

Warning Displays

► The table below lists the warnings that are displayed on the LCD monitor

Warning Displayed		Explanation	Remedy
LCD Monitor	display panel		
		The camera battery is low on charge.	Replace or recharge the battery.
		No SmartMedia is loaded, or it is loaded incorrectly.	Load the SmartMedia (3.3V) in the correct direction.
		- The SmartMedia is not formatted. - The SmartMedia terminals are soiled.	- Format the SmartMedia. - Wipe the contact area on the SmartMedia with a soft dry cloth.
		- The SmartMedia terminals are soiled. - The SmartMedia is damaged. - The SmartMedia format is incorrect.	Wipe the contact area on the SmartMedia with a soft dry cloth. It may be necessary to format the SmartMedia. If the error message is still displayed, replace the SmartMedia.
		The SmartMedia is fully recorded.	Erase some images or use a SmartMedia that has ample free space.
		The SmartMedia is write-protected.	Use a SmartMedia that is not write-protected.
		- An attempt was made to playback a frame not recorded on this camera. - The SmartMedia terminals are soiled.	- Images cannot be played back. - Wipe the contact surface on the SmartMedia thoroughly with a soft, dry cloth. In some cases, you may have to format the SmartMedia.

Warning Displays

Warning Displayed		Explanation	Remedy
LCD Monitor	display panel		
	FILE FULL	The frame number has reached 999-9999.	Switch the Frame No. Memory function off and use a formatted SmartMedia to take the picture.
	WHITE ERROR	- The data could not be recorded due to a SmartMedia error or a connection error between the SmartMedia and camera. - The photographed image cannot be recorded as it is too large to fit in the available space on the SmartMedia.	- Re-insert the SmartMedia or switch the camera off and then on again. - Use a new SmartMedia.
	VOICE ERROR	The voice memo file is faulty.	The voice memo cannot be played back.
	FLASH ERROR	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, a tripod should be used for some scenes and modes.
	PROTECTED FRAME	A protected frame was erased.	Remove the protection.
	AF	The AF (auto focus) cannot work effectively.	- If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. - Use AF lock to take the picture.

Warning Displayed		Explanation	Remedy
LCD Monitor	display panel		
	AE	Outside the AE continuous range.	The shot can be taken, but the exposure will not be correct.
	DPOF SPECIFIC ERROR	There is a print order specified for image you attempted to erase.	When you erase the image, the DPOF settings for that image are deleted at the same time.
	RESET SMARTMEDIA ERROR	The DPOF file contains an error. Alternatively, the DPOF file was set up on a different device.	Press the MENU/OK button to create a new DPOF file and specify all the DPOF settings again.
	DPOF FULL ERROR	Prints were specified for more than 1000 frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same SmartMedia is 999.
	200% ZOOM ERROR	Camera malfunction or fault.	- Switch the camera on again, taking care not to touch the lens. - Turn the camera off and on again a few times.
	FOCUS ERROR		- Switch the camera off and on again, taking care not to touch the lens. - Switch the camera then on, taking a few times.
	LENS COVER ERROR	Lens cover fault.	- Switch the camera off and on again, taking care not to touch the lens. - Switch the camera then on, taking a few times.

Troubleshooting

► If you think the camera is faulty, check the following once more

Problem	Cause	Remedy
No power.	- The battery is exhausted. - The AC power adapter plug has come out of the power outlet. - The camera is not connected to the cradle correctly.	- Load a new fully charged battery. - Plug the adapter back in. - Ensure that the camera is properly fitted into the cradle.
Power cuts out during operation.	The battery is exhausted.	Load a new fully charged battery.
Battery runs out quickly.	- You are using the camera in extremely cold conditions. - The terminals are soiled. - The battery is flat.	- Put the battery in your pocket or another warm place to heat it and then load it into the camera just before you take a picture. - Wipe the battery terminals with a clean, dry cloth. - Load a new fully charged battery.
No photograph is taken when the shutter button is pressed.	- No SmartMedia is loaded. - The SmartMedia is fully recorded. - The SmartMedia is write-protected. - The SmartMedia is not formatted. - The SmartMedia contact area is soiled. - The SmartMedia is damaged. - The Auto Power Save function has switched the camera off. - The battery is exhausted.	- Load a SmartMedia. - Load a new SmartMedia or erase a frame. - Remove the write-protection. - Format the SmartMedia. - Wipe the SmartMedia contact area with a clean dry cloth. - Load a new SmartMedia. - Switch the camera on. - Load a new fully charged battery.

Problem	Cause	Remedy
I can't use the flash to take pictures.	- The Mode switch and Mode dial has been moved to another setting. - The flash is set to Suppressed Flash mode (The flash is closed). - You pressed the shutter button while the flash was charging.	- Set the Mode switch and Mode dial to the correct setting. - Pop the flash up. (The flash cannot be used in some modes (P-A2). Select a mode in which the flash can be used.) - Wait until charging is completed before pressing the shutter button.
The flash will not charge.	- No compatible SmartMedia is loaded. - The camera is set to Suppressed Flash mode. - The battery is exhausted.	- Load a new SmartMedia, erase a frame, or remove the write-protection. - Set the flash to Auto, Red-Eye Reduction or Forced Flash mode. - Load a new battery.
The playback image is too dark even though I used the flash.	- The subject is too far away. - Your finger was covering the flash.	- Move closer to the subject. - Hold the camera correctly.
The image is blurred.	- The lens is dirty. - The lens is zoomed to telephoto in Macro mode. - The photographed subject was too dark.	- Clean the lens. - Cancel Macro mode. - Try standing about 2 m (6.6 ft.) from your subject to take the picture.
There is speckling on the image.	The shot was taken with a shutter speed slower than 1/4 second.	This is a characteristic of CCDs and does not indicate a camera fault.

Troubleshooting

Problem	Cause	Remedy
I can't format the SmartMedia.	The SmartMedia is write-protected.	Remove the write-protection. (Peel off the write-protect sticker.)
The ERASE ALL function does not erase all the frames.	The frame is protected.	Remove the frame protection.
Nothing happens when I use the camera switches and dial.	- Camera malfunction. - The Mode switch and Mode dial has been moved to another setting. - The battery exhausted.	- Remove the battery, re-insert them and try again. - Set the Mode switch and Mode dial to the correct setting. - Load a new fully charged battery.
No image appears when I press the "DISP" button.	The Mode switch and Mode dial has been moved to another setting.	Set the Mode switch and Mode dial to the correct setting.
The camera does not emit any sound.	- The camera volume is set too low. - The microphone was blocked during shooting/recording. - The AV cable is connected.	- Adjust the volume. - Take care not to block the microphone during shooting/recording. - Disconnect the AV cable.
There is no picture on the TV.	- The camera and TV are connected incorrectly. - The TV input is set to "TV".	- Connect the TV and camera correctly. - Set the TV input to "Video".

Problem	Cause	Remedy
PC connection failed.	- The camera and cradle are not connected correctly. - The USB cable is not connected to the cradle correctly. - The camera and USB cable are not set up correctly. - The PC is not switched on.	- Connect the camera and cradle correctly. - Ensure that the USB cable is properly connected to the cradle. - Set up the camera and USB cable correctly. - Switch the PC on.
The lens extends during card reader connection.	- The camera and cradle are not connected correctly. - The PC is not switched on.	- Connect the camera and cradle correctly. - Switch the PC on.
I tried to charge the battery but the self-limer lamp does not light.	- There is no battery in the camera. - The camera and cradle are not connected correctly. - The cradle and AC power adapter are not connected correctly.	- Load the battery. - Connect the camera and cradle correctly. - Connect the cradle and AC power adapter correctly.
The self-limer lamp blinks during battery charging.	The battery is old.	Use a new battery.
The camera no longer works correctly.	The camera has suffered an unforeseen problem.	Remove the battery briefly and then reload the battery and try again.

Specifications

System

- Model: Digital camera FinePix4800 ZOOM
- CCD sensor:
1/1.7-inch Super CCD (with primary color filter)
The total number of pixels: 2.4 million in an interlaced pattern.
The number of effective pixels: 2.3 million.
- Image file size:
2400 × 1800 pixels (4.32 pixels) / 1600 × 1200 pixels /
1280 × 960 pixels / 640 × 480 pixels
- File format:
Still Image: Exif ver.2.1 (JPEG)
Movie : AVI format, Motion JPEG
Audio : Exif Ver. 2.1 audio file standard-compliant
- Storage media: SmartMedia (3.3V)
- Viewfinder: Real Image optical
- Lens: Super EBC Fujinon optical 3x zoom lens

■ Number of frames recorded

File Size	640 × 480		1280 × 960		1600 × 1200		2400 × 1800		640 × 480	
Quality Mode	FINE	NORMAL	FINE	NORMAL	FINE	NORMAL	FINE	NORMAL	BASIC	NORMAL
Image Data Size	Approx. 1700KB	Approx. 803KB	Approx. 762KB	Approx. 387KB	Approx. 620KB	Approx. 320KB	Approx. 1100KB	Approx. 550KB	Approx. 328KB	Approx. 170KB
MG-4S (4MB)	2	4	4	9	6	12	4	11	11	4
MG-8S (8MB)	4	9	10	19	12	25	8	23	23	8
MG-16S (16MB)	8	19	20	39	25	49	16	46	46	16
MG-32S (32MB)	16	38	41	79	50	99	32	94	94	32
MG-64S (64MB)	36	77	82	159	101	196	64	189	189	64
MG-128S (128MB)	74	156	166	319	204	398	128	379	379	128

- Aperture: F2.8/F7.0 (Wide-angle) to F4.5/F10.8 (Telephoto)
- Focus: TTL contrast-type, Auto or Manual
- Focus distance: f = 8.3 mm – 24.9 mm
(Equivalent to 36 mm – 108 mm on a 35 mm camera)
- Exposure control:
TTL 64-zones metering. Program AE, exposure compensation available in Manual photography mode
- Sensitivity: Equivalent to ISO 125/200/400
- White balance:
Auto (In Manual modes, 7 positions can be selected.)
- Focal range:
Normal: Approx. 80 cm (2.0 ft.) to infinity
Macro : Approx. 20 cm (0.6 ft.) to 80 cm (2.6 ft.)
- Shutter: Variable-speed, 3 sec. to 1/2000 sec. (using AE)
- Flash: Auto flash using flash control sensor
- Effective range: Wide-angle Approx. 0.2 m – 4 m
(0.6 ft. – 13.1 ft.)
Telephoto Approx. 0.2 m – 3 m
(0.6 ft. – 9.8 ft.)

Flash modes: Auto, Red-Eye Reduction, Forced Flash, Slow Synchro

- LCD monitor:
2-inches, low-temperature polysilicon TFT 130,000 pixels
- Video output:
NTSC (U.S.A./Canada model) / PAL (Europe model)
- Self-Timer: 10 sec. timer clock

Input/Output Terminals

- AV Output: Stereo mini-jack (1)
- Digital: USB (1) for image data output with a PC
- DC Input: Socket for specified AC power adapter
- Cradle connection socket: For connection to supplied cradle

Power Supply and Others

- Power supply:
Use one of the following
 - Rechargeable Battery NP-80 or AC Power Adapter AC-SV/AC-SVH
- No. of available shots using battery (battery life) with a fully charged battery

Battery Type	No. of Shots	Auto Play	Auto Recording
LCD monitor ON	Approx. 120	Approx. 1 hour	Approx. 1 hour
LCD monitor OFF	Approx. 250	—	Approx. 3 hour

The number of shots shown here is an approximate guide to the number of consecutive shots that can be taken based on 50% flash usage at normal temperatures. However, the actual number of available shots will vary depending on the ambient temperature when the camera is used and the amount of charge in the battery. The number of available shots or available shooting time will be lower in cold conditions.

- Conditions for use:
Temperature : 0°C to +40°C (+32°F to +104°F)
80% humidity or less (no condensation)
- Camera dimensions (W/H/D):
80 mm × 97.5 mm × 36.3 mm / 3.1 in. × 3.8 in. × 1.4 in.
(not including accessories and attachments)
- Camera mass (weight): 258 g / 9.1 oz.
(not including accessories, batteries or SmartMedia)
- Weight for photography: Approx. 300 g / 10.6 oz.
(including batteries and SmartMedia)
- Cradle dimensions (W × H × D):
80 mm × 53 mm × 80 mm / 3.1 in. × 2.1 in. × 3.1 in.
- Cradle mass weight: Approx. 125 g / 4.4 oz.
- Cradle I/O terminals:
DC input socket, digital (USB) socket and connector socket (for camera connection)
- Accessories: See P. 7
- Optional Accessories: See P.109 – 110

* These specifications are subject to change without notice.
* The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
* The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).

Explanation of Terms

AF/AE Lock

On the FinePix4800 ZOOM, pressing the shutter button down half way locks the focus and exposure settings (AF and AE lock). If you want to focus on a subject that is not centered in the frame or change the picture composition after the exposure is set, you can obtain good results by changing the composition after the AF and AE settings are locked.

Auto Power Save Function

If the camera is not used in any way for 15 seconds, this function switches features such as the LCD monitor off (Sleep mode) to prevent battery depletion and the waste of power when the AC power adapter is connected. If the camera is then left unused for a further period, the Auto Power Save function switches the camera off. This period can be set to 2 minutes or 5 minutes on this camera.

• Auto Power Save does not operate during automatic playback, when a USB connection is being used or if the Auto Power Save function is disabled during setup.

DPOF: Digital Print Order Format

DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are printed and how many prints are made of each image.

EV

A number that denotes exposure. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed. When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

JPEG

Joint Photographics Experts Group
A file format used for compressing and saving color images. The compression ratio can be selected, but the higher the compression ratio, the poorer the quality of the expanded image.

Motion JPEG

A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

PC Card

A generic term for cards that meet the PC Card Standard.

PC Card Standard

A standard for PC cards determined by the PCMCIA.

PCMCIA

Personal Computer Memory Card International Association [US].

WAVE

This is the standard Windows file format for recording sound. The file extension is "WAV", and the data itself is recorded either as PCM or as a compressed recording. This camera uses PCM recording.

The files can be played back as follows:

Windows: Use the accessories supplied with the operating system (MediaPlayer and SoundRecorder)

Macintosh: Use the applications supplied with the operating system (SimpleTest and QuickTime).

White Balance

Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance. A function that automatically matches the white balance is called an Automatic White Balance function.

Safety Notes

- To ensure that you use your FinePix4800 ZOOM camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
- After reading these Safety Notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

WARNING
This icon indicates that death or serious injury can result if the information is ignored.

CAUTION
This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the information which is to be observed.

Warning icon Triangular icons notify the user of information requiring attention ("Important").

Prohibited icon Circular icons with a diagonal bar notify the user that the action indicated is prohibited ("Prohibited").

Required icon Filled circles with an exclamation mark notify the user of an action that must be performed ("Required").



WARNING

If a problem arises, switch the camera off, remove the battery and disconnect and unplug the AC power adapter. Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.

- Contact your FUJIFILM dealer.



Unplugging from power socket.

Do not allow water or foreign objects to enter the camera.

If water or foreign objects get inside the camera, switch the camera off, remove the battery and disconnect and unplug the AC power adapter.

Continued use of the camera can cause a fire or electric shock.

- Contact your FUJIFILM dealer.



Do not place the camera on an unstable surface.

This can cause the camera to fall or tip over and cause injury.



Safety Notes

⚠ WARNING Never attempt to modify or disassemble the camera. (Never open the casing.) Do not use the camera when it has been dropped or the casing is damaged. This can cause a fire or electric shock. • Contact your FUJIFILM dealer.	 Do not use the camera in the bathroom or shower. This can cause a fire or electric shock.	 Do not use the camera while you are walking or operating a moving car or other vehicle. This can result in you falling down or being involved in a traffic accident.	 Do not touch any metal parts of the camera during a thunderstorm. This can cause an electric shock due to induced current from the lightning discharge.
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⚠ WARNING Do not modify, heat or untwist or pull the connection cord and do not place heavy objects on the connection cord. These actions could damage the cord and cause a fire or electric shock. • If the cord is damaged, contact your FUJIFILM dealer.	 Do not use the batteries except as specified. Load the batteries with the poles positioned as indicated by the ⊕ and ⊖ marks.	 Do not heat, modify or attempt to disassemble the batteries. Do not drop or subject the batteries to impacts. Do not attempt to recharge lithium or alkaline batteries. Do not store the batteries with metallic products. Do not use chargers other than the specified model to charge the battery. Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.
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⚠ WARNING Use only the batteries or AC power adapter specified for use with this camera. Do not use voltages other than the power supply voltage shown. The use of other power sources can cause a fire.	
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⚠ CAUTION Do not use this camera in locations severely affected by oil fumes, steam, humidity or dust. This can cause a fire or electric shock.	
Do not leave this camera in places subject to extremely high temperatures. Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.	
Keep out of the reach of small children. This product could cause injury in the hands of a child.	
Do not place heavy objects on the camera. This can cause the heavy object to tip over or fall and cause injury.	

Safety Notes

! CAUTION Do not move the camera while the AC power adapter is still connected. Do not pull on the connection cord to disconnect the AC power adapter. This can damage the power cord or cables and cause a fire or electric shock.	!
Do not cover or wrap the camera or the AC power adapter in a cloth or quilt. This can cause heat to build up and distort the casing or cause a fire.	!
When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the battery and disconnect and unplug the AC power adapter. Failure to do so can cause a fire or electric shock.	!
Do not use the flash close to anyone's eyes. This can cause temporary damage to the person's eyesight.	!

EC Declaration of Conformity

We
Name : Fuji Photo Film (Europe) G.m.b.H.
Address : Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product
Product Name : FUJIFILM DIGITAL CAMERA FinePix4800 ZOOM
Manufacturer's Name : Fuji Photo Film Co., Ltd.
Manufacturer's Address : 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards
Safety : EN60065
EMC : EN55022 : 1998 Classe B
EN55024 : 1998
EN61000-3-2 : 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).

CE

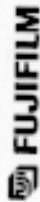
M. Magide

Dusseldorf, Germany April 1, 2001

Place Date Signature/Managing Director



Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA



FUJIFILM PHOTO FILM CO., LTD.

20-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8602, Japan

Printed in Japan

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