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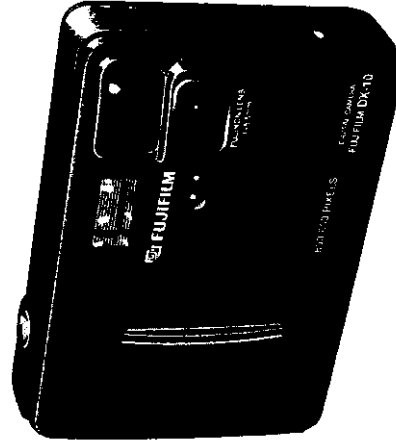
Part 15 Sub.part B Class B Digital Device

Exhibit F

OWNER'S MANUAL



DIGITAL CAMERA FUJIFILM DX-10



FUJI PHOTO FILM CO., LTD.
26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620, Japan

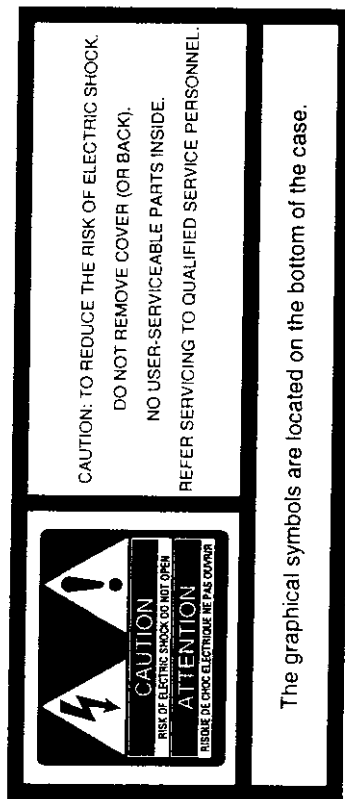
BB08525-200(1)

OWNER'S MANUAL

This manual will show you how to use your
DIGITAL CAMERA FUJIFILM DX-10 correctly.
Please follow the instructions carefully.

FGS-890111-NI

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

For customers in the U.S.A. FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

ATTENTION

NICKEL-CADMIUM BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY.

This product that you have purchased can be used with rechargeable batteries. These batteries are recyclable. At the end of their useful lives, under various state and local laws, it may be illegal to dispose of these batteries into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.



NI-Cd

Please read the Safety Notes (→ P.73) and make sure you understand them before using the camera.

SmartMedia

- When you are carrying or storing SmartMedia, always keep the SmartMedia in the anti-static case provided to ensure that the SmartMedia is not adversely affected by static electricity.
- 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.

Liquid Crystal

- If the LCD monitor or LCD panel is damaged, take particular care with the liquid crystal in the monitor or panel. If any of the following situations arise, take the urgent action indicated.
- If liquid crystal comes in contact with your skin
Wipe the area with a cloth and then wash thoroughly with running water and soap.
- If liquid crystal gets into your eye
Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed
Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

Notes on Electrical Interference

Do not use this device in aircraft or hospitals.
The use of this device in an aircraft or hospital can cause malfunctions in the control devices used in the aircraft or hospital.

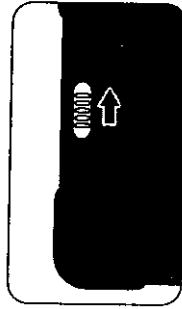
Switching Off

Check that the camera is not recording an image.

1

Switch the camera off.

Slide the POWER button all the way in the direction of the arrow and then release it.



2

Remove the SmartMedia.

1 Slide the SmartMedia release knob to open the SmartMedia cover.

2 Grip the SmartMedia with your fingertips and pull it out.

3 Close the SmartMedia cover.



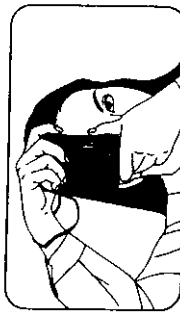
CAUTION

Never open the SmartMedia cover or remove the SmartMedia while an image is being recorded onto the SmartMedia during photography or while an image is being read from the card during playback. This can corrupt the data on the SmartMedia or damage the SmartMedia itself.

The camera switches off when you open the SmartMedia cover.

GETTING
READY

To prevent camera movement (shake), hold the camera with both hands and brace your elbows firmly against your sides.



GETTING
READY

When you are shooting with the camera in portrait mode (held on its side), hold the camera so that the viewfinder is at the bottom.

CAUTION

Take care that your fingers or the hand strap do not obscure the lens or flash.

■ Test Shots Prior to Photography

For particularly important photographs (such as weddings and overseas trips), always take a test photograph to check that the camera is functioning normally.

- Fuji Photo Film Co., Ltd cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Power Supply

In order to use this camera, you will need 4 AA-size long-life Ni-Cd or alkaline batteries or the AC-5V Power Adapter (sold separately). Do not use manganese batteries.

■ AC Power Adapter

Use only the AC-5V AC Power Adapter (sold separately) with your DX-10 Digital Camera. (The AC-5V is sold separately.) The use of an AC adapter other than the AC-5V may result in damage to your DX-10 Digital Camera.

■ SmartMedia

Use only Fujifilm image memory cards (SmartMedia). Only 3.3-volt SmartMedia can be used with the DX-10.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impacts or shocks while an image is being recorded.

■ Cleaning the Lens Surface

For optimum digital camera performance, make sure that the lens surface is free from dust, fingerprints, and other foreign particles. Gently wipe the lens surface clean with a soft dry cloth.

■ Data that Can Be Played Back on Your Camera

The DX-10 Digital Camera can be used to play back recorded image data or image data transferred from a personal computer (Exif-JPEG format with file sizes up to 1280 x 1024 pixels). The special effect functions can only be used with images shot on this camera.

■ LCD Monitor

The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points may appear on the monitor and white characters (particularly vertical lines) may appear colored. This is normal and does not indicate a fault with the monitor.

● High Quality Images

The 850,000-pixel primary-color CCD gives high-quality, high-resolution (1,024 x 768 pixels) images and video output at a horizontal resolution of 400 lines or better (playback).

● 1.8-inch LCD (liquid-crystal display)

The camera's LCD allows you to check the picture you have taken and show it to your friends immediately.

● Compact and Lightweight

Size : 110 x 77 x 33 mm / 4.3 x 3.0 x 1.3 in

Weight : 200g / 7.1 oz (not including accessories, batteries or SmartMedia)

● Extensive Focusing Range

0.7 m / 27.6 in to infinity (at F4), Macro 10 cm / 3.9 in

● Easy-to-Use Wide-Angle Lens

Equivalent to 40 mm lens on a 35 mm camera

F4 / F8 selectable

● Flash

Auto-flash with flash control sensor.

Flash modes : Auto (in low light), Red-Eye Reduction, Forced Flash and Suppressed Flash

● Support for SmartMedia

Uses compact, lightweight, fast and low-cost SmartMedia.

● Choice of Image Quality

Using the SmartMedia supplied (2MB, 3.3V Image Memory Card at 1024 x 768 pixels) Approximately 13 frames can be recorded in Normal mode (1/11 compression). Approximately 6 frames can be recorded in Fine mode (1/5 compression).

● JPEG (Exif) Format

JPEG-format images can be imported directly into applications running on a personal computer. The PC/AD /AD2 / AD3 PC Card Adapter and Floppy Disk Adapter FD-A1 / A1S / A1N allows even greater compatibility with personal computers.

● PC Mode

Image data can be transferred to and from a personal computer via serial interface.

● Date and Time Recording/Playback Function

The date and time of shooting are automatically recorded and displayed on the LCD.

● Unparalleled ease of operation

■ Trademark Information

- IBM PC/AT is a registered trademark of International Business Machines Corp. of the USA.
- Macintosh is a trademark of Apple Computer, Inc.
- MS-DOS and Windows are registered trademarks of the Microsoft Corporation of the U.S., registered in the USA and other countries.
- Windows is an abbreviated term referring to the Microsoft Windows Operating System.
- Other company or product names are trademarks or registered trademarks of the respective companies.

2 Information Displayed by the DISP Button

The table below shows the information displayed on the LCD by the DISP button for different Mode dial settings.

Mode Dial Setting	Information Shown on LCD
[M] Self-timer mode	Live image* + on-screen display → All OFF (initial status)
[M] Manual mode	Live image + on-screen display → Live image → On-screen display (initial status)
[M] Normal mode	Live image + on-screen display → Live image → All OFF (initial status)
[M] Playback mode	Single-frame playback + on-screen display (initial status) → Single-frame playback → Multi-frame playback
[M] Erase mode	Single-frame playback + menu display → Multi-frame playback + menu display
[M] Protect mode	Single-frame playback + menu display (initial status) → Multi-frame playback + menu display
[M] PC-mode	On-screen display (initial status) → On-screen display OFF

* Live image refers to the video image shown before a picture is taken.

NOTE

To extend battery life, turn off the display while you are taking pictures and use the viewfinder.

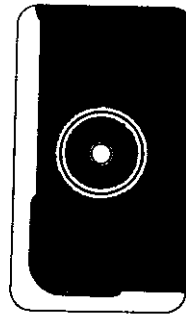
The LCD monitor brightness can be adjusted immediately after you set the Mode dial to Normal, Manual or Playback mode.

NOTE

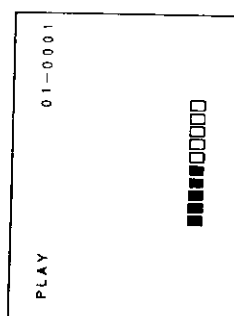
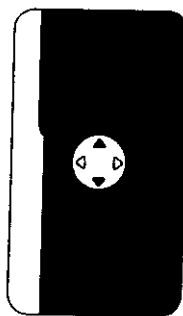
Adjustments to the LCD monitor brightness do not affect the brightness of recorded images.

1 Hold down the <DISP> button (approx. 2 seconds).

The brightness adjustment mode screen appears on the LCD monitor.

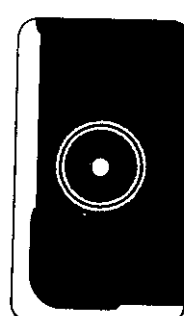


2 Use the <◀> and <▶> buttons to adjust the brightness.



3 To exit the brightness adjustment mode screen, press the <DISP> button again.

When you exit the brightness adjustment mode screen, you return to the screen you were in previously.



Use the hand strap to avoid dropping the camera during shooting.

Attaching the Hand Strap

1 Pass the end of the strap through the strap mount on the camera.



2 Pull the end of the strap back through the strap fastener.



GETTING
READY

Using the Hand Strap

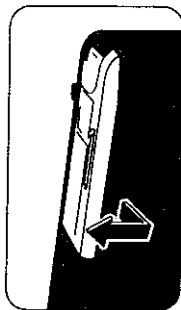
1 Wear the strap around your wrist.

To avoid dropping the camera while shooting, loop the hand strap over your wrist and then hold the camera by the grip.

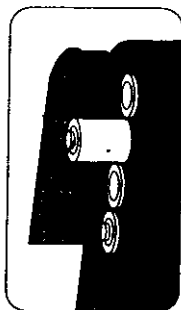


Use 4 long-life (minimum 1000mAh) Ni-Cd or alkaline batteries.

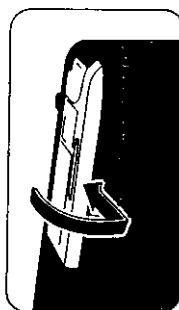
1 Slide the battery cover out and lift it up.



2 Load the batteries in the direction indicated.



3 Press down on the center of the battery cover to close the cover. Check that the battery cover is securely closed.



CAUTION

- When replacing the batteries, ensure that all four batteries are new and of the same type.
- Always switch the camera off before replacing the batteries.
- Check the date and time settings after you replace the batteries. See P.44 for information on resetting the date and time.

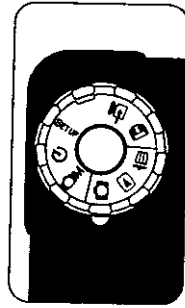
See P.66.

Always switch the camera off as promptly as possible.

When the batteries are exhausted, the battery icon  appears on the LCD. This indicates that the batteries need to be replaced. If you are using Ni-Cd batteries, recharge the batteries.

Taking Pictures Using the Viewfinder

1 Set the Mode dial to [P].



If the LCD monitor is switched on, press the <DISP> button to switch the monitor off.

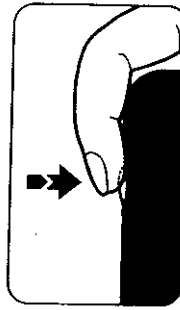
* See P.20 for more information on using the <DISP> button.

2 Look through the viewfinder to compose the picture.



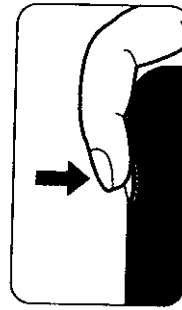
3 Press the shutter button half way.

The camera automatically adjusts the focus and exposure. See P.18 for more information on using the shutter button.



4 Without lifting your finger off, press the shutter button down fully.

The camera takes a picture. While the image data is being recorded onto the SmartMedia, the viewfinder lamp turns orange. You cannot take pictures while the lamp is orange.



NOTE

The amount of image data recorded is not fixed and varies depending on factors such as the level of detail in the image. As a result, in some cases the number of shots available may not decrease, or may decrease by 2 when recording ends.

CAUTION

Never open the SmartMedia cover or remove the SmartMedia while an image is being recorded onto the SmartMedia during photography or while an image is being read from the card during playback. This can corrupt the data on the SmartMedia or damage the SmartMedia itself.

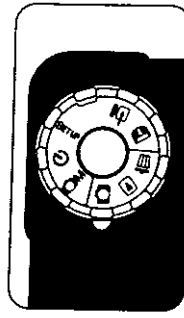
The camera switches off when you open the SmartMedia cover.

Taking Pictures Using the LCD Monitor

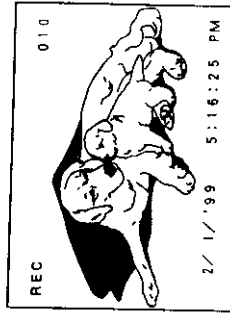
1 Set the mode dial to [P].

If the LCD monitor is switched off, press the <DISP> button to switch the monitor on.

* See P.19 for more information on using the <DISP> button.



2 Look at the LCD monitor to compose the picture.

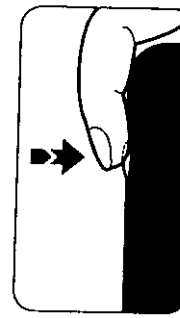


NOTES

- If the image on the LCD monitor is difficult to see, you can adjust the brightness of the monitor. See P.21 for details.
- Adjusting the monitor brightness does not affect the brightness of the recorded image.

3 Press the shutter button down half way.

The camera automatically adjusts the focus and exposure. See P.18 for more information on using the shutter button.



Notes on Using SmartMedia

■ 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
 - * When the SmartMedia is removed and the camera is switched off during data recording, data erasing, SmartMedia initialization 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

- Use only the SmartMedia specified for use with the DX-10. 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.
- 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.
- 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.
- 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.
- Note that SmartMedia has a limited life. Once SmartMedia has been used for a long period, it may become impossible to write data to or erase data from the SmartMedia. When this occurs, purchase a new SmartMedia.
- If there is any defect in the initial product quality that is due to a fault on the part of the manufacturer, the corresponding number of replacement SmartMedia will be provided. Fuji Photo Film Co., Ltd. accepts no responsibility whatsoever for any other faults.

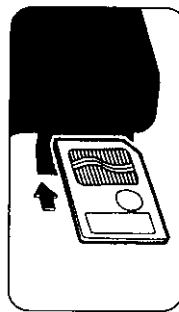
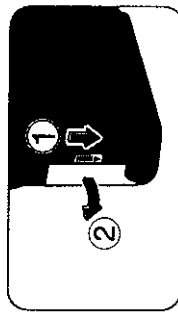
GETTING
READY

Switching On

1

Load the SmartMedia.

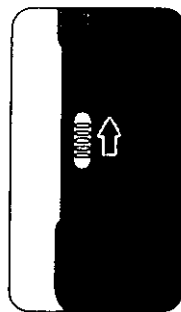
- ① Slide the SmartMedia button in the direction of the arrow [↓] to open the SmartMedia cover.
- ② Insert the SmartMedia.
Slide the SmartMedia in slowly so that the contact area (gold portion) faces the gold line on the SmartMedia holder (towards the front of the camera) and push the SmartMedia in fully.
- ③ Close the SmartMedia cover.



2

Switch the camera on.

Slide the switch in the direction of the arrow until the camera beeps and then release it.

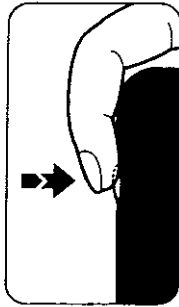


The opening screen

The opening screenshown during the day differs from that shown at night. If you hold down the <DISP> button as you switch the camera on, then the opening screen appears. To revert to the opening screen not being displayed, switch the camera off and then hold the <DISP> button down as you switch the camera on again.

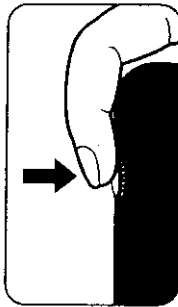
4 Press the shutter button down half way.

The camera automatically adjusts the focus and exposure.
See P.18 for more information on using the shutter button.



5 Without lifting your finger off, press the shutter button down fully.

The camera takes a picture.
While the image data is being recorded onto the SmartMedia, the viewfinder lamp turns orange. You cannot take pictures while the lamp is orange.



- o Look at the LCD monitor from directly in front.
- o To prevent camera shake, hold the camera firmly with both hands and brace your elbows against your sides.

CAUTION

Never open the SmartMedia cover or remove the SmartMedia while an image is being recorded onto the SmartMedia during photography or while an image is being read from the card during playback. This can corrupt the data on the SmartMedia or damage the SmartMedia itself.
The camera switches off when you open the SmartMedia cover.

By using the digital 1.6 X telephoto function, you can enlarge the central area of the image to 1.6 times its normal size and thereby increase the apparent focal length of the lens by 60% (to the equivalent of roughly 64mm on a 35mm camera).

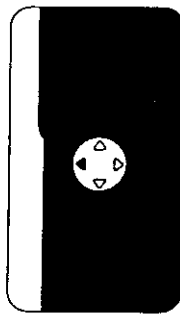
NOTE

The 1.6 X telephoto function is only available when you are using the LCD monitor to take pictures (→ P.25).

1

Press the **<▲>** button.

[**1.6x**] appears on the LCD monitor and the central part of the image increases in size by 60%.



2

Look at the image on the LCD monitor to compose the shot, and then take the picture.

See P.25 for information on how to take the picture.

3

To exit Telephoto mode:

Press the **<▼>** button.

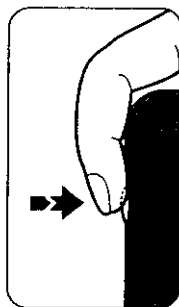
NOTES

- The recorded image size is fixed at 640 X 480 pixels. Because the central part of the image is enlarged, the image quality is decreased.
- The zoom function is automatically switched off when you switch the camera off or if the Auto Power Off function is triggered.

The shutter button on the DX-10 has two positions. If you press the shutter button lightly, it stops half way down. Pressing the button beyond this point activates the shutter and takes a picture.

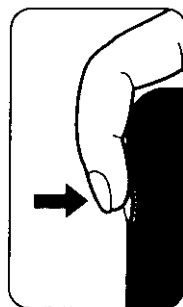
1 Pressing half way (pressing lightly):

AE (auto exposure) operation begins.
The AE setting are locked.



2 Pressing fully (pressing the button further down from the halfway position):

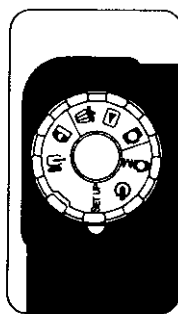
The camera takes a picture.



CAUTION

- Moving the camera as you press the shutter button will result in a blurred image.
Hold the camera firmly in both hands.
- If you press the shutter button down fully without stopping halfway, the camera sometimes does not take a picture. If this occurs, release the shutter button and repeat steps 1 and 2 to take the picture.

1 Overview of the Mode Dial



[SETUP] : Setup Mode (→ P.39)

In this mode, you can set the flash mode, image quality, file size (number of pixels), sharpness, frame number memory, buzzer tone and date and time settings.

[] : Self-timer mode (→ P.45)

Allows you to use a 10-second timer for self-timer shooting.

[DM] : Manual Mode (→ P.46)

Allows you to check the photographed image before it is recorded. This mode also allows you to select the white balance, brightness and flash brightness settings. The Manual mode also allows you to shoot in Synchro mode or Multi-REC mode.

[] : Normal mode (→ P.23)

This is a simple and convenient photography mode in which the camera automatically selects the exposure (a combination of shutter speed and aperture setting) and the focus to suit the shooting conditions. This mode is ideal for general photography where you are not trying to achieve any particular effect.

[] : Playback Mode (→ P.31, P.54)

Allows normal single-frame playback, multi-frame playback, automatic playback, playback zoom and special effects.

[] : Erase mode (→ P.34)

Allows you to erase one frame, erase all frames or initialize a SmartMedia card from which all the frames have been erased.

[] : Protect mode (→ P.60)

Allows you to protect one frame, or to remove the protection from one frame or all the frames.

[] : PC mode (→ P.63)

Allows you transfer your images to a personal computer or to operate your camera from a personal computer.

Single-Frame Playback

- 1 Set the mode dial to [▶]. The last recorded frame appears on the LCD.

NOTES

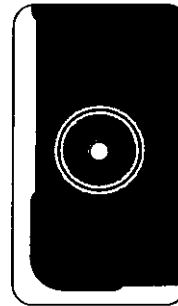
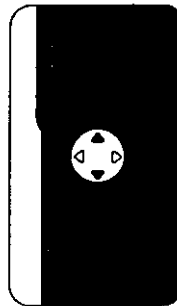
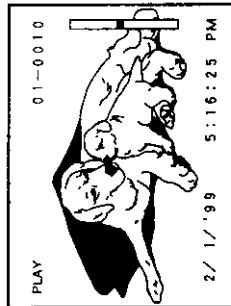
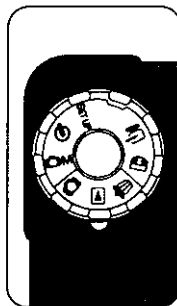
- If the image on the LCD monitor is difficult to see, you can adjust the brightness of the monitor. See P.21 for details.
- Adjusting the monitor brightness does not affect the brightness of the recorded image.

- 2 Use the <◀> and <▶> buttons to move to other frames.

Hold down the cursor movement key to automatically scroll forward or backward through the frames.

<▶> : Scroll forward
<◀> : Scroll backward

- 3 To switch off the on-screen display, press the <DISP> button.



Multi-Frame Playback : 9-Shot Multi-Image Playback

- 1 Set the mode dial to [▶]. The last recorded frame appears on the LCD.

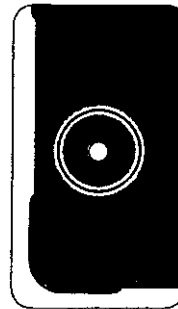
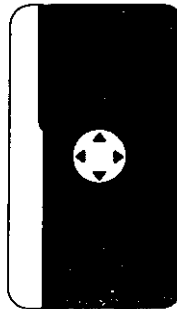
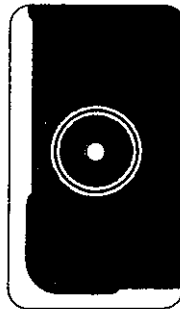
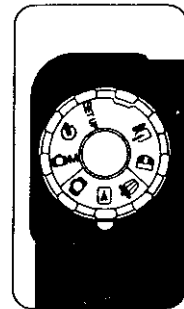
- 2 Press the <DISP> button (2 times). The 9-shot multi-frame playback screen appears.

- 3 You can now use the <◀> and <▶><▲><▼> buttons to move the pointer to the desired frame.

The frame number is only shown while the cursor is moving.

Hold down the cursor movement key to move the cursor more quickly.

- 4 Press the <DISP> button again to playback the selected frame and display the image on the LCD.



Power LED		Meaning
Color	Status	
Green	Lit	Ready to shoot
	Flashing	AE in progress or camera shake warning.
Orange	Lit	Image being recorded onto the SmartMedia
	Flashing	Flash charging
Red	Flashing	• SmartMedia is not loaded. • SmartMedia is not formatted. • Incorrect format. • SmartMedia write-protected. • No free space. • SmartMedia is damaged. • The lens cover is closed. • Error details can be checked on the LCD.

GETTING READY

NOTE

The viewfinder lamp may flash orange for several seconds when you press shutter button. This does not affect the picture taken.

- To prevent the depletion of the batteries and the waste of power when the AC power adapter is used, the camera automatically switches itself off if it is not used for two minutes or more.
 - The Auto Power Off function does not operate during Auto Play or in PC mode.
 - To disable the Auto Power Off function, hold down the <MENU/EXE> button when you switch the camera on.
- Note that if the camera is left unused for 2 minutes or more, the flash may not operate when a photograph is taken and you may not obtain the correct image. Switching the camera off and then on again re-activates the Auto Power Off function.

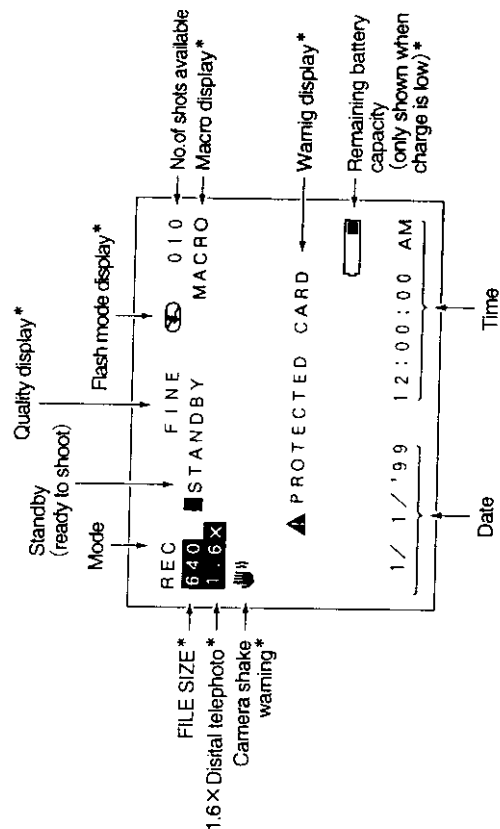
Normal mode is a simple and convenient photography mode in which the camera automatically selects the exposure (a combination of shutter speed and aperture setting) and the focus to suit the shooting conditions. This mode is ideal for general photography where you are not trying to achieve any particular effect.

To avoid depleting the battery, you should use the viewfinder rather than the LCD monitor when taking pictures.

However, note that the field of view in the image seen through the viewfinder may not match that of the image photographed. To precisely determine the actual field of view, use the LCD monitor when you take the picture.

It may be necessary to format the SmartMedia (→ P.37) before you take any pictures.

Example of LCD Monitor Text Display



The above screen shows the NTSC model. The date order differs in the PAL model (day, month, year).

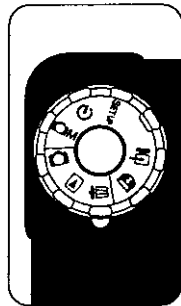
Asterisks indicate items that may not be displayed depending on the camera mode and photography conditions.

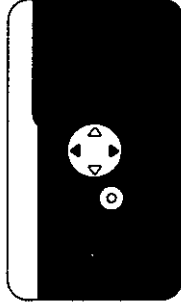
NOTE

The on-screen display may be distorted after you record an image or switch modes. This does not affect the picture taken.

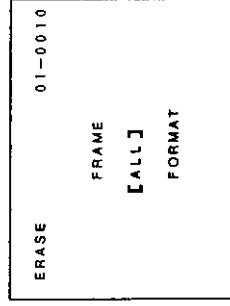
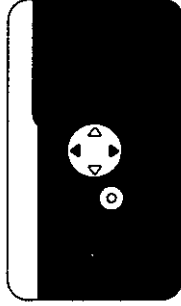
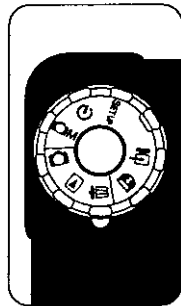
Erasing All Frames

This operation erases all the unprotected frames (Protect Mode→P.60) on a SmartMedia.

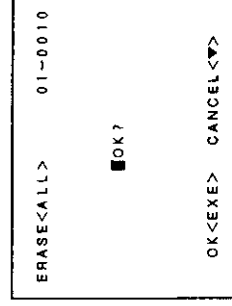
1 Set the Mode dial to []. The menu screen appears.

2 Use the  or  button to select [ALL] and press the  button.

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3 A confirmation message appears.



4 To erase the images, press  [MENU/EXE]. To cancel, press the  button.

NOTE

If you erase all the frames, the directory number is retained (→ P.43). Images shot subsequently are recorded using the highest saved directory number.

Formatting (Initialization)

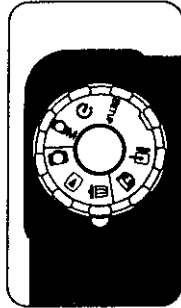
This feature format (initializes) the SmartMedia and erases all the frames on the card, including any protected frames.

CAUTION

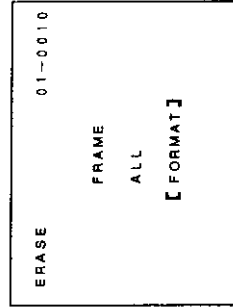
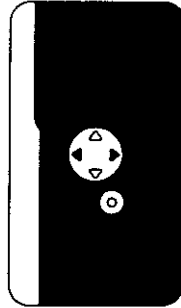
Always use the camera to format a SmartMedia.

1 Set the Mode dial to []. The menu screen appears.

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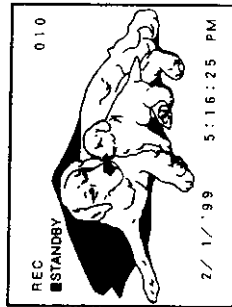


2 Use the  or  button to select [FORMAT] and press the  button.



NOTE

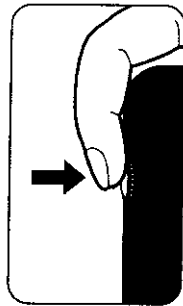
Once the exposure is set, "STANDBY" appears on the LCD monitor.



4 Without lifting your finger off, press the shutter button down fully.

The camera takes a picture. While the image data is being recorded onto the SmartMedia, the viewfinder lamp turns orange. You cannot take pictures while the lamp is orange.

BASIC PHOTOGRAPHY



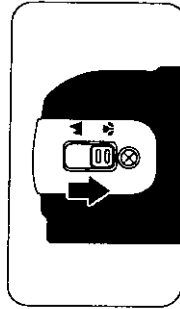
- Using the viewfinder to take pictures uses less battery power and allows you to extend battery life.
- Look at the LCD monitor from directly in front.
- To prevent camera shake, hold the camera firmly with both hands and brace your elbows against your sides.
- Depending on the subject of the photo (the width of the image, etc.) the number of available shots may not decrease after the image is recorded or may decrease by 2. This is because the amount of data recorded varies from image to image.

CAUTION

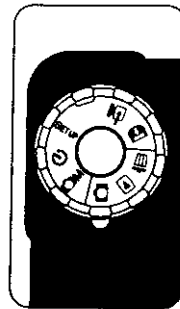
- Never open the SmartMedia cover or remove the SmartMedia while an image is being recorded onto the SmartMedia during photography or while an image is being read from the card during playback. This can corrupt the data on the SmartMedia or damage the SmartMedia itself.
- The camera switches off when you open the SmartMedia cover.
- Some dots on the LCD monitor may be permanently bright or dark or may be the same color all the time. This is not a fault and does not affect the quality of the recorded image.
- White characters (particularly vertical lines) displayed on the LCD monitor may appear colored. This is normal and does not indicate a fault with the monitor. This also has no effect on the recorded images.

When you shoot subjects close up, the field of view you see through the viewfinder does not match the actual image photographed. Use the LCD monitor to compose close-up shots since the monitor shows you the actual field of view for the shot. You should also use Manual mode so that you can check the image before recording it. The focal distance is approximately 10 cm / 3.9in. See P.46 for more information on shooting in Manual mode.

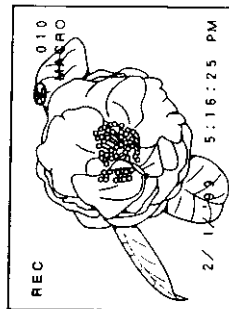
1 Set the focus selector button to the macro setting.



2 Set the mode dial to [M].



3 Look at the LCD monitor to compose the picture.



NOTES

- If the image on the LCD monitor is difficult to see, you can adjust the brightness of the monitor. See P.21 for details.
- Adjusting the monitor brightness does not affect the brightness of the recorded image.

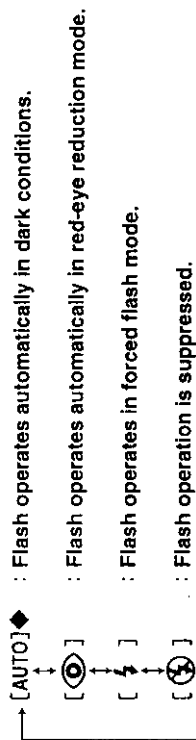
CAUTION

- you are using macro photography in Manual mode, set Synchro to OFF. If you leave Synchro set to ON, the flash operates and will result in the exposure being incorrect.
- The flash should not be used when taking pictures in Macro mode. If you have set the flash mode to Forced Flash in [SETUP], change the flash mode to another setting. If the mode is set to Auto, flash operation is automatically suppressed when you set the Focus Selector switch to Macro.

FLASH

Sets the flash operation mode.

[LCD Monitor Display Sequence]



■ [AUTO]

The flash operates automatically in low-light conditions.

⚠ CAUTION

The flash does not operate in macro photography.

■ [Red-Eye Reduction]

Use this mode to avoid the "red-eye effect" when photographing people in low-light conditions.

The flash emits a pre-flash just before the picture is taken and then flashes again to take the actual picture.

• Red-Eye Effect

When you use the flash to photograph people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. To minimize the likelihood of the red-eye effect, take the following precautions when you take the picture:

- ① Use Red-Eye Reduction mode.
- ② Get the subjects to look at the camera.
- ③ Get as close as possible to the subjects.

■ [Forced Flash]

In this mode, the flash always operates.

Use Forced Flash to shoot pictures in backlit conditions or artificial light (fluorescent lighting, etc.).

In this mode, the flash also operates during macro photography.

■ [Suppressed Flash]

Use Suppressed Flash mode when you are taking pictures in indoor lighting at distances too great for the flash to have any effect, such as theater performances or indoor sporting events.

This mode stops the flash from operating.

* If you use Suppressed Flash mode in dark conditions, use a tripod to prevent camera shake.

QUALITY

You can select either of 2 levels of quality (recorded image compression ratio) depending on the type of shot. The number of available shots (→ P.82) varies depending on the image quality you select.

Select [FINE] when you want better image quality and [NORMAL] when you want to fit more images on the SmartMedia.

[LCD Monitor Display Sequence]

[NORMAL]◆ : 1/11 (JPEG) compression
 ↓
 [FINE] : 1/5 (JPEG) compression (1,024 × 768 pixels)
 1/8 (JPEG) compression (640 × 480 pixels)

FILE SIZE (No. of Pixels)

You can select either of two file size settings depending on the type of shot. The number of available shots (→ P.82) varies depending on the file size setting you select. When you select the 640 x 480 file size, [640] appears on the LCD panel when you take the picture.

[LCD Monitor Display Sequence]

[1024×768]◆ : 1,024 × 768 pixels
 ↑
 [640×480] : 640 × 480 pixels

To use a television to take pictures and view images, first connect the camera (NTSC or PAL model) to the television (NTSC or PAL model).
In locations with access to a power outlet (indoors, etc.), use the AC-5V (sold separately).

CAUTION

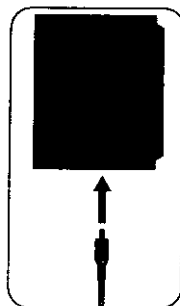
Always switch all devices off before connecting them together.
If you connect the camera to another device while the camera is switched on, the image may not be displayed normally (screen distortion, etc.). Always switch the camera off before connecting the camera to another device.

1 Switch the camera off and insert the small plug on the video cable (supplied) into the VIDEO OUT socket on the camera.

Always switch devices off before connecting them together.



2 Plug the other end of the video cable into the video input socket on the TV.



3 Take a picture (or view an image).

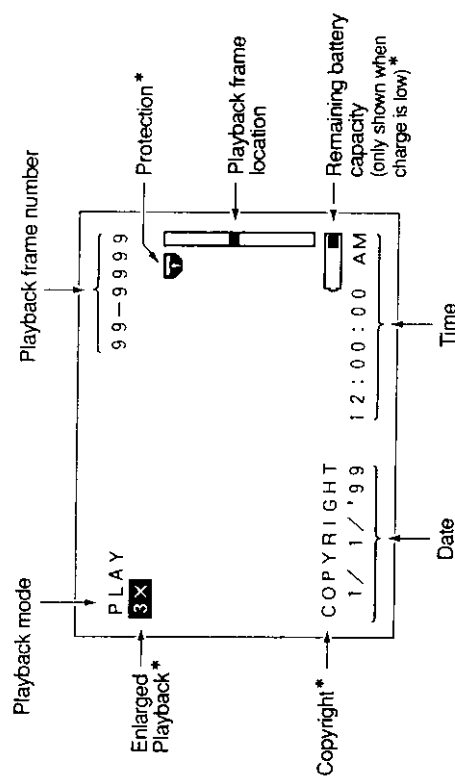
See P.23 for information on how to take pictures and P.31 for information on how to view images.

NOTE

No image appears on the LCD monitor if the video cable is connected to the camera.
The live image (the video image shown before a picture is taken) is not as clear as the image shown in playback mode (The resolution is lower).

In locations with access to a power outlet (indoors, etc.), use the AC-5V (sold separately).
See P.30 for information on how to view images on a TV.

Example of LCD Monitor Text Display



The above screen shows the NTSC model. The date order differs in the PAL model (day, month, year).

Asterisks indicate items that may not be displayed depending on the camera mode and photography conditions.

NOTES

- When you play back an image that has been recorded on a different digital camera, the playback mode and playback frame number displays may differ from the example shown above.
- The "COPYRIGHT" field is a feature of the software supplied with the Interface Set (sold separately) and is displayed for images where the camera's copyright information input function has been used. Refer to the User's Guide supplied with the software for details.

DATE/TIME

This setting specifies the date and time.

1 The date and time are displayed with the year digits flashing.

Each time you press the <▶> button, the flashing digits change as follows : Year → Month → Day → Hour → Minute.

Year	Month	Day
DATE [99]/1/1		
Hour	Minute	Second
TIME 12:00:00 AM		
0: <EXE>		

2 Use the <▲> and <▼> buttons to set the number and then the <▶> button to move to the next setting.

3 Pressing the <MENU/EXE> button after you set the minutes completes the settings and returns you to the [SETUP] screen.

[SETUP]	
FLASH	AUTO
QUALITY	NORMAL
FILE SIZE	1024×768
SHARPNESS	NORMAL
FRAME NO	RENEW
BEEP	ON
DATE/TIME	▶ 12:00:00
RESET	EXE

- * The seconds display changes to [00] and starts running when you press the <MENU/EXE> button.
- * Check the date and time settings after you replace the batteries.

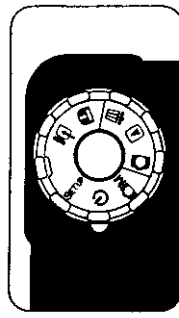
NOTE

When replacing the batteries, load the new batteries within 5minutes. The date and time settings are only retained for 5minutes once the batteries are removed.

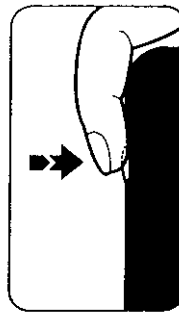
RESET

This function resets the settings to the default values (indicated by ◆) when you press the <MENU/EXE> button. Note that the date and time are not reset.

1 Set the mode dial to [☺].

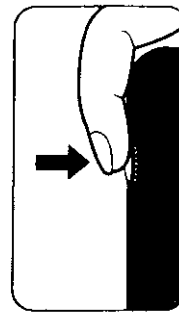


2 Compose the picture and press the shutter button down half way.



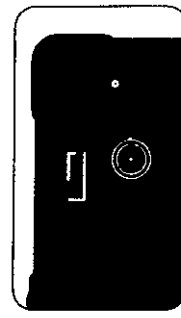
The camera automatically sets the exposure.

3 Press the shutter button down fully.



4 The self-timer lamp lights and then flashes.

The shutter operates after 10 seconds.



NOTES

- To interrupt the self timer, press the <▼> button or switch the mode dial to a different setting.
- If you are taking a picture using the LCD monitor, a 10-second countdown is displayed on the monitor.

You can use the DX-10 Digital Camera to erase single frames, to erase all the frames on a SmartMedia, or to format a SmartMedia.

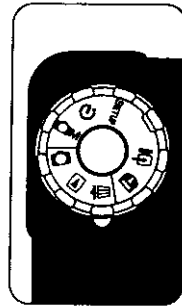
CAUTION

- You cannot erase protected frames. → P.60
- Formatting a SmartMedia erases all the frames on the card, regardless of whether they are protected.
- You cannot erase images from or format a write-protected SmartMedia. → P.13

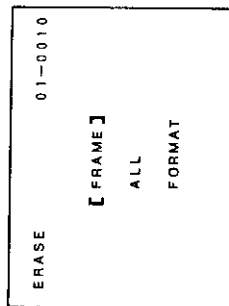
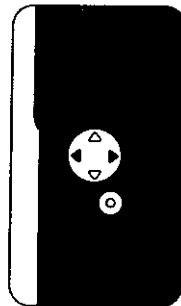
Erasing Single Frames

This feature erases the selected frame.

1 Set the Mode dial to []. The menu screen appears.

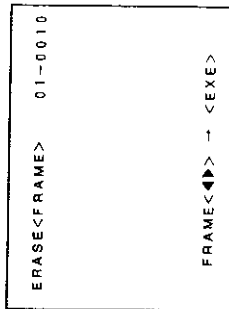
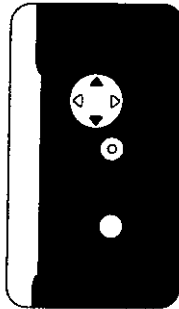


2 Use the <▲> or <▼> button to select [FRAME] and press the <MENU/EXE> button.

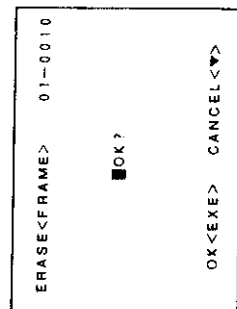


3 Use the <◀> and <▶> buttons to select the image to be erased and press the <MENU/EXE> button.

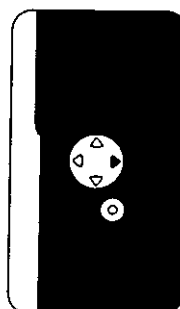
Press the <DISP> button to select frames in the same way as in 9-shot multi-frame playback.



4 A confirmation message appears.



5 To erase the selected image, press <MENU/EXE>. To cancel, press the <▼> button.

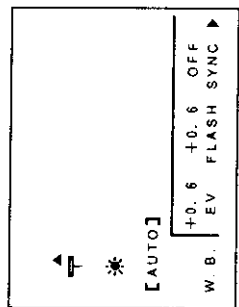


6 To erase another frame, repeat the procedure from step 3.

CAUTION

If [ PROTECTED FRAME] is displayed, the image cannot be erased. Switch to Protect mode (→ P.60) to remove the protection.

2 Use the <◀> or <▶> button to select [W.B.].



3 Use the <▲> or <▼> button to select the white balance setting.

- [AUTO] : Adjusted automatically
- [*] : Shooting outdoors (in fine weather)
- [☰] : Shooting in fluorescent light (in bluish light)
- [☷] : Shooting in fluorescent light (in reddish light)
- [☆] : Shooting in incandescent light

4 Use the <MENU/EXE> button to confirm the setting.

NOTES

- The default setting is [AUTO] (Outdoor).
- This setting does not apply when the flash is used.

ADVANCED FEATURES

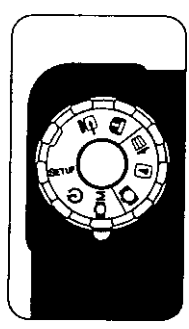
When the brightness of the light changes, the human eye adapts so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance.

Setting the Brightness (Adjusting the Exposure)

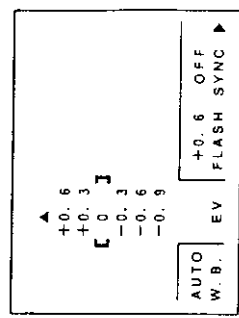
Use this setting to achieve the optimum image brightness (exposure) when the subject is very small in the picture or when the subject is much brighter or darker than the background.

1 Set the Mode dial to [DM].

If the LCD monitor is switched off, press the <DISP> button.



2 Use the <◀> or <▶> button to select the brightness select [EV].



3 Use the <▲> or <▼> button to select the brightness (exposure compensation).

<▲> : Brightens the image.
<▼> : Darkens the image.

There are 9 compensation levels (-0.9 to +1.5EV in approx. 0.3EV steps).

CAUTION

In low-light conditions, pressing the <▲> button may not make the image brighter.

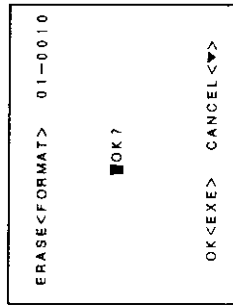
4 Use the <MENU/EXE> button to confirm the setting.

NOTES

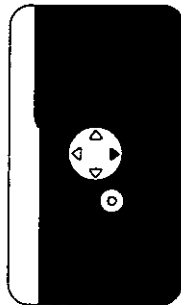
- The default setting is [0].
- If the subject is dark, the brightness of the live video image (preview image) may not change. Press the shutter button and check the brightness of the preview image (photographed still image).

ADVANCED FEATURES

3 A confirmation message appears.



4 To format the SmartMedia, press <MENU/EXE>. To cancel, press the <V> button.



NOTE

If you format a SmartMedia, the directory number (→ P.42) is reset. Images shot subsequently are recorded under directory number 1.

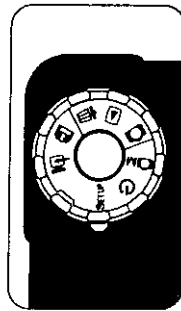
BASIC PHOTOGRAPHY

Use Setup mode to specify the 8 settings listed below. The **◆** icon indicates the default setting. The settings are retained when the camera is switched off.

1. FLASH
2. QUALITY
3. FILE SIZE
4. SHARPNESS
5. FRAME NO.
6. BEEP
7. DATE / TIME
8. RESET

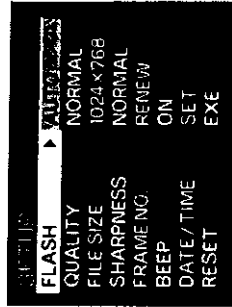
1 Set the Mode dial to [SETUP].

The SETUP screen appears.



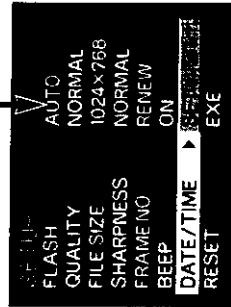
2 Use the <▲> and <▼> buttons to move to the setting you want to change.

The highlight [] moves.



3 Use the <◀> or <▶> button to change the setting.

Each time you press the button, the setting in field **A** changes. For the [DATE/TIME] and [RESET] settings, press the <MENU/EXE> button to move to the respective setup screen. Select the appropriate settings for the shooting conditions.



4 To confirm the settings, use the <▲> and <▼> buttons to move the cursor to the next setting or switch the Mode dial to another setting.

CAUTION

Removing the batteries or disconnecting the AC power adapter while the camera is switched on can reset the settings and could cause camera malfunctions. Always switch the camera off first.

ADVANCED FEATURES

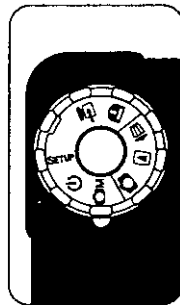
Synchro Mode Setting

This mode changes the shutter speed to suit the subject and uses forced flash. Use this mode when you are shooting under artificial lighting (fluorescent lamps, etc.), in backlit conditions or at night and you want to photograph both the subject and the background.

1

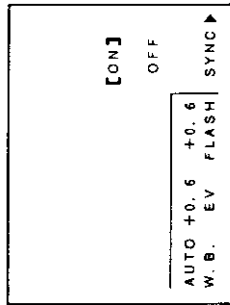
Set the Mode dial to [DM].

If the LCD monitor is switched off, press the <DISP> button.



2

Use the <◀> or <▶> button to select [SYNCHRO].



3

Use the <▲> or <▼> button to select [ON].

4

Use the <MENU/EXE> button to confirm the setting.

NOTES

- The default setting is [OFF].
- If Synchro is set to [ON], Red-Eye Reduction is the only flash mode available in SETUP. All other modes are disabled. Note also that the flash is always used in Synchro mode.
- When you are shooting a subject at dusk, or night scene with Synchro mode set to [ON] (slow synchro photography), a slower shutter speed is used and the camera shake warning is displayed. When you press the shutter button, the viewfinder lamp flashes green. If the LCD monitor is switched on, the camera shake warning [] appears. In this situation, you should use a tripod to prevent camera shake.

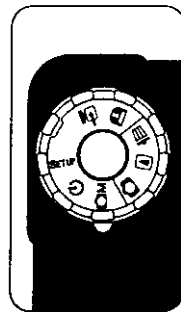
Multi-REC (Consecutive Shots)

Multi-REC allows you to take 9 rapid consecutive photographs of the subject. Use this mode to photograph subjects such as a golf swing.

1

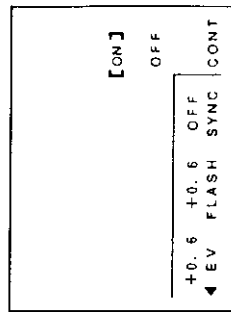
Set the Mode dial to [DM].

If the LCD monitor is switched off, press the <DISP> button.



2

Press the <◀> or <▶> button to select [CONT].



3

Use the <▲> or <▼> button to select [ON].

[ON]: Takes 9 consecutive shots in approximately 2 seconds.
[OFF]: Consecutive shots are not taken.

4

Use the <MENU/EXE> button to confirm the setting.

NOTE

The default setting is [OFF].

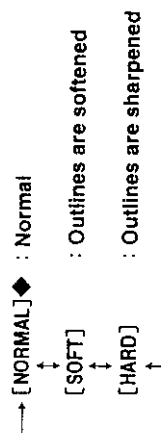
CAUTION

When you select Multi-REC mode, the flash setting specified during setup and the forced-flash setting in Synchro mode are both ignored and flash operation is suppressed.

SHARPNESS

The Sharpness setting allows you to sharpen or soften the outlines in an image. Use this feature to produce a more true-to-life photograph.

[LCD Monitor Display Sequence]

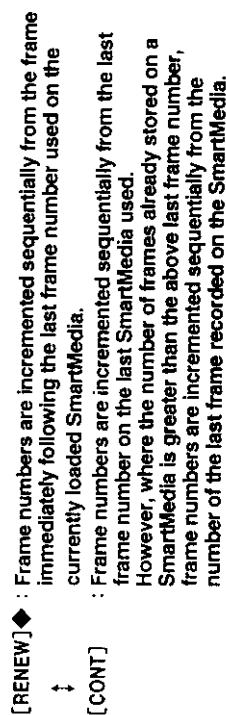


FRAME NO.

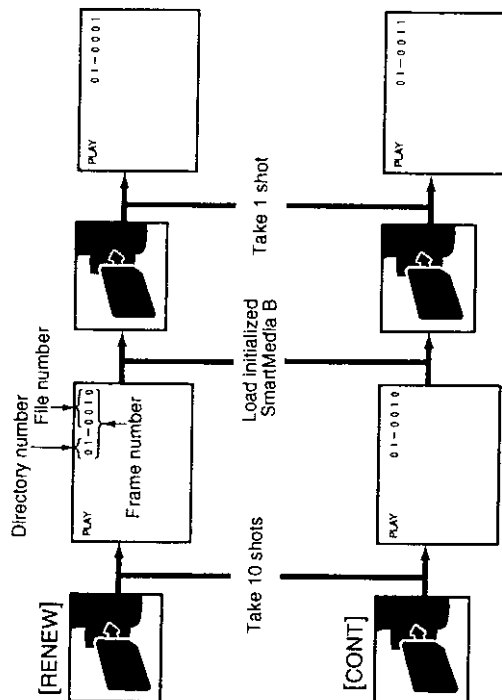
This setting specifies the method by which frame numbers for recorded images are incremented.

Setting the frame number function to ON makes file management easier since it prevents file name duplication when images are downloaded to a PC.

[LCD Monitor Display Sequence]



ADVANCED
FEATURES



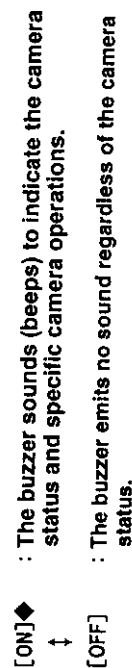
- * The first 2 digits of the frame number indicate the directory number while the remaining 4 digits are the file number.
- * The highest frame number is 99-9999.
- * When file number 9999 is reached, the directory number increases by 1 and filing of images shot restarts from file number 0001.
- * The highest directory number is 99. When frame number 99-9999 is reached, set FRAME NO. to OFF and erase some of the recorded images on the SmartMedia before using frame number memory again.

ADVANCED
FEATURES

BEEP

This setting allows you to switch the camera buzzer on or off. Use the buzzer as appropriate.

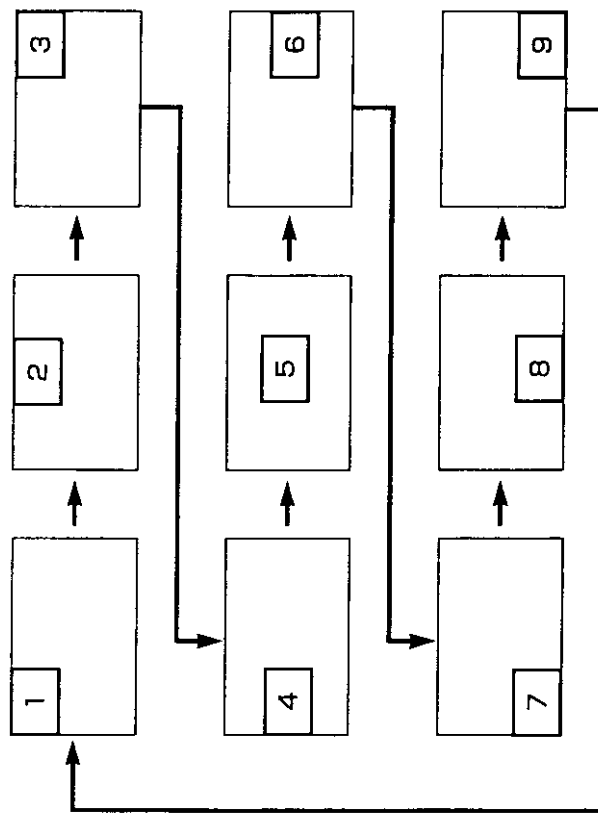
[LCD Monitor Display Sequence]



5 The scaled image appears in the top-left corner of the screen. Use the <◀> or <▶> button to change the position of the displayed image.

Use the <◀> and <▶> buttons to change the area to be enlarged. The zoomed areas are shown in the figure below. The <◀> button moves in the direction of the arrows and the <▶> button moves in the opposite direction.

Selecting the area to be enlarged

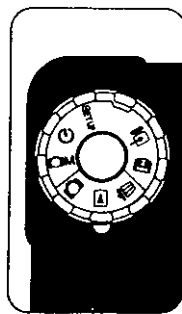


6 Pressing the <DISP> button again cancels enlarged playback and returns you to the menu screen.

Consecutive Playback of Images Shot in Multi-REC Mode

You can use the enlarged playback function to continuously playback consecutive images shot in Multi-REC mode.

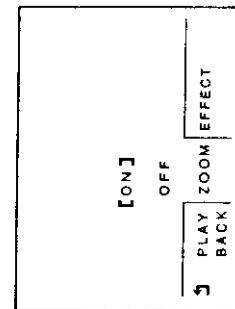
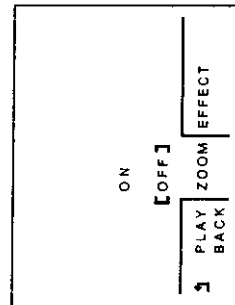
1 Set the Mode dial to [▶] to display the last frame on the LCD monitor.



2 Use the <◀> or <▶> button to select the desired Multi-REC image and press the <DISP> button to view the menu screen.

3 Use the <◀> and <▶> button to select the zoom setting and the <▲> or <▼> button to select [ON], and then press the <DISP> button.

ADVANCED FEATURES



4 Use the <◀> and <▶> buttons to move forward or backward one frame at a time.

Hold down the button to playback the images consecutively.

ADVANCED FEATURES

Manual mode allows you to specify all the photography settings and then check the photographed image on the LCD monitor before you decide whether or not to record the image onto the SmartMedia.

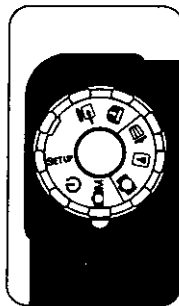
The settings are retained when the camera is switched off.

CAUTION

- The white balance, brightness (exposure compensation) and flash brightness settings are only available in [DM] : Manual mode. Synchro mode and Multi-REC mode (consecutive shooting) are also only available in Manual mode.
- Note also that if you switch the camera off, the Manual mode settings are retained and are valid when you switch the camera back on.
- Removing the batteries or disconnecting the AC power adapter while the camera is switched on can reset the settings and could cause camera malfunctions. Always switch the camera off first.

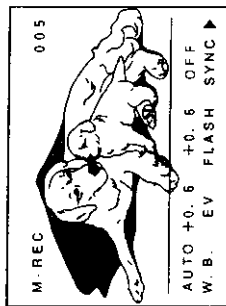
1 Set the Mode dial to [DM].

When the menu screen is not shown on the LCD monitor, press the <DISP>button.



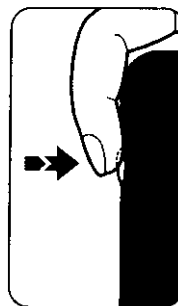
NOTES

- If the image on the LCD monitor is difficult to see, you can adjust the brightness of the monitor. See P.21 for details.
- Adjusting the monitor brightness does not affect the brightness of the recorded image.

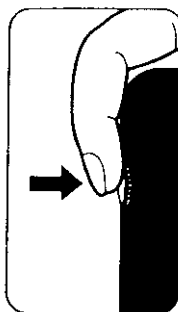


2 Compose the picture and press the shutter button down half way.

The camera automatically sets the exposure.



3 Press the shutter button down fully.



4 The photographed image (preview) appears on the LCD monitor.

5 To record the image onto the SmartMedia, press the <MENU/EXE>button.

To discard the image, press the <V>button.

CAUTION

Never open the SmartMedia cover or remove the SmartMedia while an image is being recorded onto the SmartMedia during photography or while an image is being read from the card during playback. This can corrupt the data on the SmartMedia or damage the SmartMedia itself.

The camera switches off when you open the SmartMedia cover.

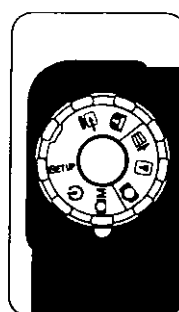
ADVANCED FEATURES

Setting the White Balance

You can select any of 5 white balance settings: Auto, Outdoor, Fluorescent 1, Fluorescent 2 and Incandescent. The Auto setting is normally used. Use the other settings to set the white balance when you are shooting outdoors or in special lighting.

1 Set the Mode dial to [DM].

If the LCD monitor is switched off, press the <DISP>button.



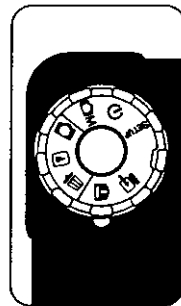
This feature assigns the read-only attribute to images to prevent them from being inadvertently erased.

CAUTION

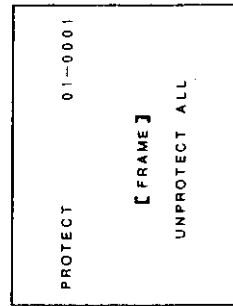
- When you format a SmartMedia card, all the images on the SmartMedia are erased, regardless of whether they are protected.
- To protect the entire card, refer to "Write Protection". → P.13

Protecting / Unprotecting Single Frames

1 Set the Mode dial to []. The menu screen appears.



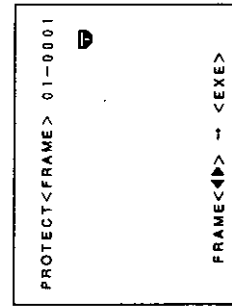
2 Use the <▲> or <▼> button to select [FRAME] and press the <MENU/EXE> button.



3 Use the <◀> and <▶> buttons to select the frames to be protected and then press the <MENU/EXE> button.

Press the <DISP> button to select frames in the same way as in 9-shot multi-frame playback.

4 The protection icon appears next to the frame number to indicate that the frame is protected.



5 To remove the protection, repeat steps 1 to 3, select the images from which protection is to be removed, and press the <MENU/EXE> button.

6 The protection icon no longer appears next to the frame number, indicating that the frame is not protected.

7 To apply or remove protection to another frame or frames, repeat the above procedure from step 3.

The camera's AE (automatic exposure control) function sets the shutter speed and the aperture setting so that the brightness levels (tones) of the image being photographed produce gray (mid tone) then they are averaged out. This process eliminates any low-key (overly dark) and high-key (overly bright) points. However, this can produce actual background colors that are too bright or too dark overall. When this problem arises, shooting with uncompensated AE will not capture the true image. To obtain an image that is close to the actual image you see, you need to use exposure compensation. Exposure compensation is required in the following situations:

Positive (+) Compensation

- Copying of printed text (black characters on white paper) (+1.5EV)
- Backlit portraits (+0.6 to +1.5EV)
- Very bright scenes (such as snowfields) and highly reflective subjects (+0.9EV)
- Shots made up predominantly of sky. (+0.9EV)

Negative (-) Compensation

- Spill subjects, particularly against dark backgrounds (-0.6EV)
- Copying of printed text (white characters on black paper) (-0.6EV)
- Scenes with low reflectivity, such as shots of green or dark foliage (-0.6EV)

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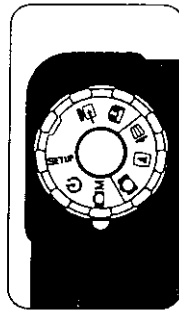
Setting the Flash Power

Use flash power adjustment to achieve the optimum flash brightness when the subject is very small in the picture.

1

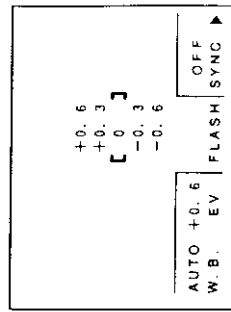
Set the Mode dial to [DM].

If the LCD monitor is switched off, press the <DISP> button.



2

Use the <◀> or <▶> button to select [FLASH].



3

Use the <▲> or <▼> button to set the flash brightness.

<▲> : Increases the flash brightness.

<▼> : Decreases the flash brightness.

There are 5 compensation levels (-0.6 to +0.6EV in approx. 0.3EV steps).

CAUTION

If you are shooting in dark conditions or if the subject is too distant, pressing the <▲> button may not give a brighter picture.

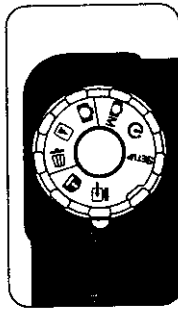
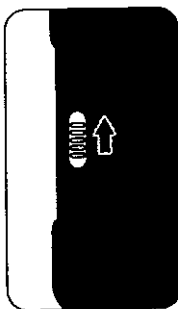
4

Use the <MENU/EXE> button to confirm the setting.

NOTES

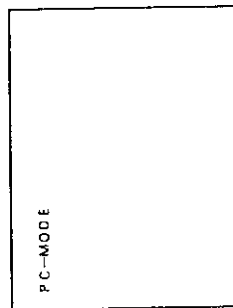
- The default setting is [0].
- The brightness of the live video image (video image prior to shooting) does not change.
- To check the flash brightness, press the shutter button and view the preview image (photographed still image).

4 Switch on the camera and set the Mode dial to [P].



5 Operate the camera from the PC. Start up the application.

For information on how to use the software, refer to the user manual for the respective application.

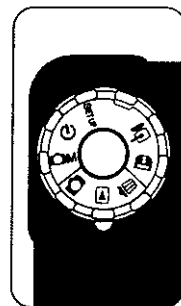


CAUTION

- Image data can only be exchanged between the DX-10 and a personal computer using files with the file names DSCF0001.JPG to DSCF9999.JPG (Exif-JPEG format).
- The Auto Power Off function does not operate in PC-mode.
- If the power is switched off during data transmission, the image data will not be received correctly.
- To switch the camera to another mode after using PC-mode, switch the camera off, select the new mode and then switch the camera back on.
- If you are taking pictures remotely, check that the lens cover is open.

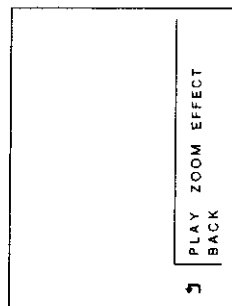
- Initialize the SmartMedia in the camera.
- When a SmartMedia is initialized in the camera, a folder (directory) called "iM01FUJI" is automatically created. Image data is then recorded in this folder. Do not change or delete the folder (directory) names or file names on the SmartMedia from the personal computer as this will make it impossible to use the SmartMedia in the camera.
- Always use the camera to delete image data on a SmartMedia.
- To edit image data, copy the image data to the computer's hard disk and then edit the copied data.
- To record or erase image data on a SmartMedia card from the personal computer, use the Fujifilm PICTURE SHUTTLE Data Transfer Software.

AUTO PLAY : Playback with automatic frame advance

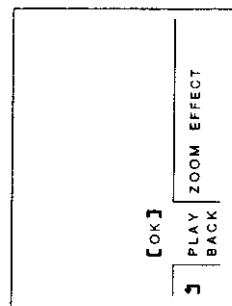


1 Set the mode dial to [▶]. The last recorded frame appears on the LCD.

2 Press the <MENU/EXE> button. The menu screen appears.



3 Use the <◀> or <▶> button to select [PLAYBACK] and then press the <MENU/EXE> button to begin automatic playback.

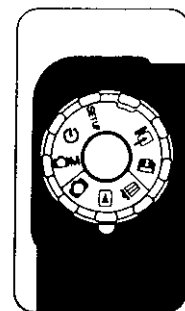


4 Pressing the <MENU/EXE> button again ends automatic playback and returns to the menu screen.

NOTES

- The Auto Power Off function does not operate during Auto Play.
- Pressing the <DISP> button switches display of the current frame number and date and time on and off.

Enlarged Playback : Viewing images at 3times normal size on the monitor

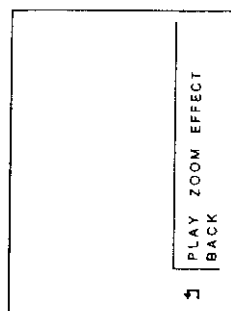


1 Set the mode dial to [▶]. The last recorded frame appears on the LCD.

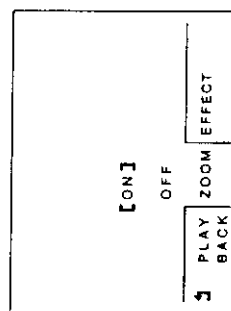
2 Use the <◀> and <▶> buttons to select the frame to be enlarged.

Press the <DISP> button to select frames in the same way as in 9-shot multi-frame playback.

3 Press the <MENU/EXE> button to display the menu screen.



4 Use the <◀> or <▶> button to select [ZOOM]. Then use the <▲> or <▼> button to select the scale and press the <MENU/EXE> button.



The optional accessories (sold separately) can make taking pictures with the DX-10 even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

AC-5V AC Power Adapter

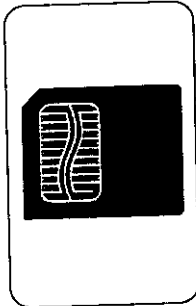
Use this adapter if you want to take pictures over an extended period or when you connect your camera to a personal computer.



SmartMedia

These are separately available SmartMedia cards.

- Image memory card type (3.3V)
MG-4S (4MB)
MG-8S (8MB)
MG-16S (16MB)



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).

- PC-AD : Compatible with SmartMedia of 5V, 2MB / 4MB
- PC-AD2 : Compatible with SmartMedia of 5V / 3.3V, 2MB to 8MB
- PC-AD3 : Compatible with SmartMedia of 5V / 3.3V, 2MB to 16MB

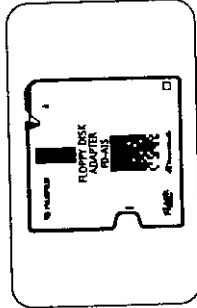


16MB/X

OTHER

Floppy Disk Adapter (FlashPath)

This adapter is the same size and shape as a 3.5-inch floppy disk. You can upload 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-A1	Windows 95	
FD-A1S		
FD-A1N	Windows 95 / 98, Macintosh	5V / 3.3V, 2MB to 16MB

BK-68PF Battery Charger with Battery

- Battery Charger x 1
- Long-life (1,000 mAh) Ni-Cd Rechargeable Battery x 4

4KR-3UF Ni-Cd Rechargeable Battery

- Long-life (1,000 mAh) Ni-Cd Rechargeable Battery x 4

SC-DX8 Soft Case

This is a special case for the DX-8 and the DX-10

This case can be used when carrying the camera to protect it from dust, dirt and mild impact.

(Made by Polyurethane)

OTHER

Special Effects

You can apply 7 types of special effect to an image.

■ Slim

This effect allows you to show a slimmer version of the subject in the center of your picture.

You can also use this procedure to show a wider version of the subject in an image shot portrait style.

■ Wide

This effect allows you to show a wider version of the subject in the center of your picture.

You can also use this procedure to show a slimmer version of the subject in an image shot portrait style.

■ Convex Lens

This effect allows you to apply a convex (fish-eye) lens effect to the center of an image.

■ Concave Lens

This effect allows you to apply a concave lens effect to the center of an image.

■ Silver

This effect allows you to view an image in metallic silver tones.

■ Gold

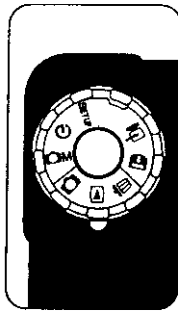
This effect allows you to view an image in metallic gold tones.

■ Sepia

This effect allows you to view an image in sepia tones.

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- 1 Set the Mode dial to [P]. The last frame appears on the LCD monitor.



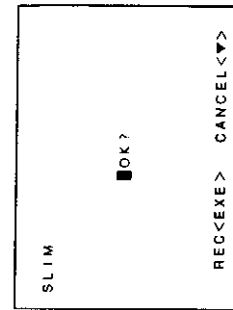
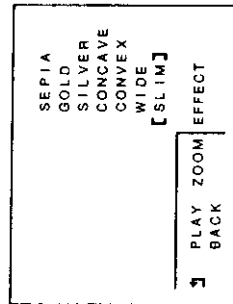
- 2 Use the <◀> and <▶> buttons to select the image to which you want to apply the effect.

You can also select frames in the same way as in 9-shot multi-frame playback by pressing the <DISP> button.

- 3 Press the <MENU/EXE> button to switch to the menu screen.

- 4 Use the <◀> or <▶> button to select [EFFECT]. Then use the <▲> or <▼> button to select the type of effect and press the <MENU/EXE> button.

An hourglass icon [X] appears while the effect is being applied.



These screens show preview of the Slim effect.

- 5 The image is displayed with the effect applied.
Press the <MENU/EXE> button to record the image in a new frame on the SmartMedia.
Press the <▶> button to return to the menu screen.

ADVANCED
FEATURES

Be sure to read this information in conjunction with "Safety Notes" (→ P.73) 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)
- For long periods in contact with chemicals such as pesticides or next to rubber or vinyl products

● **Do not expose the camera to sand.**

The DX-10 is particularly adversely affected by sand. In sandy locations such as beaches or deserts, or in locations where there is windborne 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, remove the batteries and the SmartMedia card before storing the camera.

● **Cleaning Your Camera**

- Use a blower brush 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 scrape the lens, LCD or viewfinder with hard objects as the surface scratches easily.
- Clean the body of the camera with a soft dry cloth. Do not use volatile substances such as thinners, benzene 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.

- Ensure that you read this Owner's Manual carefully before you use your DX-10 camera so that you use your camera correctly. Also, always read the Owner's Manual, and particularly the Safety Notes, for any connected devices, such as the AC power adapter or other accessories, to ensure that you also use these devices correctly.
- After reading this Owner's Manual, always keep it close at hand for easy reference.

About the Icons

A number of icons are displayed both in this Owner's Manual and on the product. These icons are intended to facilitate safe and correct use of the product, to prevent injury to yourself or anyone else, and to prevent damage to equipment or other objects. These icons and their meanings are explained below. Ensure that you fully understand these warnings before you read this manual.



WARNING

Indicates that, if this warning is ignored, improper handling of the product may cause death or serious injury.



CAUTION

Indicates that, if this warning is ignored, improper handling of the product may cause personal injury or material damage.

Examples of Icons



Triangular icons notify the user of information requiring attention. Specific details of the information are indicated graphically inside the icon. (The icon at left indicates that the user must beware of electric shocks.)



Circular icons with a diagonal bar notify the user that the action indicated is prohibited. Specific details of the prohibited action are indicated graphically in or beside the icon. (The icon at left indicates that the device must not be disassembled.)

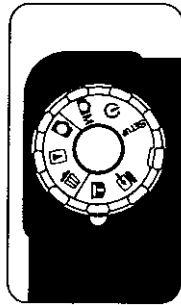


Filled circles notify the user that an action must be performed. Specific details of the required action are indicated graphically in the icon. (The icon at left indicates that the device must be unplugged from the power socket.) Always observe these instructions.

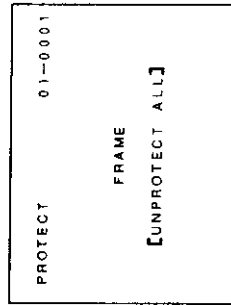
Removing Protection from All Frames

This function removes the protection from all protected frames.

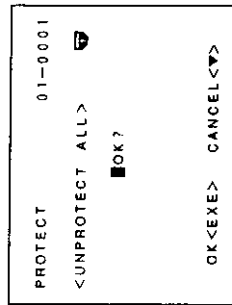
- 1 Set the Mode dial to [P]. The menu screen appears.



- 2 Use the <▲> or <▼> button to select [UNPROTECT ALL] and press the <MENU/EXE> button.



- 3 A confirmation message appears.



- 4 To remove the protection, press <MENU/EXE>. To cancel, press the <▼> button.

In PC-mode, you can connect the camera to a personal computer using a supplied serial cable and then transfer image data in either direction or control photography from the Windows or Macintosh computer.

To avoid data transfer failures due to depleted battery charge, use the optional AC-5V AC Power Adapter.

NOTE

If you are using the PC card adapter (sold separately), refer to the Owner's Manual for the card adapter.

CAUTION

- Install the software on your personal computer before you connect the camera and computer together.
- Switch the camera and personal computer off before you connect them together.
- The Auto Power Off function does not operate in PC mode.

- 1 Switch the camera off and plug one end of the connection cable into the DIGITAL socket on the camera.



CAUTION

Do not plug anything other than the special connection cable into the DIGITAL socket. This could cause a fault. Check also that the plug is inserted fully into the socket.

- 2 Connect the other end of the connection cable to the personal computer.

Windows Any of the COM1 to COM4 ports
Macintosh Modem or printer port

- 3 Switch on the personal computer.



- Do not touch the power plug during a thunderstorm if you are using the AC power adapter.
This may cause an electric shock.



Do not touch.

- Never use this camera, look through the viewfinder, or watch the LCD (liquid crystal display) while you are operating a moving car, motorcycle or bicycle.
This may cause a traffic accident.



- Do not attempt to charge the alkaline battery.
This may cause the battery to split or leak, causing fire or injury.



- Do not carry or store a battery with objects such as metal pens, necklaces, coins or hairpins. This could short circuit the positive + and negative - poles of the battery.
This may cause the battery to split or leak, resulting in fire or injury.



- Do not heat or attempt to disassemble a battery, and do not place a battery in water or in a fire.
Any of these may cause the battery to split or leak, cause fire or injury.



- Do not subject a battery to strong impacts, such as hitting it with a hammer, stepping on it or dropping it.
Any of these may cause the battery to split or leak, cause fire or injury.



- Use only the specified batteries or AC power adapter specified for use with this camera.
The use of other power sources may cause a fire.



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- When leaving the camera unused for long periods, such as during a vacation, always unplug the camera from the power source (batteries or AC power adapter) for safety.
(If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.)
Failure to do so could result in a fire.



- Contact your Fuji dealer or local authorized Fuji service facility to request cleaning of the interior of the camera every two years. Allowing dust to accumulate in the camera for long periods without cleaning the camera interior may cause a fire or electric shock.
Cleaning is best performed prior to seasonal periods of high humidity.
Consult with your Fuji dealer or local authorized Fuji service facility for information on the cost of cleaning your camera.



- Do not use batteries other than those specified for use with your camera.
The use of unsuitable batteries may result in the batteries splitting or leaking and causing a fire, injury, or soiling of the battery compartment.



- When fitting a battery into the camera, check the polarity markings on the battery (+ and -) to ensure that you insert the battery correctly.
Incorrect battery polarity may result in the batteries splitting or leaking and causing a fire, injury, or soiling of the battery compartment.



- Remove the batteries if the camera will not be used for an extended period of time. The batteries may leak and cause a fire, injury or soiling of the battery compartment.
If the batteries leak, clean and wipe the battery compartment carefully and install new batteries. Wash your hands carefully if you touch the battery fluid.



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Note the points listed below when using batteries. Read the instructions and especially the safety notes for conventional and rechargeable batteries carefully to ensure that you use the batteries correctly.

Number of Available Frames

■ Reference

Number of Available Consecutive Shots

	LCD On	LCD Off
Long-life (1,000 mAh) Ni-Cd batteries	Approx. 150 frames	Approx. 400 frames
Alkaline batteries	Approx. 220 frames	Approx. 500 frames

- The above figures are a guide to the number of consecutive shots that can be taken when the flash is used 50% of the time at room temperature. However, the actual number of available shots varies depending on the ambient temperature when the camera is used and the amount of charge in the battery.
- To avoid wasting battery charge, switch the camera off promptly when it is not being used.
- To increase the time for which your battery can be used in cold locations, warm the battery by placing it in your pocket and then load it into the camera just before you take pictures. If you are using a heating pad, take care not to place the battery directly against the pad.

Notes on Handling the Batteries

- Use only AA-size long-life Ni-Cd or alkaline batteries.
- Because batteries use a chemical reaction to generate voltage, low ambient temperatures can lower the voltage generated and reduce the number of available shots. This is very common with alkaline batteries.
- The capacity of alkaline batteries varies depending on the brand. The life of some batteries may be considerably shorter than that of the batteries provided with the DX-10.
- Do not use manganese batteries.
Manganese batteries have an extremely low capacity, and will either be unusable from the outset or have only a fraction of the life of conventional batteries.
- When replacing the batteries, always replace **four new** batteries.
In the case of Ni-Cd batteries, 'new batteries' refers to batteries recently charged at the same time. In the case of alkaline batteries, it refers to batteries purchased recently in the same package.

- Do not use new batteries together with used batteries and do not use batteries of different types together.
- Remove the batteries from the camera if it will not be used for a long period.
- If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.
- Always keep the contact terminals clean.
Soiled terminals shorten the life of the batteries. If the batteries have not been used for a long period or if the terminals are soiled, load and remove the batteries several times to improve the terminal contact.
- Store the batteries in a cool dry place. If left for long periods in a hot location, the batteries will discharge and the battery life will be shortened.

Notes on Using the Batteries

- If the batteries are used for a long period, the camera grip and the batteries themselves may become warm. This is not a fault. To take pictures over a long period, use the AC Power Adapter AC-5V (sold separately).

■ About the BK-68PF Ni-Cd Battery Charger

The BK-68PF Ni-Cd Charger can recharge 4 Long-life (1,000 mAh) Ni-Cd batteries in about 10 hours (at room temperature).

- Only use the charger to recharge Ni-Cd batteries. Do not attempt to recharge other types of battery.
- Batteries can be recharged in ambient temperatures between 0°C and 40°C. However, for optimum battery performance, recharge at temperatures between 5°C and 35°C.
- Do not attempt to disassemble or modify the charger.
- Do not insert pins or other metal objects into the charger.
- Do not recharge batteries with the negative ⊖ and positive ⊕ poles reversed.
- Keep the charger dry.

● Before you decide the camera is faulty, check the following once more:

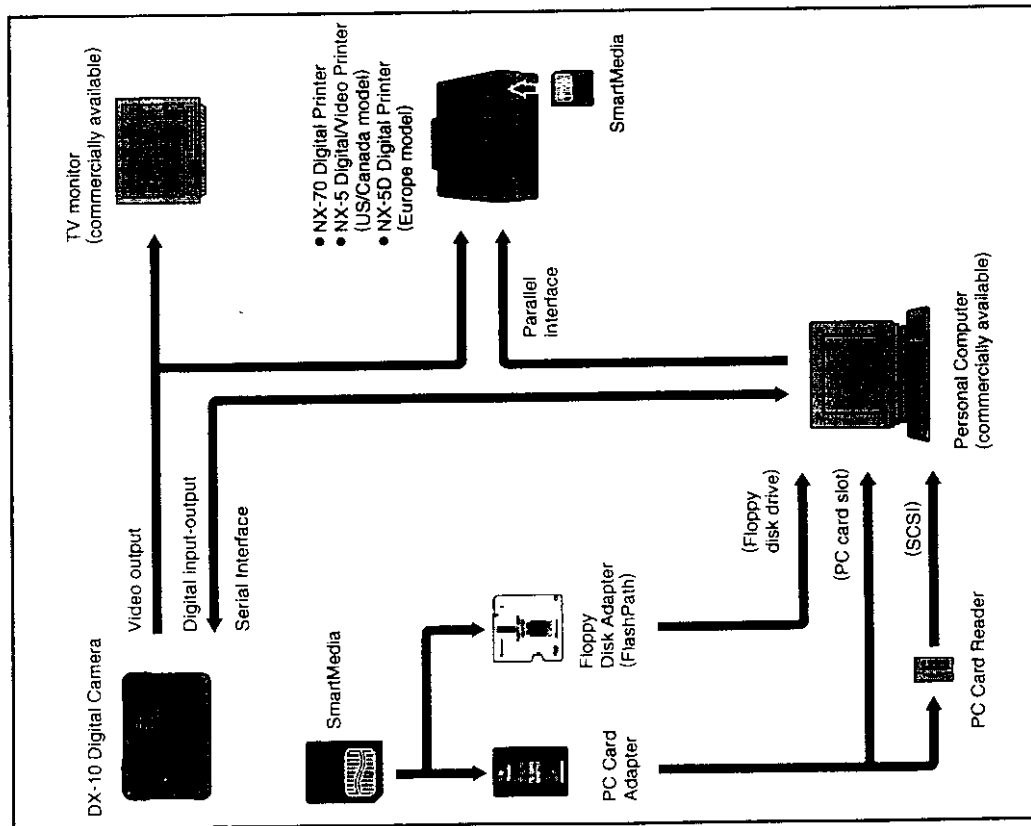
No power.	• The battery is exhausted. • The AC power adapter plug has come out of the power outlet. • The Mode dial is not set correctly. • Load new batteries. • Plug the AC adapter back into the power outlet. • Switch the mode to the correct setting.	• Load new batteries. • Plug the AC adapter back into the power outlet. • Switch the mode to the correct setting.
Power cuts out during operation.	• The battery is exhausted. • You are using the camera in hot conditions and the camera's safety mechanism has been triggered.	• Load new batteries. • Wait until the camera has cooled down and then switch it back on.
Battery runs out quickly.	• You are using the camera in extremely cold conditions. • Manganese batteries are being used. • New and used batteries or batteries of different types are being used together. • The terminals are soiled.	• Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture. • Use AA-size long-life Ni-Cd or alkaline batteries. Alkaline batteries are recommended. (→ P.66) • Replace the batteries with 4 new batteries all of the same type. • Wipe the battery terminals with a clean, dry cloth.
No photograph is taken when the shutter button is pressed.	• No SmartMedia is loaded. • The SmartMedia is loaded the wrong way round or upside down. • All the frames on the SmartMedia contain recorded images. • The SmartMedia is write-protected. • The SmartMedia is not formatted. • The SmartMedia is damaged. • The Auto Power Off function has switched the camera off.	• Load a SmartMedia. • Load the SmartMedia correctly. • Load a new SmartMedia or erase a frame. • Remove the write-protection. • Format the SmartMedia. • Load a new SmartMedia. • Switch the camera on.

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No photograph is taken when the shutter button is pressed.	• The batteries are depleted. • The Mode dial has been moved to another setting. • The flash is set to Suppressed Flash mode. • The focus selector is set to Macro mode.	• Replace the batteries. • Set the Mode dial to the correct setting. • Set the flash to Auto, Red-Eye Reduction or Forced Flash mode. • Set the focus selector to Normal mode, or select Forced Flash mode.
You can't use the flash to take pictures.		• 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. • Move closer to the subject.
The flash will not charge.	• No compatible SmartMedia is loaded. • The camera is set to Suppressed Flash mode. • The battery is exhausted. • The subject is too far away.	• 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. • Move closer to the subject.
The playback image is too dark even though you used the flash.	• Synchro is set to ON in Manual mode.	• Set Synchro to OFF.
The flash still operates even though Suppressed Flash mode is selected.	• The lens is soiled. • The camera was shaken when the picture was taken.	• Clean the lens.
The playback image is blurred.	• The SmartMedia is write-protected. • The frame is protected.	• Remove the write-protection. • Remove the frame protection.
You cannot format the SmartMedia.	• Camera malfunction. • The Mode dial is not set correctly. • The video cable is plugged into the VIDEO OUT socket.	• Remove the batteries, re-insert them and try again. • Switch the Mode dial to the correct setting. • Unplug the video cable.
You cannot erase all the frames.		
Nothing happens when you use the camera buttons and switches.		
No image appears when you press the <DISP> button.		

OTHER

By using the DX-10 together with other optional Fujifilm products, your system can be expanded to fill a wide range of uses.



OTHER

The table below lists the warnings that are displayed on the LCD.

	The camera batteries are low on charge. (For Ni-Cd, this indicates that the Camera will be turned off soon.)
NO CARD	No SmartMedia is loaded, or it is loaded incorrectly.
CARD NOT INITIALIZED	The SmartMedia is not formatted.
CARD ERROR	The SmartMedia is damaged. The SmartMedia format is incorrect. The SmartMedia terminals are soiled.
CARD FULL	All the frames on the SmartMedia contain recorded images.
PROTECTED CARD	The SmartMedia is write-protected.
FRAME ERROR	An attempt was made to playback incorrectly recorded data.
READ ERROR	An attempt was made to playback a frame not recorded on this camera. The SmartMedia was removed during recording, playback, erasing or copying.
FILE LIMIT	The frame number has reached 99-999.
	There is a strong likelihood of camera shake.
PROTECTED FRAME	A protected frame was erased.
LENS COVER	The lens cover is closed.
CAN'T EXECUTE	Special effect functions are not available.

OTHER

System

Model
Pickup Elements
Resolution
File format
Storage media
Number of frames
recorded

Digital camera
1/3-inch CCD square pixel XGA full-pixel read format
1,024 x 768 pixels / 640 x 480 pixels
JPEG-standard (Exif2.1)
SmartMedia (3.3V)

Quality Mode	Compression Ratio	Resolution	2MB (Included)	4MB (MG-4S)	8MB (MG-8S)	16MB (MG-16S)
NORMAL	1/11	1,024 x 768 640 x 480	13 30	26 61	54 123	108 247
FINE	1/5 1/8	1,024 x 768 640 x 480	6 22	13 45	27 91	54 183

Viewfinder
Lens
Focus distance
Exposure control

Sensitivity
White balance
Focal range
Electronic shutter
Flash

LCD monitor
Video output
Self-Timer
Erase modes

Real Galileo type; Frame coverage : 80%
Fujinon fixed-focus F4 / F8
f = 5.5mm (equivalent to 40mm on a 35mm camera)
64 zones TTL metering, AE (exposure compensation available in Manual mode)
Equivalent to ISO 150
Auto-selected (4 modes selectable in Manual mode)
Normal : 0.7m/27.6in to infinity ; Macro : 10cm/3.9in
Variable-speed, 1/4 to 1/5000 sec.
Serial control type flash using a flash control sensor
Effective range : Approx. 0.7m/27.6in to 3.0m/118.1in (at F4 without pre-flash.)
Flash modes : Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash
1.8-inch, D-TFD 70,000 pixels
NTSC (US/Canada model) / PAL (Europe model)
10 sec. timer clock
Single-frame erase; all-frame erase ; SmartMedia initialization

Input/Output Terminals

Video Output
Digital (RS-232C)
DC Input

Mini jack (1), 1 Vpp, 75Ω, unbalanced, synchronized negative
Stereo mini-jack (ø 2.5 mm) (1) for image data input/output
with a personal computer
Socket for specified AC power adapter
(sold separately)

Power Supply and Others

Power supply voltage

4 AA-size long-life (Minimum 1,000 mAh) Ni-Cd or alkaline batteries

Conditions for use

Or specified AC Power Adapter (sold separately)
Temperature : 0°C to +40°C; 80% humidity or less (no condensation)

Camera dimensions
(W/H/D)

110 x 77 x 33 mm / 4.3 x 3.0 x 1.3 in (not including accessories and attachments)

Camera mass (weight)

Approx. 200g / 7.1oz (not including accessories, batteries or SmartMedia)

Accessories

See P.8

Optional Accessories

See P.68

OTHER

* These specifications and performance data are subject to change without notice.
Fuji Photo Film Co. Ltd apologizes for any inconvenience resulting from errors in the information given here.

* The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points may appear on the monitor and white characters (particularly vertical lines) may appear colored. This is normal and does not indicate a fault with the monitor.

OTHER

! Do not use this camera when it is emitting smoke, is unusually hot to the touch, is emitting any unusual odor or noise, or is in any other abnormal state. Use of the camera in any of these situations may cause a fire or electric shock. Stop using the camera immediately, switch the camera off, and then disconnect the power source (batteries or AC power adapter). (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) After checking that smoke is no longer being emitted, contact your Fuji dealer or your local authorized Fuji service facility and request repairs. Never attempt to repair this camera yourself as this is dangerous.	! Unplug from power socket.	! - Do not use the camera if any water has entered the camera. Switch the camera off, and then disconnect the power source (batteries or AC power adapter) (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your Fuji dealer or your local authorized Fuji service facility. Do not continue to use the camera as this may cause a fire or electric shock. - Do not use the camera if any foreign objects have entered the camera. Switch the camera off, and then disconnect the power source (batteries or AC power adapter). (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your Fuji dealer or your local authorized Fuji service facility. Do not continue to use the camera as this may cause a fire or electric shock.
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! If the camera has been dropped or the camera case has been damaged, switch the camera off, and then disconnect the power source (batteries or AC power adapter). (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Then contact your Fuji dealer or your local authorized Fuji service facility. Do not continue to use the camera as this may cause a fire or electric shock.	!	! Do not place the camera in unstable locations such as on a wobbly table or sloping surface where the camera may fall or tip over and cause injury.	! Take care that the camera is not exposed to moisture and that water does not get into the camera. Take particular care when it is raining or snowing or when you are using the camera at the beach or near water. Water in the camera may cause a fire or electric shock.	! Do not insert or drop metallic or inflammable foreign objects into the camera through access points such as the SmartMedia card slot. This may cause a fire or electric shock.	! Do not attempt to modify this camera. This may cause a fire or electric shock.	! Do not remove the camera casing. This may cause an electric shock. Internal inspection, maintenance and repairs should be carried out by your Fuji dealer or local authorized Fuji service facility. Do not disassemble.	! Do not use this camera in the bathroom. This may cause a fire or electric shock. Do not use in wet areas.
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 ● Do not place this camera in a damp or dusty location. This may cause a fire or electric shock.	
● Do not place this camera in a location affected by oil fumes or steam, such as near a cooking stove or humidifier. This may cause a fire or electric shock.	
● Do not leave this camera in places subject to extremely high temperatures, such as in a sealed vehicle or in direct sunlight. Exposure to high temperatures may adversely affect the camera case and internal components and cause a fire.	
● Do not cover or wrap the camera or the AC power adapter with a cloth or quilt. This may cause heat to build up and distort the case or cause a fire. Always use the camera and its accessories in well-ventilated locations.	
● Do not move the camera while it is switched on. (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have switched off the camera.) Then ensure that any connector cords or cables to other devices are disconnected before moving the camera. Failure to do so may damage the cords or cables and cause a fire or electric shock.	
● Take care that the camera is not bumped when it is being moved. This may cause the camera to malfunction.	
● When handling the camera, always unplug it from the power source (batteries or AC power adapter) for safety. (If you are using the AC power adapter, unplug the adapter from the AC power outlet after you have disconnected the camera.) Failure to do so could result in an electric shock.	

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We

Name :

Address :

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

declare that the product

Product Name : DIGITAL CAMERA FUJIFILM DX-10

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 : 1994 + amendement 1 Classe B

EN50082-1 : 1992

EN61000-3-2 : 1995

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



Dusseldorf, Germany

Place

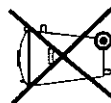
January 1, 1999

Date

Signature/Managing Director

OTHER

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



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