

MINOLTA

Digital Camera

Dimâge-Pic

E Camera Instruction Manual

Thank you for purchasing the Minolta Dimâge-Pic. The Dimâge-Pic is a compact digital camera that uses Flash Memory to store images quickly and easily. The Dimâge-Pic lets you:

- Store as many as 64 images in the camera.
- Frame your scene in a 1.8 inch, color LCD monitor.
- Playback your images on the camera's LCD monitor or your television set.
- Use the built-in flash in Automatic mode, so it fires when necessary.

Digital Camera: Dimâge-Pic



Tested to comply
with FCC standards.

FOR HOME OR OFFICE USE

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.
Tested by the Minolta Corporation
101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Do not remove the ferrite cores from the video and serial cables.

FOR PROPER AND SAFE USE

Read and understand all warnings and cautions before using this product.



- Batteries may become hot or explode due to improper use.
- Use only the batteries specified in this instruction manual.
 - Do not install the batteries with the polarity (+/-) reversed.
 - Do not subject batteries to fire or high temperatures.
 - Do not attempt to recharge, short, or disassemble.
 - Do not mix batteries of different types, brands, or ages.

Use caution, accidents may occur when using this product near young children.

Keep batteries or things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

- Immediately remove the batteries and discontinue use if...
- the camera is dropped or subjected to an impact in which the interior is exposed.
 - the product emits a strange smell, heat, or smoke.

Do not walk while looking at the monitor.

Do not disassemble. Electric shock may occur if a high voltage circuit inside the camera is touched.

Take your camera to a Minolta Service Facility when repairs are required.

INTRODUCTION

Check the packing list before you begin. If some parts are missing, contact your camera dealer or a Minolta Service Facility.

- Dimâge-Pic Digital Camera
- Video Cable VC-P1
- Camera Case CC-P1
- Warranty/Product & Software Registration Card
- Dimâge-Pic Image Control Software CD-ROM
- Serial Cable SC-P1W for Windows
- Serial Cable SC-P1M for Macintosh
- Hand Strap HS-P1

Please take the time to read through this instruction manual, for it contains information that is important for the proper and safe use and care of your camera.

This manual contains information regarding products introduced before September, 1997. To obtain compatibility information for products released after this date, contact a Minolta Service Facility listed on the back cover of this manual.

Data saved in flash memory in the camera may be irrecoverably lost or damaged for unexpected reasons (static electricity, electric noise, a camera error, or other malfunctions). Back-up the data recorded in the camera. To transfer the images to your computer, see the appropriate software instruction manual.

Minolta is not responsible if data stored in the camera is irretrievably lost or damaged.

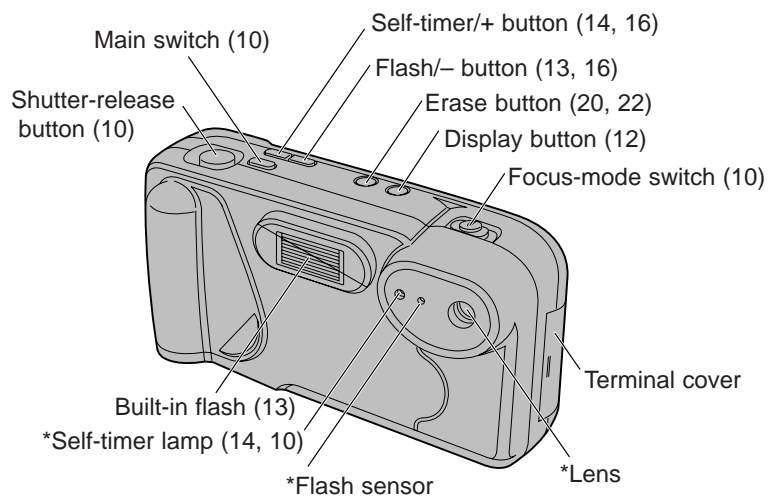
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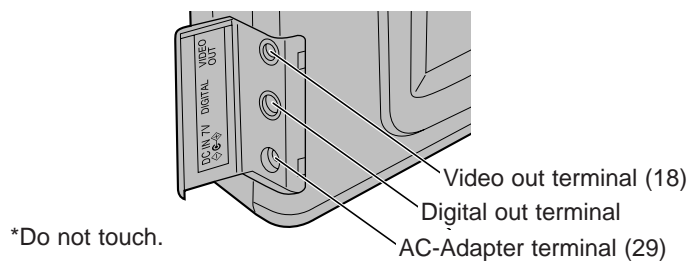
NAMES OF PARTS

For information on specific parts, refer to the page numbers shown in parenthesis.

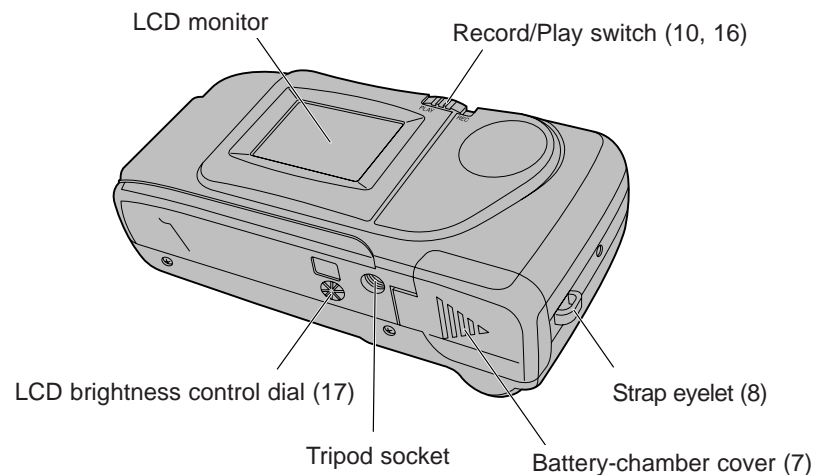
BODY - FRONT



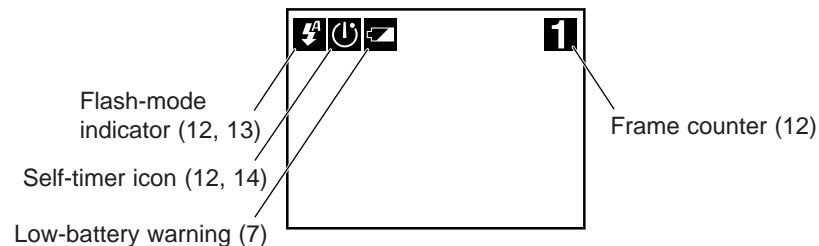
INSIDE TERMINAL COVER



BODY - BACK



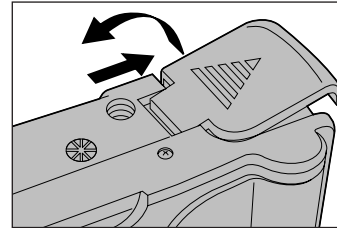
LCD MONITOR DISPLAY



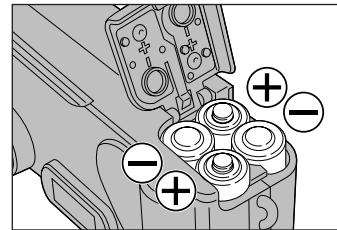
BEFORE RECORDING

INSERTING THE BATTERIES

This camera requires 4 AA alkaline or Ni-Cd batteries.



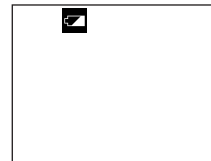
1. Push and slide the battery-chamber cover in the direction indicated.





2. Insert the batteries as indicated in the diagram.

- There are also indicators inside the battery-chamber cover.

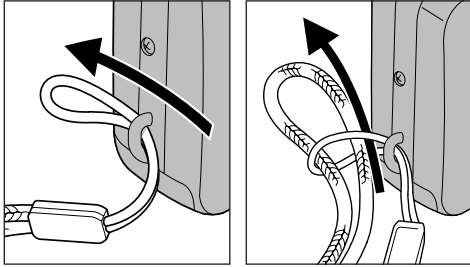
3. Close the battery-chamber cover.



When battery power is low,  will appear in the LCD monitor. Replace all 4 batteries or use the Minolta AC Adapter A15D2 (sold separately).

 To save power, the camera shuts off automatically if it is not used for 2 minutes. To restart the camera, press the main switch to turn the camera on.

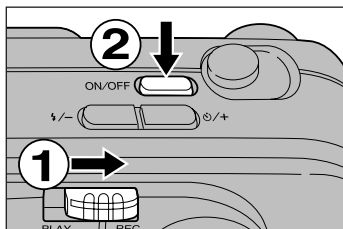
ATTACHING THE HAND STRAP



1. Insert the smaller strap loop through the strap eyelet.
2. Thread the other end of the strap through the small loop.

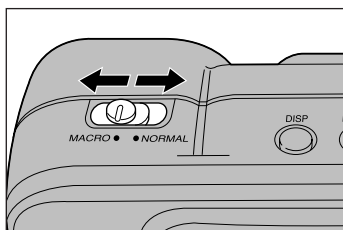
RECORDING
IMAGES

BASIC RECORDING



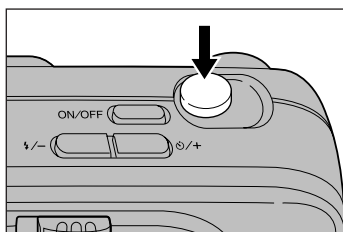
1. Slide the record/play switch to REC.

2. Press the main switch to turn the camera on.




3. Slide the focus-mode switch to MACRO or NORMAL.

- Normal: The focus range is approximately 16 inches to infinity (40cm - ∞).
- Macro: The focus range is approximately 6 to 12 inches (15 - 30cm).



4. Frame the image in the LCD monitor, then press the shutter-release button.

- The LED on the front of the camera will glow as the shutter is released.
- When the flash is in automatic mode , the flash fires when necessary (p 13).

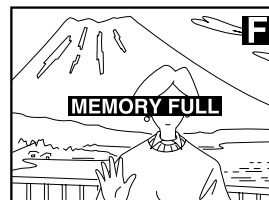


PROCESSING will appear in the LCD monitor while the recorded image is being written to memory.

Another picture cannot be taken while PROCESSING appears on the monitor.

While PROCESSING appears on the monitor:

- Do not open the battery chamber cover.
- Do not unplug the AC adapter or disconnect it from the camera.



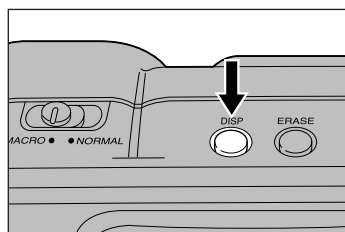
Your camera can store up to 64 images. When the camera is full, MEMORY FULL will appear on the LCD monitor when the shutter-release button is pressed. If Display Data is on, F will appear in the frame counter area.

To reclaim storage space:

- Delete unwanted images (p 20).
- Download images to your computer (see software manual), then erase all the images on the camera (p 22).
- Erase all the images on the camera (p 22).

CHANGING THE DISPLAY

In record mode, select whether the flash icon and frame counter are displayed in the LCD monitor.



Press the display button to turn the data on and off.

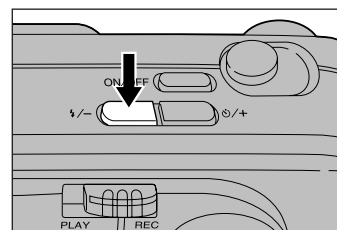


Display Data On
Flash mode and number of the frame about to be taken are displayed.

Display Data Off
(The frame counter is displayed when PROCESSING appears.)

- The low battery symbol and self-timer indicator appear regardless of Display Data status.
- In play mode, Display Data determines whether or not the frame number is displayed (pp 16-17).

USING THE FLASH



Press the flash button until the desired flash mode appears in the LCD monitor.




Auto Flash
The flash will fire in low-light situations. Use this mode for general photographic situations.



Manual Fill Flash
The flash will fire every time the shutter-release button is pressed.



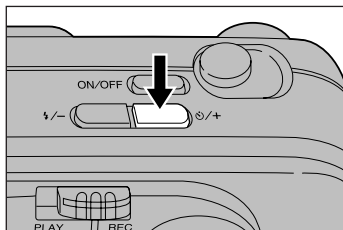
Flash Cancel
The flash will not fire. Use this mode when flash use is prohibited.

- Each time the camera is turned on, the flash will be reset to .
- The camera is color-balanced for daylight exposures. To avoid unnatural color casts, use manual fill flash when shooting under fluorescent or incandescent lights.
- If Display Data is off, press the display button to view the current flash mode.


Make sure your subject is within the flash range of 0.4 - 2.5m (1.3 - 8.2 ft.).

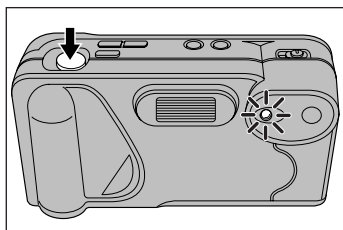
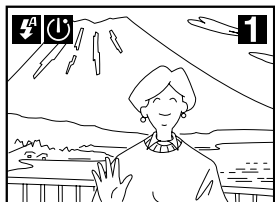
SELF-TIMER

The self-timer delays the release of the shutter for approximately 10 seconds after the shutter-release button is pressed.



1. Secure the camera on a tripod, then press the self-timer button.

-  will appear in the LCD monitor.



2. Frame the image in the LCD monitor, then press the shutter-release button.

- The self-timer lamp on the front of the camera will glow. The lamp will begin blinking approximately 3 seconds before the picture is taken.

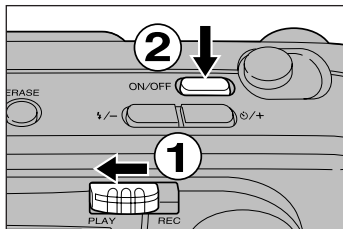
- Self-timer is automatically cancelled after the photograph is taken.

⚡ To cancel the self-timer function, press the self-timer button again or turn the camera off.



PLAYBACK ON THE CAMERA

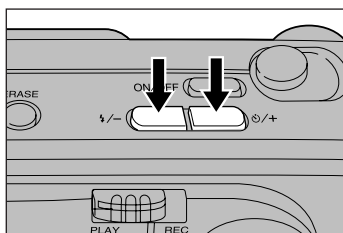
Display the recorded images on the camera's LCD monitor.



1. Slide the record/play switch to **PLAY**.

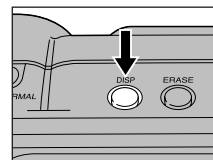
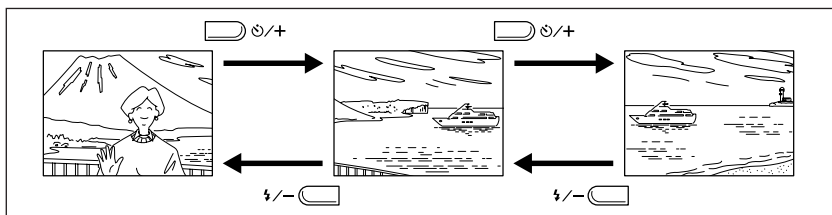
2. Press the main switch to turn the camera on.

- The last image recorded will appear.



3. Use the + or – button to scroll through the images.

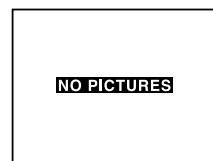
- The + button goes to the next frame. The – button goes to the previous frame.
- Press and hold the button for 2 seconds to begin a continuous scroll. Press either button again to stop scrolling.



The frame number will appear in the upper-right corner if Display Data is on. Press the display button to turn Display Data on and off.



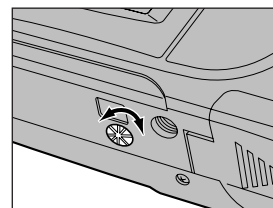
PROCESSING appears while the image comes into view.



If there are no images stored in the camera, NO PICTURES will appear on the LCD monitor when the camera is in play mode.

ADJUSTING LCD MONITOR BRIGHTNESS

The LCD monitor brightness can be adjusted to compensate for varying lighting conditions and viewing angles.



Turn the LCD brightness-control dial until the desired brightness level is reached.

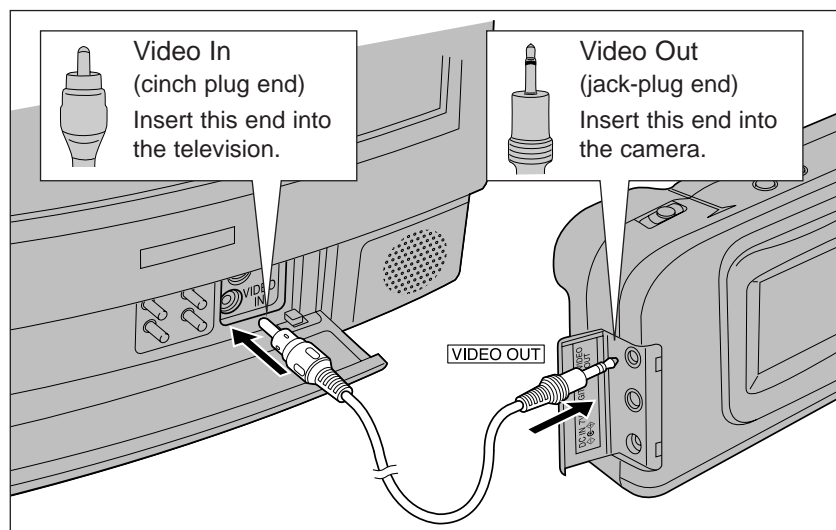
- Adjusting the monitor brightness does not affect exposure or the image data in the camera.

PLAYBACK ON THE TELEVISION

Display the images stored in the camera on a television set.

- Only television sets with a VIDEO IN terminal can be used.

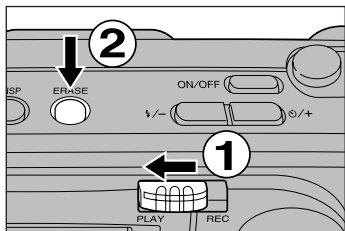
1. Turn off the television and the camera.
2. Insert the video out jack-plug of the video cable into the VIDEO OUT terminal on the camera. Insert the video in cinch plug into the VIDEO IN terminal on the television.



3. Turn the camera and television on, then set the TV channel to that used for video input (check the user's manual that accompanied your television set).
4. The procedure for viewing images on the TV is the same as for viewing images on the camera's monitor.

ERASING A SINGLE IMAGE

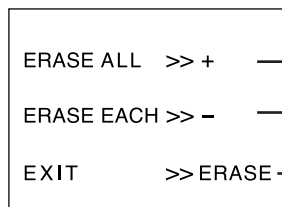
Delete one selected image at a time.



1. Slide the record/play switch to PLAY, then turn the camera on.

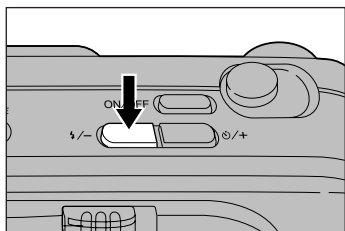
2. Press the Erase button.

- The Erase Options screen will appear.



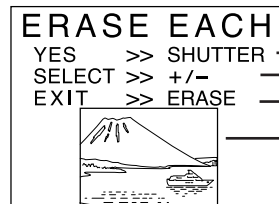
Erase Options

- ERASE ALL >> + — Delete all the images from the camera.
- ERASE EACH >> - — Delete one selected image at a time.
- EXIT >> ERASE — Escape the function by pressing Erase.



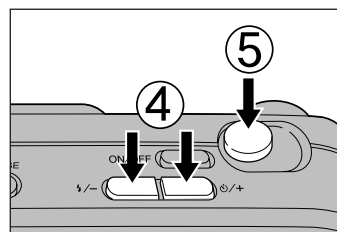
3. Press the – button.

- The Erase Each screen will appear.



Erase Each Options

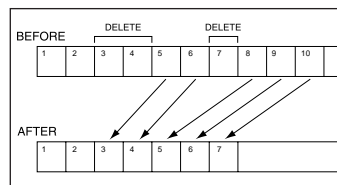
- YES >> SHUTTER — Erase the selected image.
- SELECT >> +/- — Scroll through images to select one.
- EXIT >> ERASE — Escape the function by pressing Erase.
- Selected image to be erased.



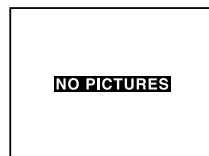
4. Press the – or + button to select an image.

5. Press the shutter-release button to erase the selected image.

- Repeat steps 4 and 5 to erase more images.
- Press the erase button to exit the function when you are finished.



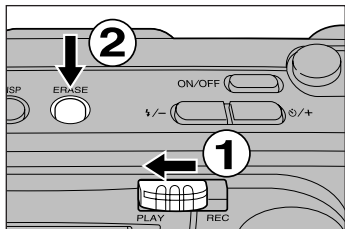
When images are erased, there will be changes in the frame counter. The remaining images shift positions after an image is erased and the frame counter changes accordingly.



If all the images have been erased, the camera will automatically exit the erase function and NO PICTURES will appear in the LCD monitor.

ERASING ALL THE IMAGES

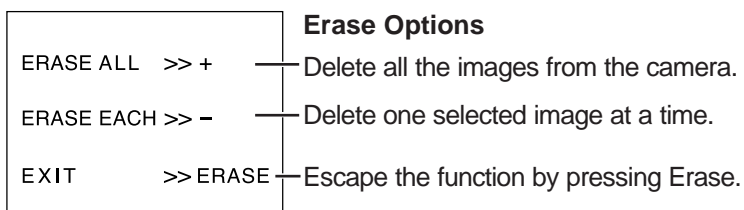
Erase all the images stored in the camera.



1. Slide the record/play switch to PLAY, then turn the camera on.

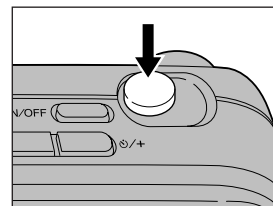
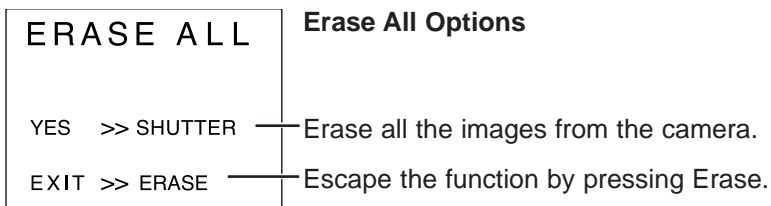
2. Press the Erase button.

- The Erase Options screen will appear.

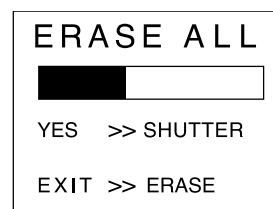


3. Press the + button.

- The Erase All screen will appear.



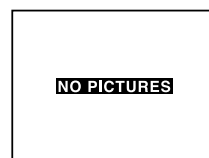
4. Press the shutter-release button.



- A bar graph will appear while the images are being erased.

While the bar graph appears on the monitor:

- Do not open the battery chamber cover.
- Do not unplug the AC Adapter or disconnect it from the camera.



When all the images have been erased, the camera will automatically exit the erase function and NO PICTURES will appear in the LCD monitor.

HANDLING PRECAUTIONS

OPERATING TEMPERATURES AND CONDITIONS

- This camera has been designed for use from 5°C to 40°C (41° to 104°F).
- Never leave the camera where it may be subjected to extreme temperatures, such as the glove compartment of a car.
- Do not subject the camera to extreme humidity.
- To prevent condensation from forming, place the camera in a sealed, plastic bag when bringing it from the cold exterior to a warm building. Allow it to come to room temperature before removing it from the bag.
- Battery performance decreases with lower operating temperatures. When photographing in cold weather, it is recommended that you keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their charge when they warm up.
- Occasionally, when using alkaline batteries the low-battery symbol may appear even if there is enough charge. Continue to use the camera. The low-battery symbol will disappear.

HANDLING CARE

The Dimâge-Pic is neither waterproof nor splashproof.

- Inserting/removing batteries with wet hands may damage the camera.
- Take care when using the camera at the beach or near water. Costly or irreparable damage may occur.

LCD MONITOR CARE

- The LCD monitor is a precision device with a pixel efficiency of 99.98%. Less than 0.02% of the pixels are dysfunctional.
- Do not apply pressure on the surface of the LCD monitor. Permanent damage may occur.
- In low temperatures, the LCD monitor will temporarily darken. When the camera warms-up, normal display will be restored.
- If the + or – buttons are pressed rapidly during playback, images may appear to overlap. This is normal and the image data is not changed.
- If the LCD monitor surface is dirty, first blow away dust or sand, then gently wipe it with a soft, clean, dry cloth.
- If the LCD display blinks continuously or no longer works at all, it is time to replace the monitor. Take the camera to your dealer or a Minolta Service Facility listed on the back cover of this manual.

CARE AND STORAGE

CLEANING

- If the camera or lens is dirty, gently wipe it with a soft, clean, dry cloth. If the camera or lens comes in contact with sand, gently blow away loose particles, wiping may scratch the surface.
- To clean the lens surface, first brush away any dust or blow away sand, then, if necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the lens.
- Never use organic solvents to clean the camera.
- Never touch the lens surface with your fingers.

STORAGE

- Remove the batteries from the camera when not in use for an extended period. Damage may result if battery leakage occurs.
- Store in a cool, dry, and well-ventilated area away from dust and chemicals (such as mothballs). For very long periods, place the camera in an airtight container with a silica gel drying agent.
- Before using after prolonged storage, check the camera's operation to make sure it is functioning properly.

BEFORE IMPORTANT EVENTS

- Always check the camera's operation carefully or take test photographs.
- Minolta is not responsible for damages incurred by equipment malfunction.

QUESTIONS AND SERVICE

- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, please contact a Minolta Service Facility for details.

TECHNICAL DETAILS

Camera:	Compact digital camera with built-in flash
Image Sensor:	1/4 inch CCD, 270,000 pixels (250,000 effective) Output: 480 x 240 pixels; converted to 320 x 240 pixels or 480 x 360 pixels with software.
Recording:	Recording Media: Built-in 2MB flash memory Compression: JPEG Storage Capacity: 64 images
Lens:	Focal Length: 5mm (approx. 52mm in 35mm format) Aperture: f/5.6 Focus Range: 0.4m - ∞ Macro: 15cm - 30cm Focusing: Fixed focus
Exposure:	Control: Auto-exposure with CCD variable charge time electronic shutter Sensitivity: ISO 200 or equivalent Shutter Speed: 1/8 - 1/2000 second
Flash:	Guide Number: 11 or equivalent (ISO 200) Flash Range: 0.4 - 2.5m Flash Modes: Auto-flash, flash cancel, manual fill flash.
Finder/monitor:	1.8" color LCD (Liquid Crystal Display)
White Balance:	Fixed (5500 K color temperature)
Self-timer:	Approx. 10 second delay of shutter release
Interface:	Digital In/Out: serial, 3 position mini-plug Video Out (NTSC): Mini plug
Power Source:	AA alkaline batteries x 4 or AA-size Ni-Cd batteries x 4 or Minolta AC Adapter A15D2 (sold separately)
Size:	137 x 69 x 48mm (5.39" x 2.72" x 1.89")
Weight:	245g (8.6 oz) without batteries

FOR OWNERS OF THE AC ADAPTER

The Minolta AC Adapter A15D2 (sold separately) allows the camera to receive power from an electrical outlet. Use of the AC adapter is recommended to conserve batteries when shooting or transferring images to the PC.

Please read and understand all warnings and cautions before using this product.

FOR PROPER AND SAFE USE OF THE AC ADAPTER

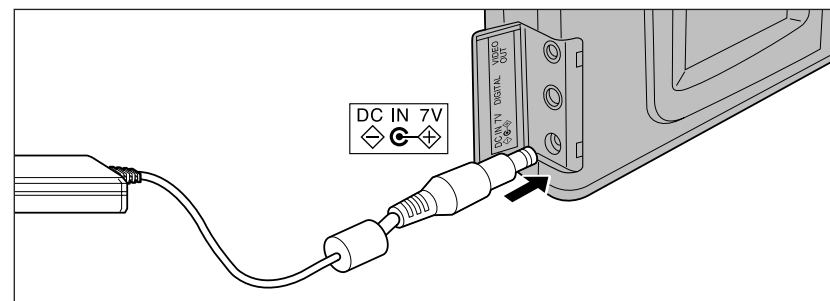
WARNING

To avoid fire or electric shock:

- Only use the voltage specified for this unit.
- Do not expose this unit to liquids.
- Do not touch the cord or plug with wet hands.
- Insert the plug securely into an electrical outlet.
- Do not pull on the cord. Grasp the plug when removing from an outlet.
- Do not scratch, twist, modify, heat, or place a heavy object on the cord.
- Do not connect the ground to a gas pipe, telephone ground, or water pipe. Improper grounding can result in electric shock.

CONNECTING THE AC ADAPTER

1. Turn the camera off.
2. Attach the Minolta AC Adapter A15D2 to the AC adapter terminal on the camera, then plug the adapter into a grounded electrical outlet.



- Do not use AC adapters other than the Minolta AC Adapter A15D2. Use of other adapters may cause damage. Damage caused by adapters other than the Minolta AC Adapter A15D2 is not covered by the warranty.

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Minochia GmbH

Minochia France S.A.

Minochia (UK) Limited

Minochia Austria Ges. m.b.H.

Minochia Carnera Benelux B.V.

Belgium Branch

Minochia (Schweiz) AG

Minochia Svenska AB

Finland Branch

Minochia Portugal Limitada

Minochia Hong Kong Limited

Minochia Singapore (Pte) Ltd.

Kurt-Fischer-Strasse 50, D-229223 Ahrensburg, Germany

365 Route de Saint-Germain, F-78420 Carrières-Sur-Seine, France

Rooksley Park, Precedent Drive, Rooksley, Milton Keynes, MK13 8HF, England

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