

QuickStart Guide

D-390 / C-150

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OLYMPUS

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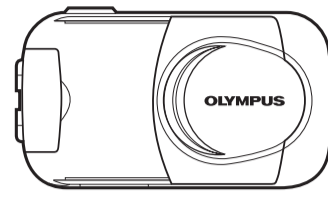
START HERE

It is strongly recommended that you follow these step-by-step numbered instructions to set up and quickly begin using your new Digital Camera.

For more detailed instructions on advanced features, please refer to the printed Basic Manual included in your package, or the Reference Manual on the CD-ROM.

1 UNPACKING THE BOX CONTENTS

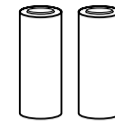
Gather your digital camera and the parts as shown in the illustration. You'll need these to complete the steps for the camera set-up procedures that follow.



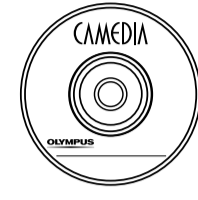
Digital camera



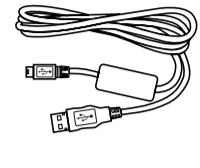
Strap



AA (R6) alkaline
batteries (x2)



CAMEDIA
Master CD-ROM



USB cable
(grey color)



xD-Picture Card

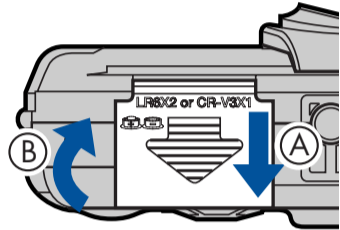
The following items are also included in this package: Basic Manual, video cable, warranty card, registration card (not provided in some areas), and safety precautions booklet.

2 PREPARE THE CAMERA FOR USE

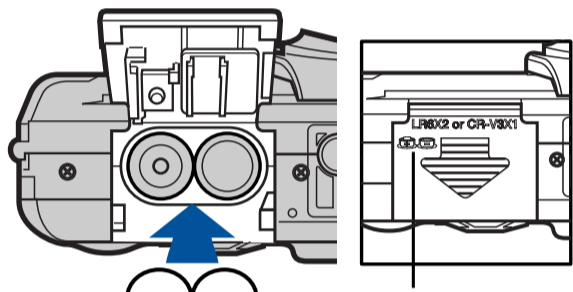
Before you begin using your Olympus digital camera...

a. Loading batteries

- Slide the battery compartment cover in the direction of (A) (the direction indicated by the mark on the cover), and lift it up in the direction of (B).



- Insert batteries in the direction shown in the illustration.



There is a mark on the bottom of the camera showing the correct way to insert batteries.

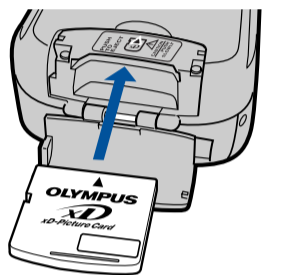
- Close the battery compartment cover so that it pushes the batteries down inside. While pressing the mark, slide the cover in the opposite direction of .

TIP: An optional Olympus E-7AC AC adapter is available, and is recommended when downloading images to ensure a consistent power supply. **See the Basic Manual for more information.**

b. Insert the xD-Picture Card

The xD-Picture Card is where the camera stores your pictures and is available in a variety of memory capacities. The pictures you take with the camera remain on the xD-Picture Card even when the camera is turned off and/or the batteries are removed.

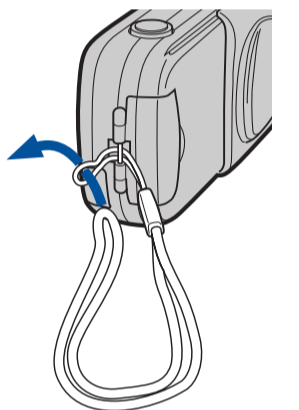
- Insert the xD-Picture Card into the spring-loaded card slot as shown in the illustration. Push the card fully into the slot. The card will lock into place when fully inserted.
- To remove, push down on the xD-Picture Card. The card will pop up. Pull to remove.
- Close the card cover.



Confirm you have installed the batteries and xD-Picture Card properly by pressing . The "No Picture" message should be displayed in the monitor. Turn the camera off by pressing again.

c. Attach the strap (OPTIONAL)

Attach the strap as illustrated to make the camera easier to handle.

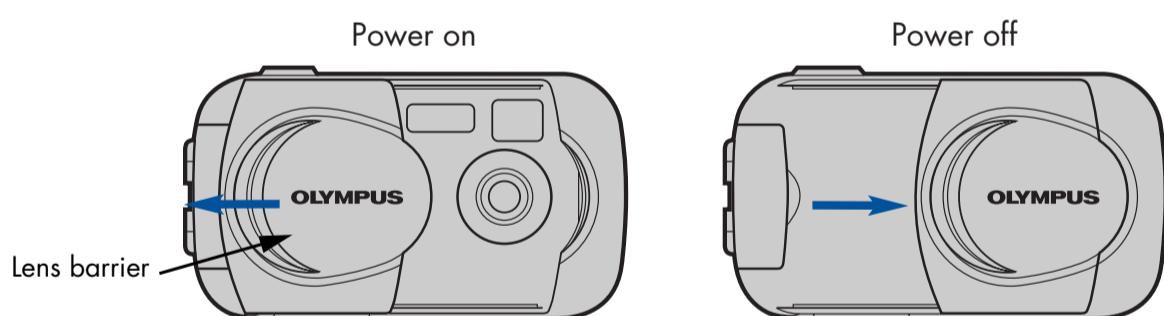


3 TURNING ON THE CAMERA

All you need to do is slide the lens barrier open or closed to turn the camera ON or OFF.

a. Turn the camera ON (SHOOTING MODE)

- Open the lens barrier.
- Close the lens barrier to turn the camera off.



TIP: To maximize battery life, this digital camera features a power saving mode in which the camera enters a sleep mode after approximately three (3) minutes of non-use. Press the shutter button to wake up the camera.

b. Set the Date and Time (OPTIONAL)

Although this is not required, it is recommended that you set the date and time. This affects the way image file names are created, and will conveniently include this information with each picture. The date and time can also be set when the camera is in the playback mode.

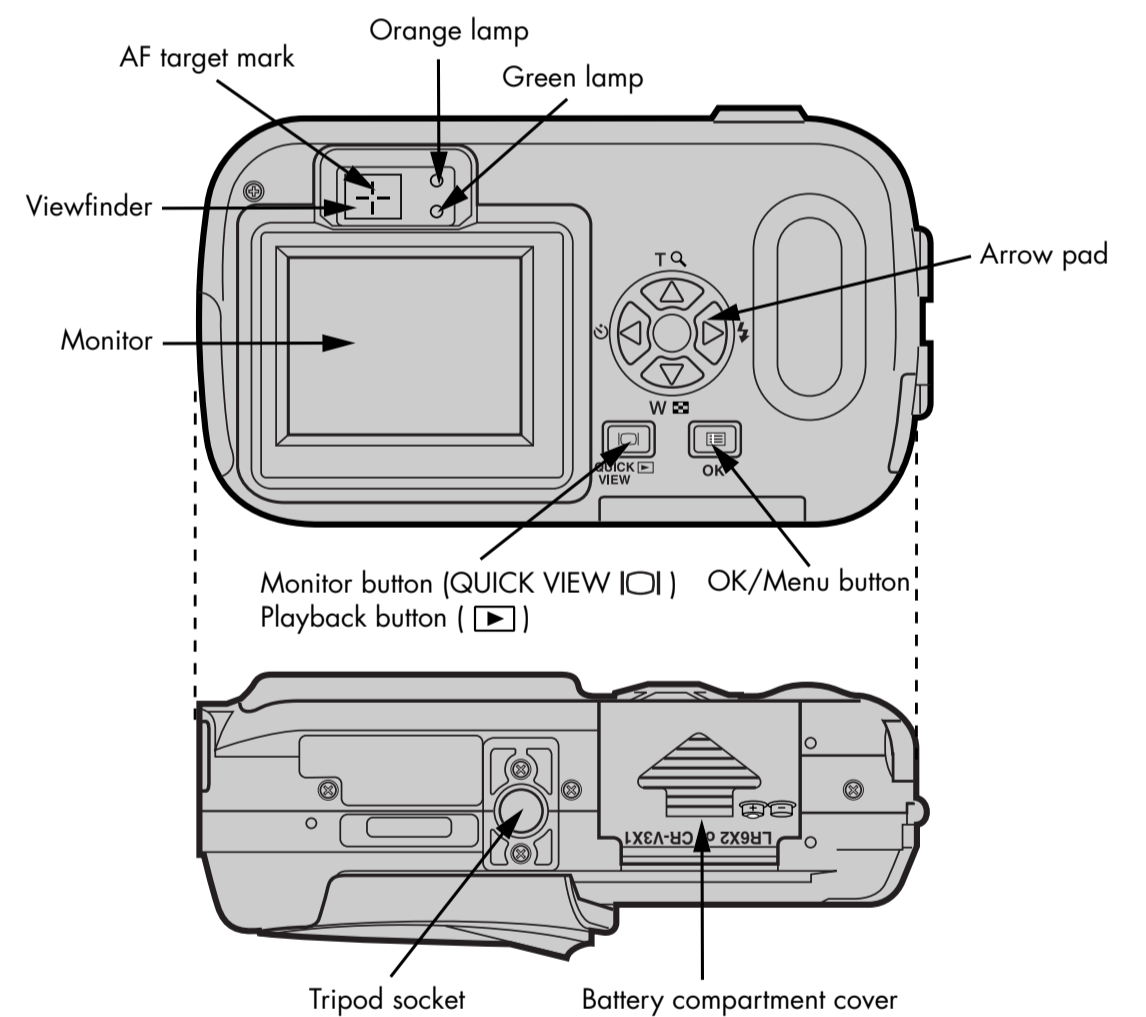
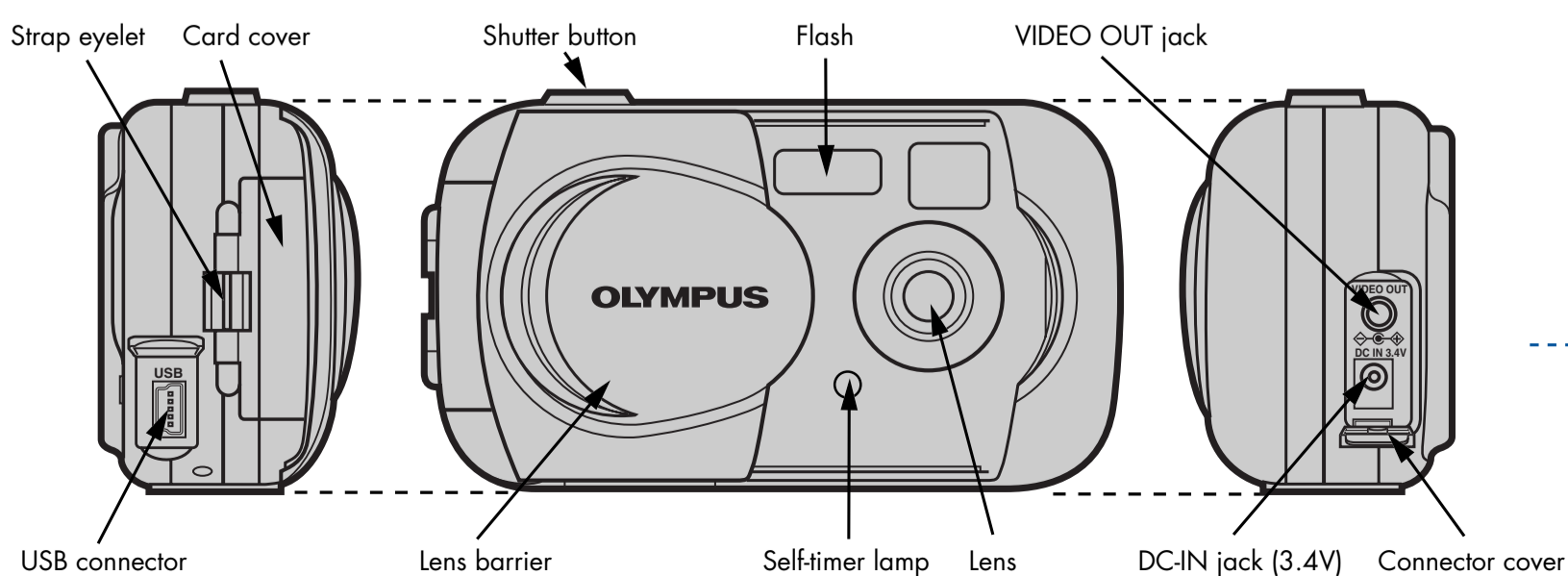
- Open the lens barrier fully until it clicks.
- Press to display the menu.
- Press to select MODE MENU.
- Press three times to select SETUP.
- Press once, and then twice to highlight , and then press once.
- Use and to select the date format.
- Adjust the date and time in the appropriate fields by using to select the field, and to set the proper value. Repeat this step until all date/time fields have been set.

Note: Time is entered using the 24-hour format.

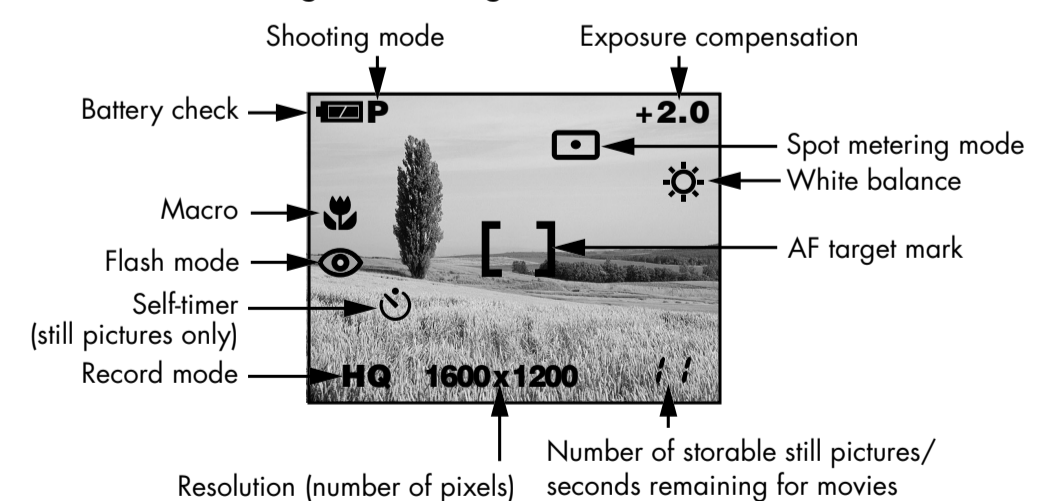
- Press twice to set the date and time and exit the menu.

c. Camera Diagram and Controls

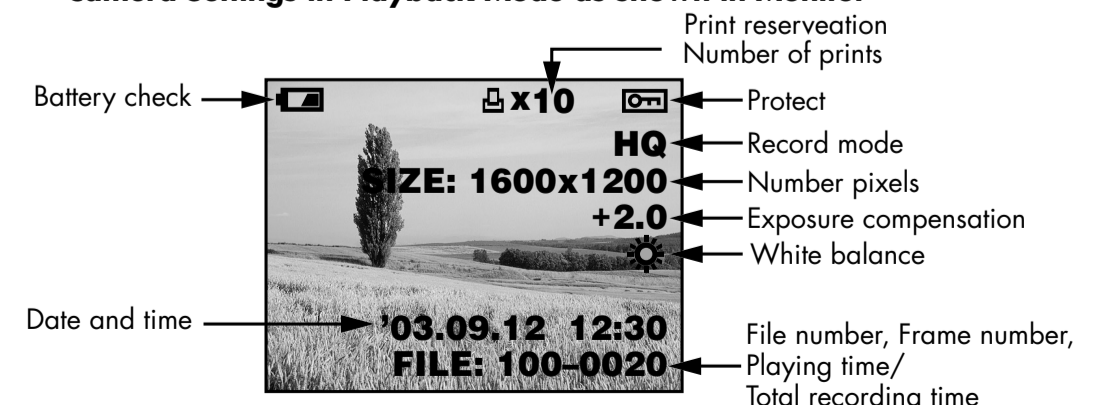
Now take a moment to familiarize yourself with the key areas of camera controls by reviewing the illustrations.



Camera Settings in Shooting Mode as shown in Monitor



Camera Settings in Playback Mode as shown in Monitor



Note:

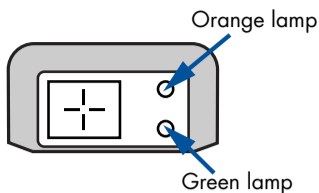
- Depending on the camera settings, not all indicators will be displayed.

4 TAKING PICTURES

There are two ways to compose your subject: with the viewfinder or using the monitor. Depending upon the shooting situation, there may be advantages to each method. Please refer to the printed Basic Manual for more information.

a. Taking a Picture with the Viewfinder

- Open the lens barrier fully.
- Frame your subjects using the AF target mark in the viewfinder.
- Press the shutter button halfway.



The digital camera confirms the focus and exposure are properly set when the green lamp in the viewfinder lights steadily. The orange lamp informs you that the flash is recommended and/or recharging (when blinking); or ready to fire (when steady).

- Press the shutter button completely to take the picture. A short beep confirms your picture has been taken.

b. Taking a Picture with the Monitor

- Open the lens barrier fully.
- Press **Q** and then frame your subject using the full-color monitor.



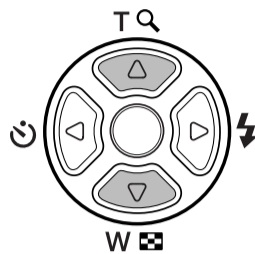
Icons representing camera settings appear on the monitor, telling you important information such as the Flash and record modes, battery life, and the number of frames remaining.

- Press the shutter button halfway. The green lamp will light steadily when the focus and exposure are set.
- Press the shutter button completely to take the picture. A short beep confirms your picture has been taken.

c. Zooming

You can enlarge your subject when shooting by 1.3, 1.6, 2.0 or 2.5 times.

Each time you press **Z**, the zoom magnification changes in the following sequence:
1.3 times → 1.6 times → 2.0 times → 2.5 times.



Each time you press **Z**, the zoom magnification changes in the following sequence:
2.5 times → 2.0 times → 1.6 times → 1.3 times.

- The zoom magnification changes continuously while holding down **TQ** or **WZ**.

d. Flash Modes

This digital camera features multiple flash modes.

Icon	Flash Mode	Description
No icon	Auto-flash	The camera automatically decides if the flash is needed.
	Red-eye Reduction Flash	Reduces incidence of red-eye by emitting pre-flashes to shrink pupil size before firing the main flash. The strobe effect is normal operation for this mode.
	Fill-in Flash	The flash always fires with every picture.
	Flash Off	Turns the flash off for times when flash photography is prohibited or not desired. The flash never fires.

Press **F** to cycle through the available flash modes. With the shutter button depressed halfway, the flash is ready to fire when the orange lamp next to the viewfinder lights steadily. When the orange lamp is blinking, the flash is charging.

e. Number of Storable Pictures

Your digital camera can handle xD-Picture Card from 16 MB to 256 MB. The number of storable pictures depends on the image quality selected.

See the Reference Manual for complete descriptions of each record mode and the storable frame capacity for the various resolution modes and xD-Picture Card capacities.

TIP: To find out how many frames you have left, turn on the monitor and look for the number in the lower right corner. Remember, you can always delete unwanted pictures to make room for more. (See Step 5.)

5 VIEWING AND ERASING PICTURES

With this digital camera, you can easily view the photos you want—and delete the ones you don't.

a. Viewing Pictures

There are two ways to access the Playback mode:

- If the camera is OFF and the lens barrier closed, press **P** once.
- OR**
- If the camera is in the shooting mode with the lens barrier fully open, press **Q** twice in rapid succession (Quick View).

The last picture taken appears in the monitor. Use **Left** and **Right** to scroll through all the images saved on your xD-Picture Card.

When you are finished reviewing your pictures:

- Press **Power** to turn the camera off.
- OR**
- To return back to the shooting mode, press the shutter button halfway.

b. Erasing Pictures

The beauty of digital photography is your ability to keep the photos you want, delete the rest, and reuse empty memory space to take new pictures. This digital camera offers two ways to permanently erase unwanted digital photos:

Single-Frame Erase: Deletes only the picture currently displayed in the monitor.

! Once erased, pictures cannot be restored.

- With the lens barrier closed, press **P** and use the arrow pad to display the picture you want to erase.
- Press **OK**. Press **Left** to select **ERASE**.
- Press **Right** to select YES, and then press **OK**.

TIP: Images can also be erased while in the "Quick View" mode described in step 5A. This makes it easy to quickly erase a picture that you just took.

All-Frame Erase: Deletes all pictures on the xD-Picture Card in one operation, except for pictures you have protected.

! Once erased, pictures cannot be restored.

- With the lens barrier closed, press **P**.
- Press **OK**, then press **Left** to select MODE MENU.
- Use **Left** and **Right** to select the CARD tab, then press **Left** twice to access the CARD SETUP screen.
- ALL ERASE should be highlighted. Press **OK**.
- As a safeguard, this digital camera will ask you to select YES or NO to confirm erasing, as this process permanently deletes all unprotected pictures. Select YES and press **OK**.

6 CONNECTING THE CAMERA TO A COMPUTER

TIP: Olympus recommends using the optional E-7AC AC adapter to ensure a consistent power supply when downloading images.

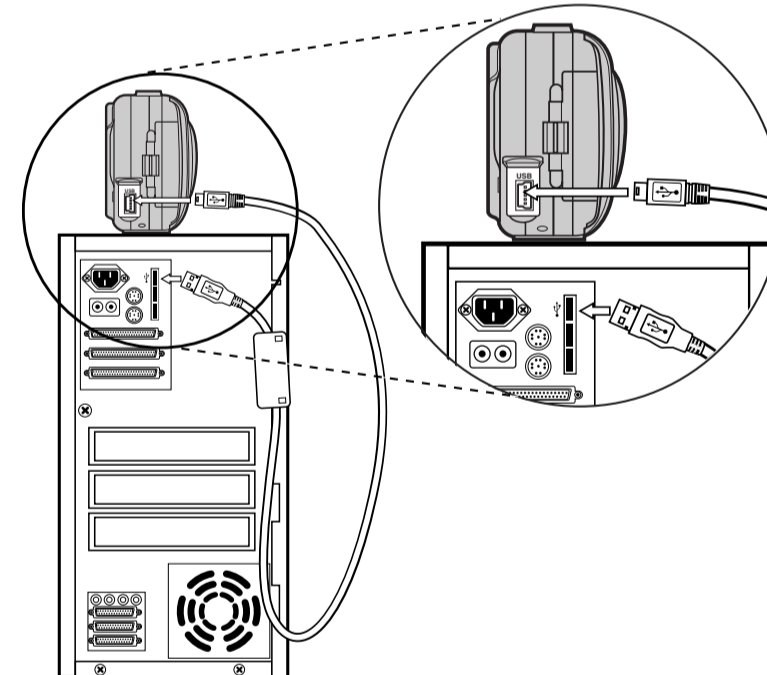
! Make sure that the camera is turned off before connecting it to your computer.

Olympus makes it simple to connect this digital camera to your computer.

- Turn the camera off.
- Plug the supplied USB cable into the ports on your camera and computer as illustrated at right.

! Windows 98 users must install the "USB Driver for Windows 98" software before connecting this digital camera to the computer. Refer to the Software Installation Guide for complete information.

- Press the **Power** button if the camera does not turn on automatically. The camera starts communicating with the PC.



7 INSTALLING THE CAMERA SOFTWARE

You've now mastered the basic functionality of your new Olympus digital camera! You are now ready to begin exploring the possibilities that digital photography brings to your computer. Activities such as photo editing, printing, and much more are only steps away!

About the Olympus CAMEDIA Master CD-ROM

Your Olympus digital camera comes bundled with a suite of software and documentation. The CD includes:

- **CAMEDIA Master** : To download pictures from the camera, view, organize, retouch, and print your digital photos and movies.
- **USB Driver for Windows 98**: This utility must be installed to allow the camera to communicate with your computer if it uses the Microsoft Windows 98 operating system.
- **Olympus Digital Camera Reference Manual**: A complete reference guide in digital form, saved on the CD in PDF format.

You are now ready to install the computer software.

- Open the CAMEDIA Master CD-ROM package and locate the Software Installation Guide in the language you wish to use.
- Continue to follow the step-by-step instructions for installing the software, and enjoy your new digital photo processing capabilities!



Additional Camera Features

This digital camera offers a host of advanced features to expand your creativity. Here's just a small sampling. See the Basic Manual for details on these capabilities, and more!

- **4 Scene Program Shooting Modes:** This camera has 4 shooting modes to choose from depending on the shooting conditions and the effect you want to achieve.
- **Macro Mode:** For close-ups as tight as 8 inches, select Macro Mode.
- **Movie Mode:** Yes, this digital camera records movies! (Movie Mode does not record sound.)
- **Two-in-one Pictures:** Combine two separate images taken in succession and store them as a single picture.
- **Close-up Playback:** Enlarge the pictures in the monitor to check details of the selected image.
- **Index Display:** View several thumbnail pictures on the monitor at once.
- **Protecting Pictures:** Prevents you from accidentally erasing photos.
- **Video Playback:** View your pictures and movies on a television monitor.
- **Panorama Shooting:** Connect overlapping images into a single picture using the panorama mode and Olympus CAMEDIA Master software.

TIP: Remember to complete and return your Registration Card, and keep all camera documentation handy.

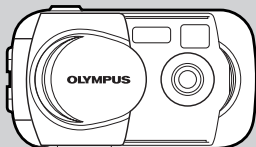
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Monday - Friday

OLYMPUS DIGITAL CAMERA
CAMEDIA APPAREIL PHOTO NUMÉRIQUE
DIGITALKAMERA
CÁMARA DIGITAL

D-390/C-150

BASIC MANUAL
MANUEL DE BASE
EINFACHE ANLEITUNG
MANUAL BÁSICO



ENGLISH

FRANÇAIS

DEUTSCH

ESPAÑOL

-
- Before using your camera, read this manual carefully to ensure correct use.
 - We recommend that you take test shots to get accustomed to your camera before taking important photographs.
 - In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.
 - For more details on connecting the camera to a PC and installing the provided software, refer to the "Software Installation Guide" (included in the CD-ROM package).

-
- Avant d'utiliser votre appareil photo, veuillez lire attentivement ce mode d'emploi, de manière à obtenir les meilleurs résultats possibles.
 - Avant d'effectuer des prises de vues importantes, nous vous conseillons par ailleurs de faire quelques essais afin de vous familiariser avec le maniement de l'appareil photo.
 - Dans l'intérêt d'améliorer continuellement les produits, Olympus se réserve le droit d'actualiser ou de modifier les informations contenues dans ce manuel.
 - Pour plus de détails sur le raccordement de l'appareil photo à un ordinateur personnel et sur l'installation du logiciel fourni, se référer au "Guide d'installation de logiciel" (inclus dans l'emballage du CD-ROM).

-
- Bitte lesen Sie vor Gebrauch dieser Kamera sorgfältig diese Bedienungsanleitung, um optimale Ergebnisse beim Fotografieren zu erzielen.
 - Wir empfehlen, vor wichtigen Aufnahmen Probeaufnahmen durchzuführen, um sich mit der Bedienung und den Funktionen der Kamera vertraut zu machen.
 - Olympus behält sich das Recht vor, im Interesse einer kontinuierlichen Produktverbesserung die in diesem Handbuch enthaltenen Informationen zu aktualisieren und/oder zu ändern.
 - Weitere Angaben zum Anschluss der Kamera an einen Personal Computer und zum Installieren der mitgelieferten Software siehe die „Software-Installationsanleitung“ (in der CD-ROM-Packung enthalten).

-
- Antes de usar su cámara lea este manual detalladamente para asegurar el uso correcto.
 - Nosotros le recomendamos que tome fotografías de prueba para familiarizarse con su cámara antes de tomar fotografías importantes.
 - En el propósito de continuar el mejoramiento de sus productos, Olympus se reserva el derecho de actualizar o modificar la información contenida de este manual.
 - Para más detalles sobre la conexión de la cámara a un PC e instalación del software suministrado, refiérase a la "Guía de instalación del software" (adjunto en el paquete del CD-ROM).
-

Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.

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These instructions are only for quick reference. For more details on the camera functions described in this manual, refer to the camera Reference Manual on the CD-ROM enclosed in the camera package.

For customers in North and South America

For customers in USA

Declaration of Conformity

Model Number : D-390/C-150

Trade Name : OLYMPUS

Responsible Party : Olympus America Inc.

Address : 2 Corporate Center Drive, Melville, New York
11747-3157 U.S.A.

Telephone Number : 631-844-5000

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

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

For customers in Europe



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" mark cameras are intended for sales in Europe.

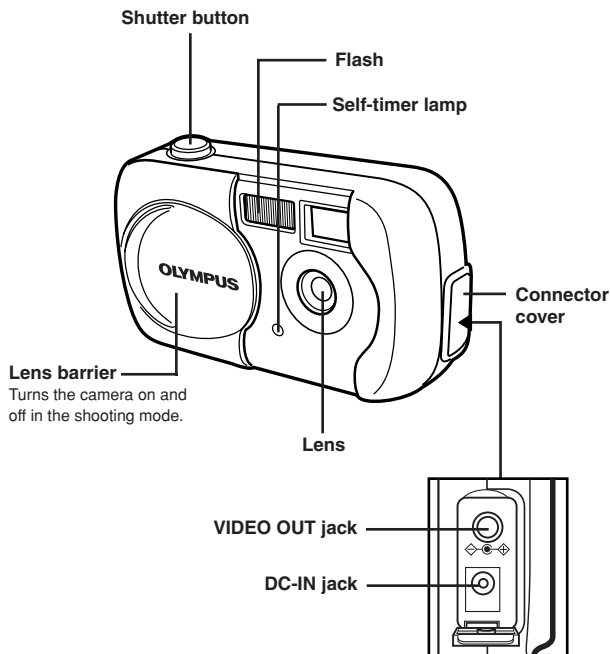
Trademarks

- IBM is a registered trademark of International Business Machines Corporation.
- Microsoft and Windows are registered trademarks of Microsoft Corporation.
- Macintosh is a trademark of Apple Computer Inc.
- All other company and product names are registered trademarks and/or trademarks of their respective owners.
- The standards for camera file systems referred to in this manual are the "Design Rule for Camera File System/DCF" standards stipulated by the Japan Electronics and Information Technology Industries Association (JEITA).

Getting started

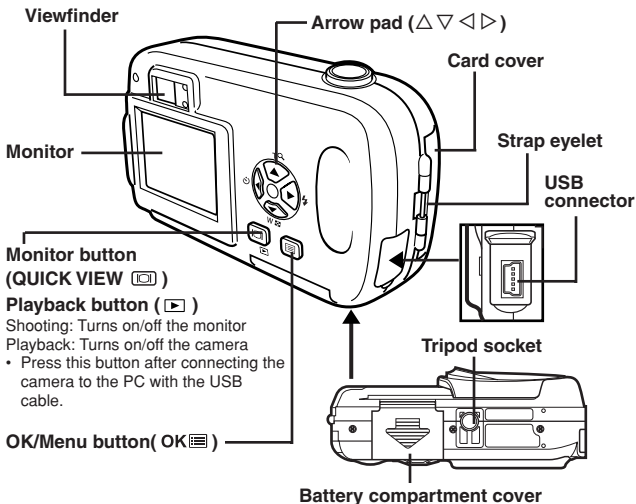
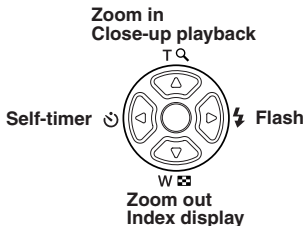
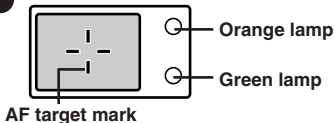
En

Names of parts



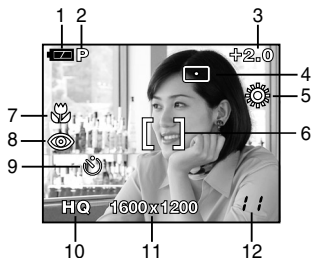
Arrow pad

Simply press a button ($\Delta/\nabla/\triangleleft/\triangleright$) to directly select zoom in/out, flash or self-timer. Buttons are also used to navigate the various menu items.

**Viewfinder**

Monitor indications

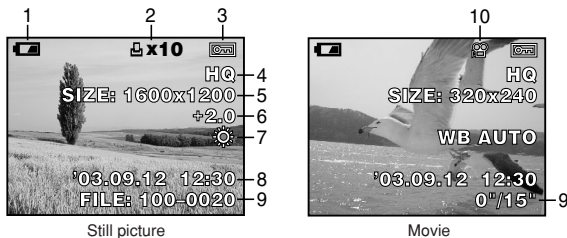
● Shooting mode



	Items	Indications
1	Battery check	
2	Shooting mode	P ,
3	Exposure compensation	-2.0 - +2.0
4	Spot metering mode	
5	White balance	
6	AF target mark	[]
7	Macro	
8	Flash mode	
9	Self-timer	
10	Record mode	SHQ, HQ, SQ1, SQ2
11	Resolution (number of pixels)	1600 x 1200, 1024 x 768, 640 x 480, etc.
12	Number of storable still pictures Seconds remaining for movies	11 11"

●Playback mode

INFO setting allows you to select how much information to display on the monitor. Screens when the information display is set to ON are shown below.



	Items	Indications
1	Battery check	,
2	Print reservation Number of prints	x10
3	Protect	
4	Record mode	SHQ, HQ, SQ1, SQ2
5	Number of pixels	1600 x 1200, 1024 x 768, 640 x 480, etc.
6	Exposure compensation	-2.0 – +2.03
7	White balance	WB AUTO, , , ,
8	Date and time	'03.09.12 12:30
9	File number, Frame number, Playing time /Total recording time	100-0020, 12, 0"/15"
10	Movie mode	

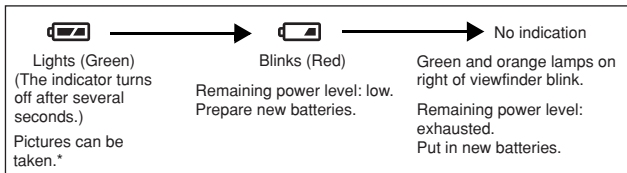


Note

- The indications that appear on a movie picture that has been displayed from the index display are different from those that appear when the movie picture is displayed using the movie playback function.

● Battery check

If the remaining battery power is low, the battery check indication on the monitor changes as follows when the camera is turned on or while the camera is in use.



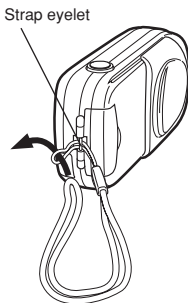
* The amount of energy the camera uses varies greatly on how the camera is operated. Battery power may finish without displaying any warning, causing the camera to turn off.

Attaching the strap

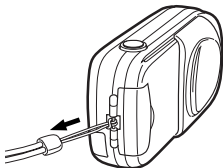
- 1 Thread the short end of the strap through the strap eyelet.

- The strap can only enter from the lens side.

- 2 Thread the long end of the strap through the loop that has already gone through the eyelet.



- 3 Pull the strap tight, making sure that it is securely fastened and does not come loose.



Note

- Be careful with the strap when you carry the camera, as it can easily catch on stray objects, causing injury or damage.
- Attach the strap correctly following the procedure so that the camera does not fall off. If the strap is attached incorrectly and the camera falls off, Olympus is not responsible for any damages.

Loading batteries

Use one CR-V3 lithium battery pack, or two AA (R6) NiMH batteries or alkaline batteries.

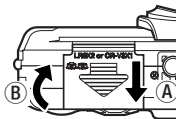
Important

- CR-V3 lithium battery packs cannot be re-charged.
- Do not peel the label on a CR-V3 lithium battery pack.
- Manganese (zinc-carbon) batteries cannot be used.

1 Make sure that:

- The lens barrier is closed.
- The monitor is off.
- The lamps on the right of the viewfinder are off.

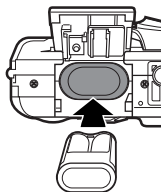
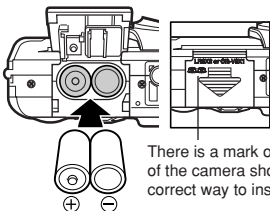
2 Slide the battery compartment cover in the direction of (A) (the direction indicated by the mark on the cover), and lift it up in the direction of (B).



3 Insert batteries in the direction shown in the illustration.


When using AA (R6) batteries

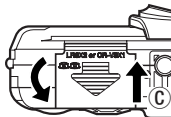
When using a CR-V3 lithium battery pack



4 Close the battery compartment cover so that it pushes batteries down inside.

While pressing the  mark, slide the cover in the direction of (C).

- If the battery compartment cover seems hard to close, do not force it. With the battery compartment cover shut, press the  mark firmly and push in the direction shown in the illustration.





- Some camera settings will return to the factory default settings if the camera is left for about one hour with the battery removed.

Note

Inserting/Removing a card

“Card” in this manual refers to the xD-Picture Card. The camera uses the card to record pictures.

● Inserting a card

1 Make sure that:

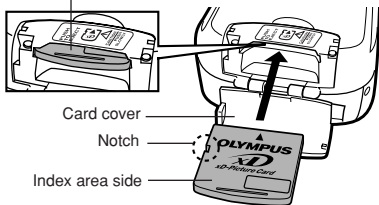
- The lens barrier is closed.
- The monitor is off.
- The lamps on the right of the viewfinder are off.

2 Open the card cover.

3 Face the card the correct way and insert it into the card slot as shown.

- Insert the card while keeping it straight.
- When the card is inserted fully, you will feel it lock into place.
- Inserting the card the wrong way or at an angle could damage the contact area or cause the card to jam.
- If the card is not inserted all the way, data may not be written to the card.

When the card is inserted properly.



4 Close the card cover.

● Removing the card

1 Make sure that:

- The lens barrier is closed.
- The monitor is off.
- The lamps on the right of the viewfinder are off.

2 Open the card cover.

3 Push the card all the way in to unlock it, then let it return slowly.

- The card is ejected a short way and then stops.

4 Hold the card straight and pull it out.

5 Close the card cover.

Power on/off

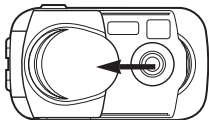
● When shooting pictures

Power on: Open the lens barrier.

The camera turns on in the shooting mode.

Power off: Close the lens barrier.

The camera turns off.



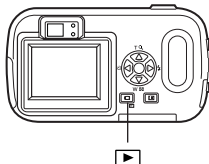
● When playing back pictures


Power on: Press  with the lens barrier closed.

The camera turns on in the playback mode. The monitor turns on and the last picture taken is displayed.

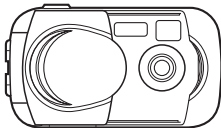
Power off: Press  .

The monitor and the camera turn off.

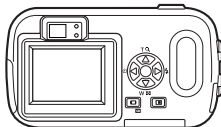
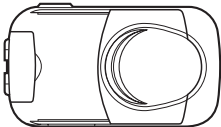


Press  twice quickly (double-click) while in the shooting mode. The camera immediately enters the playback mode and displays the last picture taken.

● Power on




● Power off

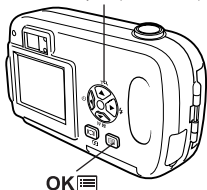


Selecting a language

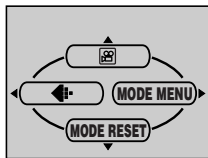
You can select a language for on-screen display. Available languages vary depending on the area where you purchased this camera.

- 1 Open the lens barrier fully.
- 2 Press **OK** .
 - The top menu is displayed.

Arrow pad ($\Delta \nabla \triangleleft \triangleright$)



- 3 Press \triangleright on the arrow pad to select **MODE MENU**.



Top menu

- 4 Press $\Delta \nabla$ to select the **SETUP** tab, then press \triangleright .



SETUP tab



- 5 Press $\Delta \nabla$ to select , then press \triangleright .






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- 6 Press $\triangle \nabla$ to select a language, then press **OK** .
- 7 Press **OK**  again to exit the menu.




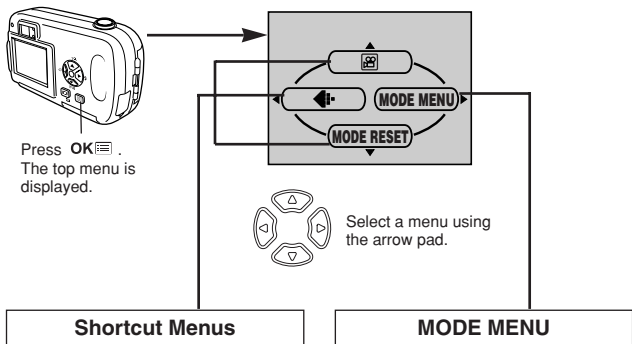
- 8 Close the lens barrier to turn the camera off.

Setting the date and time

- 1 Open the lens barrier fully.
- 2 Press **OK** .
 - The top menu is displayed.
- 3 Press \triangleright on the arrow pad to select **MODE MENU**.
- 4 Press $\triangle \nabla$ to select the **SETUP** tab, then press \triangleright .
- 5 Press $\triangle \nabla$ to select \oplus , then press \triangleright .
 - The green frame moves to the selected item.
- 6 Press $\triangle \nabla$ to select one of the following date formats: **Y-M-D (Year/Month/Day)**, **M-D-Y (Month/Day/Year)**, **D-M-Y (Day/ Month/ Year)**. Then press \triangleright .
 - Move to the year setting.
 - The following steps show the procedure used when the date and time settings are set to Y-M-D.
- 7 Press $\triangle \nabla$ to set the year, then press \triangleright to move to the month setting.
 - To move back to the previous setting, press \triangleleft .
 - The first two digits of the year are fixed.
- 8 Repeat this procedure until the date and time are completely set.
 - The camera only displays the time in the 24-hour time system. ("2 pm" would be "14:00".)
- 9 Press **OK** .
 - For a more accurate setting, press **OK**  when the time hits 00 seconds. The clock starts when you press the button.
- 10 Close the lens barrier to turn the camera off.

Menu items




When you turn on the camera and press **OK** , the top menu is displayed on the monitor. The functions of this camera are set from the menus. This chapter explains the types of menu items that this camera has and how they work, using shooting mode screens.



- Takes you directly to the setting screen.
- Display operational buttons at the bottom of the screen.

- Categorizes the settings into tabs.
- Displays the tabs of each menu. Select the desired tab on the left of the screen by pressing $\Delta \nabla$.

How to use the mode menu

- 1 Press **OK**  to display the top menu. Press \triangleright .
- 2 Press $\Delta \nabla$ to select a tab, then press \triangleright .
- 3 Press $\Delta \nabla$ to select an item, then press \triangleright .
- 4 Press $\Delta \nabla$ to select a setting. Press **OK**  to complete setting. Press **OK**  again to exit the menu and return to shooting.

Shortcut menus

● Shooting mode



Records movies. This icon appears when the menu is displayed in the still picture shooting mode.



PHOTO

A simple press of the shutter button gives you optimal exposure and focus for general photography. This icon appears when the menu is displayed in the movie recording mode.



Sets the image quality and resolution.

Still picture : SHQ, HQ, SQ1, SQ2

Movie : HQ, SQ

MODE RESET

Restores functions (exposure compensation, white balance, etc.) to the factory default settings. MODE RESET is identical to the ALL RESET function included in the MODE MENU.

● Playback mode



Runs through all saved pictures one after another as a slide show. This icon appears when the menu is displayed while a still picture is played back.

MOVIE PLAY

Plays back movies. This icon appears when the menu is displayed while a movie frame is played back.

INFO

Displays all the shooting information on the monitor.



ERASE

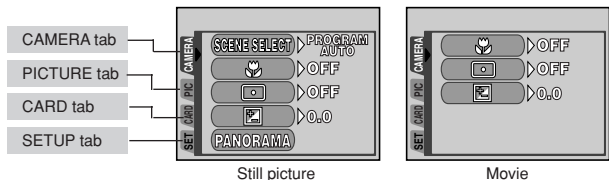
Erases the selected still picture or movie.

Mode menus


The MODE MENU is divided into tabs. Press Δ ∇ to select a tab and display the associated menu items.

These instructions are only for quick reference. For more details on the camera functions described in this manual, refer to the camera Reference Manual on the CD-ROM enclosed in the camera package.

●Shooting mode







CAMERA tab	
SCENE SELECT	Selects the shooting mode from PROGRAM AUTO (program auto), (portrait), (landscape), (night scene) or (self portrait).
	Allows you to shoot as close as 20 cm (0.7 ft.) to your subject.
	Meters light within the AF target mark to determine exposure.

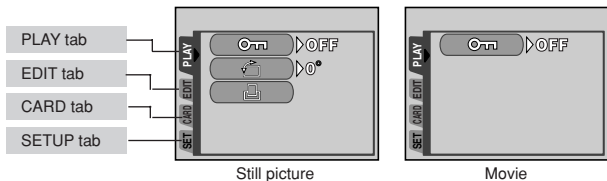
CAMERA tab	
	Adjusts the brightness of the picture.
PANORAMA	Allows panorama pictures to be taken with Olympus CAMEDIA-brand cards.
2 IN 1	Combines two still pictures taken in succession and stores them as a single picture.

PICTURE tab	
WB	Sets the appropriate white balance according to the light source.

CARD tab	
CARD SETUP	Formats a card.

SETUP tab	
ALL RESET	Selects whether to keep the current camera settings when you turn off the power.
	Selects a language for on-screen display.
	Turns the beep sound (used for warnings, etc.) on and off.
REC VIEW	Selects whether to display pictures on the monitor while saving them to a card.
FILE NAME	Chooses how to name files and folders of pictures.
PIXEL MAPPING	Checks the CCD and image processing functions for errors.
	Adjusts the brightness of the monitor.
	Sets the date and time.
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.






● Playback mode



PLAY tab	
	Protects pictures from accidental erasure.
	Rotates pictures 90 degrees clockwise or counterclockwise.
	Stores print reservation information on the card.

EDIT tab	
BLACK&WHITE	Creates a black and white picture and saves it as a new picture.
SEPIA	Creates a sepia-toned picture and saves it as a new picture.
	Makes the file size smaller and saves it as a new picture.
INDEX	Creates an index picture of a movie in 9 frames.

CARD tab	
CARD SETUP	Formats the card, erasing all image data stored on it.

SETUP tab	
ALL RESET	Selects whether to keep the current camera settings when you turn off the power.
	Selects a language for on-screen display.
	Turns the beep sound (used for warnings, etc.) on and off.
	Adjusts the brightness of the monitor.
	Sets the date and time.
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.
	Selects the number of frames in the index display.

Shooting modes

This camera shoots still pictures and movies. In the still picture shooting mode, select a shooting mode from **PHOTO** (P/□/▲/□/□), depending on shooting conditions and the effect you want. The factory default setting is **P** (PROGRAM AUTO). You are able to shoot normally even if you do not select a shooting mode.

● **PHOTO** Still picture shooting

Lets you take still pictures. You can select a more specific shooting mode depending on the scenes you want to shoot.

● **Movie recording**

Lets you record movies. You cannot record movies with sound.

■ Still picture shooting modes

P PROGRAM AUTO (factory default setting)

Used for regular photography. The camera automatically makes settings for natural color balance. Other functions, such as the flash mode, can be adjusted manually.

Portrait shooting

Suitable for taking a portrait-style shot of a person. The camera automatically sets the optimal shooting conditions.

Landscape shooting

Suitable for taking photos of landscapes and other outdoor scenes. The camera automatically sets the optimal shooting conditions.

Night-Scene shooting

Suitable for taking photos of landscapes and people in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting. If you take a picture of a street at night in any other mode, the lack of brightness will result in a dark picture with the background underexposed and without details. In this mode, the true appearance of the street is captured. The camera automatically sets the optimal shooting conditions. We recommend that you set the flash mode to AUTO.



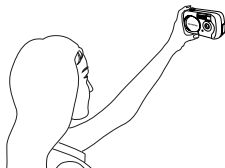
Normal shooting and flash on











Night-Scene shooting and flash on

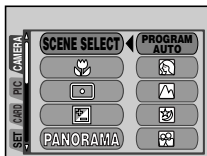
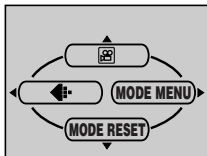
Self Portrait shooting

Enables you to take a picture of yourself while holding the camera. Point the lens towards yourself and the focus will be locked on you. The camera automatically sets the optimal shooting conditions.



Selecting shooting modes

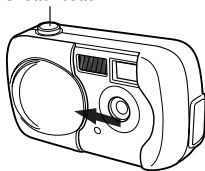
- 1 Open the lens barrier fully.
- 2 Press **OK** .
 - The top menu is displayed.
- 3 In the top menu, press **▷** to select **MODE MENU**.
 - Movie recording: Press **△** to select .
- 4 Press **△▽** to select the **CAMERA** tab, then press **▷**.
- 5 Press **△▽** to select **SCENE SELECT**, then press **▷**.
- 6 Press **△▽** to select a mode from **PROGRAM AUTO**, , ,  or , then press **OK** .
 - Press **OK**  again to exit the menu.



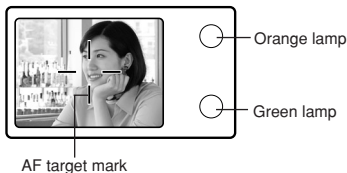
Taking still pictures using the viewfinder PHOTO

- 1** Open the lens barrier fully.

Shutter button

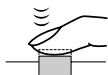


- 2** Compose your picture while looking at the image in the viewfinder.



- 3** Press the shutter button gently (halfway) to adjust the focus.

- When the focus and exposure are locked, the green lamp lights steadily. (focus lock)
- If the orange lamp lights, the flash fires automatically.



- 4** Press the shutter button all the way (fully).

- The camera takes the picture, and a beep sounds.
- When the green lamp stops blinking, you can take the next picture.
- When the orange lamp starts blinking, the pictures are stored on the card.







How to lock the focus

When shooting a hard-to-focus subject, point the camera at an object about the same distance away as the subject. Press the shutter button halfway. Keeping the shutter button pressed halfway, recompose your shot. Press the shutter button fully.



Recording movies

- 1 Open the lens barrier fully.**
- 2 Press OK .**
 - The top menu is displayed.
- 3 Press Δ to select .**
 - Movie recording is set and the camera returns to the shooting mode.
 - The  mark and the total recordable time depending on the card memory capacity are displayed on the monitor.
- 4 Decide the composition while looking at the image on the monitor.**
- 5 Press the shutter button halfway.**
 - The focus is locked.
- 6 Press the shutter button fully to start recording.**
 - The orange lamp on the right of the viewfinder lights.
 - The camera always sets the best exposure, even if the subject moves.
 - During movie recording,  lights red and the time you can shoot is displayed.
- 7 Press the shutter button again to stop recording.**
 - The orange lamp blinks while the movie is stored on the card.
 - When the remaining recording time has been used up, recording stops automatically.

Zoom (Digital zoom)

- 1 Open the lens barrier fully.**
- 2 Press Δ .**
 - The monitor turns on and the zoom bar appears. The subject is magnified by 1.3 times.
- 3 Press $\Delta \nabla$ while looking at the image on the monitor.**
 - Each time you press Δ , the zoom magnification changes in the following sequence:
1 time \rightarrow 1.3 times \rightarrow 1.6 times \rightarrow 2.0 times \rightarrow 2.5 times.
 - Each time you press ∇ , the zoom magnification changes in the following sequence:
2.5 times \rightarrow 2.0 times \rightarrow 1.6 times \rightarrow 1.3 times \rightarrow 1 time.
 - The zoom magnification changes continuously while holding down Δ or ∇ .
- 4 Take the picture.**

Using the flash ⚡

Select the flash mode best suited to the light conditions and the effect you want to achieve.

- 1 Open the lens barrier fully.**
- 2 Press \triangleright (⚡).**
 - The monitor turns on.
 - The current flash setting is displayed.
- 3 Press \triangleright again to set the flash mode.**
 - Each time you press \triangleright , the flash mode changes in the following sequence: "AUTO" – "👁 Red-eye reduction" – "⚡ Fill-in flash" – "🚫 Flash off".
- 4 Press the shutter button halfway.**
 - When the flash fires, the orange lamp lights steady.
- 5 Press the shutter button fully to take the picture.**

● Auto-flash (No indication)

The flash fires automatically in low light or backlight conditions. To shoot a subject with backlight, position the AF target mark over the subject.

● Red-eye reduction flash (👁)

The light from the flash may make the subject's eyes appear red in the picture. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash. This helps accustom the subject's eyes to the bright light and minimizes the red-eye phenomenon.

● Fill-in flash (⚡)

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).



● Flash off (🚫)

The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited, such as in an art museum. You can also use this mode when you want to shoot a natural-looking twilight or night scene.


Self-timer shooting





This function lets you take pictures using the self-timer. Fix the camera securely on a tripod or set it on a level surface for self-timer shooting. This function is useful for taking pictures where you want to be included in the photograph.

1 Open the lens barrier fully.

2 Press  ().

- The monitor turns on.



3 Press  again to set the self-timer mode.


- The setting changes between  OFF and  ON each time  is pressed. When the self-timer mode is selected,  is displayed on the monitor.

4 Take the picture. Press the shutter button to start the timer and take the picture.

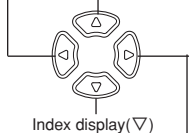
- The self-timer lamp lights for approximately 10 seconds, then starts blinking. After blinking for approximately 2 seconds, the picture is taken.
- The self-timer mode is automatically canceled after one shot.

Viewing still pictures

- 1 Press  with the lens barrier closed.**
 - The monitor turns on and displays the last picture taken. (Single-frame playback)
- 2 Use the arrow pad to play back other pictures.**
- 3 Press  to cancel playback.**
 - The monitor and camera turn off.








Displays the previous picture. ()

Close-up playback ()



Displays the next picture. ()

Viewing movies


- 1 Press  with the lens barrier closed.**
 - The monitor turns on.
- 2 Use the arrow pad to display the picture with .**
- 3 Press OK .**
 - The top menu is displayed.
- 4 Press  to select MOVIE PLAY.**
- 5 Press   to select PLAYBACK, then press OK .**
 - The movie is played back.
 - After playback, the menu is displayed.

PLAYBACK : Plays back the entire movie again.






FRAME BY

FRAME : Plays back the movie manually one frame at a time.

EXIT : Leaves the movie playback mode.








Press   to select from PLAYBACK, FRAME BY FRAME or EXIT, then press OK .

•When FRAME BY FRAME is selected

-  : Displays the first frame of the movie.
-  : Displays the last frame of the movie.
-  : Displays the next frame. The movie can be displayed continuously by holding the button down.
-  : Displays the previous frame. The movie can be displayed continuously in reverse by holding the button down.
- OK  : Displays the MOVIE PLAY menu.








Protecting pictures

You are recommended to protect important pictures to avoid accidentally erasing them. Protected pictures cannot be erased by the single-frame/all-frame erase function.

- 1 Press  with the lens barrier closed.**
 - The monitor turns on.
- 2 Use the arrow pad to display the picture you want to protect.**
- 3 Press OK .**
 - The top menu is displayed.
- 4 In the top menu, select MODE MENU → PLAY → , and press .**
- 5 Press   to select ON, then press OK .**
 - To cancel protection, select OFF.







Single-frame erase

Recorded pictures can be erased. There are two types of erase: Single-frame erase, which erases only the picture that is displayed on the monitor, and all-frame erase, which erases all the pictures on the card.

- 1 Press .**
 - The monitor turns on.
- 2 Use the arrow pad to display the picture you want to erase.**
- 3 Press OK .**
 - The top menu is displayed.
- 4 Press  to select .**
- 5 Press   to select YES, then press OK .**
 - The picture is erased and the menu is closed.

All-frame erase











This function erases all the pictures on the card.

- 1** In the playback mode top menu, select **MODE MENU** → **CARD** → **CARD SETUP**, and press .
- 2** Press  to select  **ALL ERASE**, then press **OK** .
- 3** Press  to select **YES**, then press **OK** .
 - All the pictures are erased. Protected pictures are not erased.

Formatting cards (Card setup)

This function lets you format a card. Formatting prepares cards to receive data. Before using non-Olympus cards or cards which have been formatted on a PC, you must format the card with this camera.

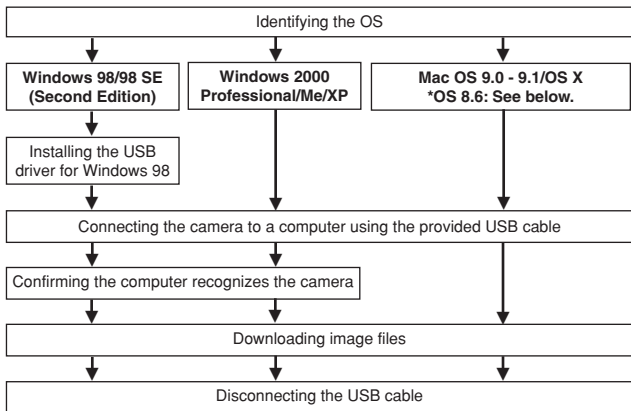
All existing data, including protected pictures, are erased when the card is formatted. Make sure that you save or transfer important data to a PC before formatting a used card.

- 1** In the top menu, select **MODE MENU** → **CARD** → **CARD SETUP**, and press .
 - Shooting mode: The  **FORMAT** screen is displayed.
 - Playback mode: The **CARD SETUP** screen is displayed.
- 2** If the  **FORMAT** screen is displayed, press  to select **YES**.
If the **CARD SETUP** screen is displayed, press  to select  **FORMAT**, then press **OK** .
- When the  **FORMAT** screen appears, press  to select **YES**.
- 3** Press **OK** .
 - The **BUSY** bar is displayed and the card is formatted.

Transferring pictures to a computer

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By connecting the camera to a computer with the provided USB cable, images on a card can be transferred to the computer. Some OS's (operating systems) may need a special setup when connecting to the camera for the first time. Follow the chart below. For details on the procedures in the chart, refer to the "Reference Manual" on the CD-ROM and the "Software Installation Guide" (included in the CD-ROM package).



* Even if your computer has a USB connector, data transfer may not function correctly if you are using one of the operating systems listed below or if you have an add-on USB connector (extension card, etc.).

- Windows 95/NT 4.0
- Windows 98/98 SE upgrade from Windows 95
- Mac OS 8.6 or lower (except Mac OS 8.6 equipped with USB MASS Storage support 1.3.5 installed at the factory)
- Data transfer is not guaranteed on a home-built PC system or PCs with no factory installed OS.


- You can view images using: graphics applications that support the JPEG file format (Paint Shop Pro, Photoshop, etc.); Internet browsers (Netscape Communicator, Microsoft Internet Explorer, etc.); CAMEDIA Master software; or other software. For details on using commercial graphics applications, refer to their instruction manuals.

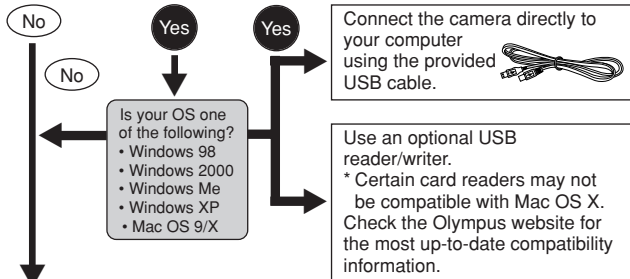
For other OS users

Users running other OS cannot connect the camera directly to a computer.

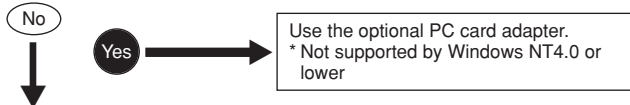
● **Windows 95** ● **Windows NT** ● **Mac OS before OS 9**

You can download images directly to your computer using an optional PC card adapter.

**Does your computer have a USB interface?
Is there a port marked  on your computer?**











Does your computer have a built-in PC card slot?



Consult your nearest Olympus representative.

For more details on the camera functions described in this manual, refer to the camera Reference Manual on the CD-ROM enclosed in the camera package.

For more details on PC connections, refer to the "Software Installation Guide" (included in the CD-ROM package).

Monitor indication	Possible cause	Corrective action
 NO CARD	The card is not inserted, or it cannot be recognized.	<ul style="list-style-type: none"> Insert a card correctly or insert a different card. If the card is dirty, wipe the gold contacts with a clean tissue and insert it again. If the problem is still not corrected, the card cannot be used.
 CARD ERROR	There is a problem with the card, so the camera will not function.	Insert a different card.
 WRITE-PROTECT	Writing to the card is prohibited.	Read-only has been set using a computer. Use the computer again to cancel the read-only setting.
 CARD FULL	The card is full. No more pictures can be taken or no more information such as print reservation can be recorded.	Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.
 NO PICTURE	There are no pictures on the card.	The card contains no pictures. Record pictures.
 PICTURE ERROR	There is a problem with the selected picture, so it cannot be played back on this camera.	Use image processing software to view the picture on a PC. If that cannot be done, the image file is damaged.
	The card is not formatted.	Format the card.
 CARD COVER OPEN	The card cover is open.	Close the card cover.

Specifications

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Product type	: Digital camera (for shooting and displaying)
Recording system	
Still picture	: Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF)), Exif 2.2, Digital Print Order Format (DPOF) PRINT Image Matching II
Movie	: QuickTime Motion JPEG support
Memory	: xD-Picture Card (16 – 256MB)
No. of storable pictures/No. of pixels (on a 16 MB card)	: Approx. 11 frame (SHQ: 1600 x 1200 pixels) Approx. 32 frames (HQ : 1600 x 1200 pixels) Approx. 76 frames (SQ1: 1024 x 768 pixels) Approx. 165 frames (SQ2: 640 x 480 pixels)
No. of effective pixels	: 2,000,000 pixels
Image pickup device	: 1/ 3.2" CCD solid-state image pickup, 2,110,000 pixels (gross)
Lens	: Olympus lens 5 mm (equivalent to 38 mm lens on 35 mm camera), f2.8, 5 elements in 4 groups
Photometric system	: Center-weighted average light metering, Spot metering
Shutter speed	: 1/2 to 1/700 sec.
Shooting range	: 0.5 m (1.6 ft.) ∞ to (normal) 0.2 m (0.7 ft.) ∞ to (macro mode)
Viewfinder	: Reverse Galilean viewfinder
Monitor	: 1.8" TFT* color LCD display, 61,000pixels
Outer connector	: DC-IN jack, USB connector (mini-B), VIDEO OUT jack
Automatic calendar system	: 2000 – 2099

* A color monitor using a transistor made from thin-film.

Operating environment

Temperature	: 0° C to 40° C (32° F to 104° F) (operation) -20° C to 60° C (-4° F to 140° F) (storage)
Humidity	: 30% to 90% (operation)/ 10% to 90% (storage)
Power supply	: Two AA (R6) alkaline batteries or NiMH batteries One lithium CR-V3 battery pack AC adapter (optional) ● Manganese (zinc-carbon) batteries cannot be used.
Dimensions	: 112 mm (W) x 62 mm (H) x 40 mm (D) (4.4" x 2.4" x 1.6") (excluding protrusions)
Weight	: 166 g (0.4 lb.) (without battery or card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

OLYMPUS®

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- Please note some (mobile) phone services/provider do not permit access or request an additional prefix to +800 numbers.

For all not listed European Countries and in case that you can't get connected to the above mentioned number please make use of the following

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CAMEDIA

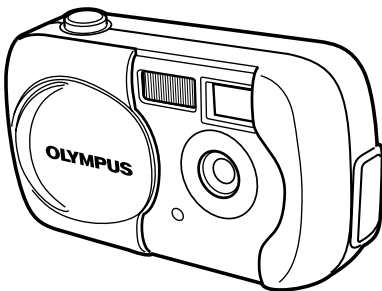
OLYMPUS

DIGITAL CAMERA

D-390

C-150

REFERENCE MANUAL



-
- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
 - We recommend that you take test shots to get accustomed to your camera before taking important photographs.
 - In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.

For customers in North and South America

For customers in USA

Declaration of Conformity

Model Number : D-390/C-150

Trade Name : OLYMPUS

Responsible Party : Olympus America Inc.

Address : 2 Corporate Center Drive, Melville, New York
11747-3157 U.S.A.

Telephone Number : 631-844-5000

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

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

For customers in Europe






"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" mark cameras are intended for sales in Europe.



Trademarks

- IBM is a registered trademark of International Business Machines Corporation.
- Microsoft and Windows are registered trademarks of Microsoft Corporation.
- Macintosh is a trademark of Apple Computer Inc.
- All other company and product names are registered trademarks and/or trademarks of their respective owners.
- The standards for camera file systems referred to in this manual are the "Design Rule for Camera File System/DCF" standards stipulated by the Japan Electronics and Information Technology Industries Association (JEITA).






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

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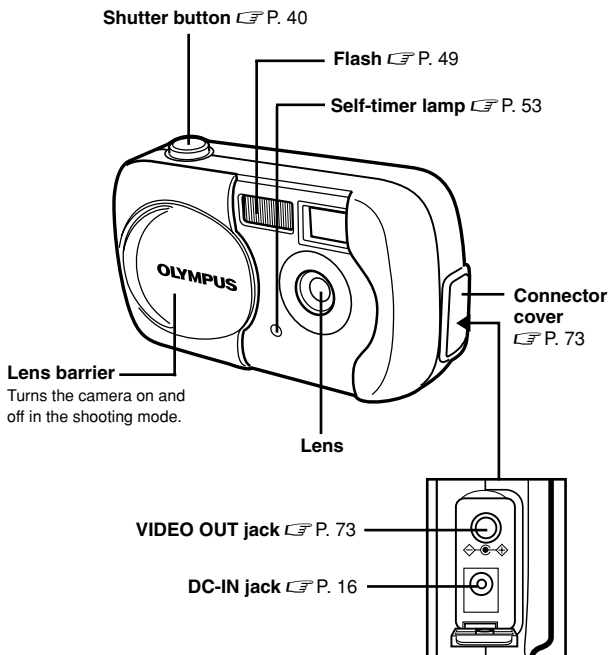
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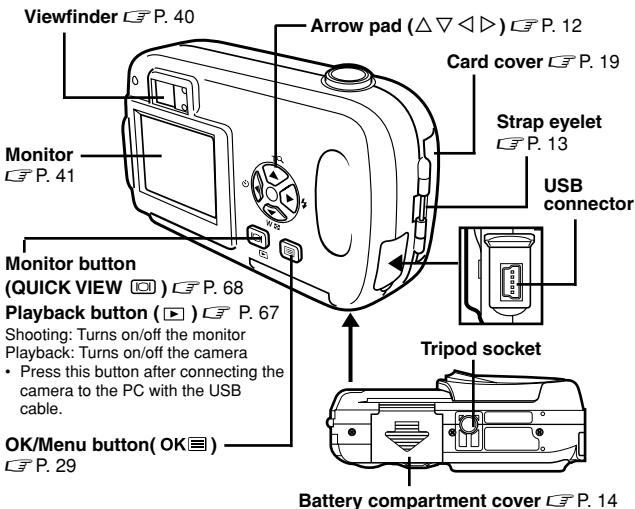
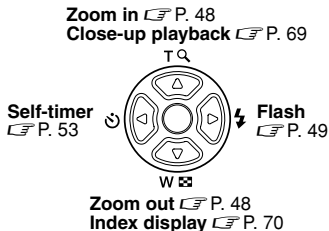
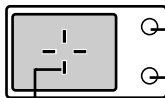
1 Getting started

Names of parts



Arrow pad

Simply press a button ($\Delta/\nabla/\triangleleft/\triangleright$) to directly select zoom in/out, flash or self-timer. Buttons are also used to navigate the various menu items.

**Viewfinder**

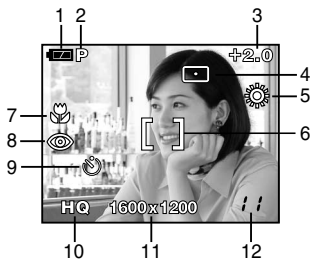
Orange lamp  P. 40, 49

Green lamp  P. 40

AF target mark  P. 40


Monitor indications

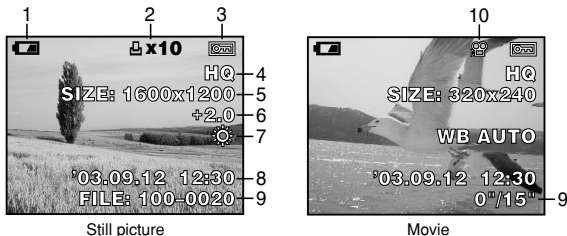
● Shooting mode













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7	Macro		P. 52
8	Flash mode		P. 49
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10	Record mode	SHQ, HQ, SQ1, SQ2	P. 59
11	Resolution (number of pixels)	1600 x 1200, 1024 x 768, 640 x 480, etc.	P. 60
12	Number of storable still pictures	11	P. 41
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● Playback mode

INFO setting allows you to select how much information to display on the monitor. Screens when the information display is set to ON are shown below.  "Displaying shooting information" (P. 87)



	Items	Indications	Ref. page
1	Battery check	 , 	P. 11
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7	White balance	WB AUTO,  ,  ,  ,  , 	P. 65
8	Date and time	'03.09.12 12:30	P. 26
9	File number, Frame number, Playing time /Total recording time	100-0020, 12, 0"/15"	P. 74 P. 87
10	Movie mode		P. 74

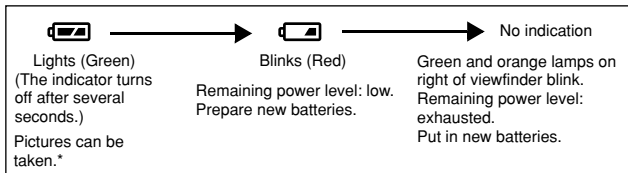


Note

- The indications that appear on a movie picture that has been displayed from the index display are different from those that appear when the movie picture is displayed using the movie playback function.

●Battery check

If the remaining battery power is low, the battery check indication on the monitor changes as follows when the camera is turned on or while the camera is in use.



* The amount of energy the camera uses varies greatly on how the camera is operated. Battery power may finish without displaying any warning, causing the camera to turn off.

How to use this manual

This sample page is only for your reference. It may differ from the actual instructions in this manual.

Follow the arrows to perform menu operations. For details of operating procedures, see "How to use the mode menu" (P. 30).

1 Getting started

The buttons for various functions and their locations are clearly illustrated.

PANORAMA - Panorama shooting

You can take advantage of panorama shooting with the Olympus xD-Picture Card. Panorama shooting lets you connect pictures with overlapping edges into a single panoramic picture, using the CAMELIA Master software contained on the CD-ROM provided.

1 In the shooting mode top menu, select **MODE MENU → CAMERA → PANORAMA**, and press **▷**.

☞ "How to use the mode menu" (P. 30)

- The monitor turns on.
- The PANORAMA mode is set.

2 On the monitor, use the arrow pad to choose the direction you want the pictures connected.

- ▷ Connects the pictures from left to right.
- ◁ Connects the pictures from right to left.
- △ Connects the pictures from bottom to top.
- ▽ Connects the pictures from top to bottom.

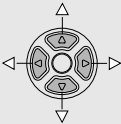
4 Advanced shooting

Arrow pad (△▽◁▷)




OK

Connects pictures from left to right.

△, ▽, ◁ and ▷ indicate which button to press on the arrow pad.



●Indications used in this manual

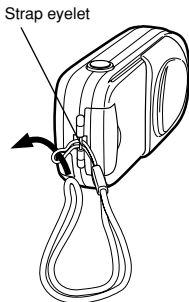
 Note	Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided.
	Useful information and hints that will help you get the most out of your camera.
	Reference pages describing details or associated information.

Attaching the strap

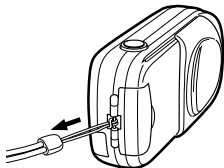
- 1 Thread the short end of the strap through the strap eyelet.

- The strap can only enter from the lens side.

- 2 Thread the long end of the strap through the loop that has already gone through the eyelet.



- 3 Pull the strap tight, making sure that it is securely fastened and does not come loose.



Note

- Be careful with the strap when you carry the camera, as it can easily catch on stray objects, causing injury or damage.
- Attach the strap correctly following the procedure so that the camera does not fall off. If the strap is attached incorrectly and the camera falls off, Olympus is not responsible for any damages.

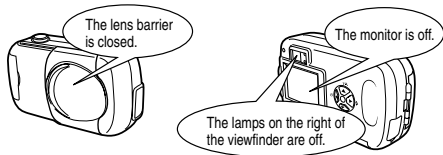
Loading batteries

Use one CR-V3 lithium battery pack, or two AA (R6) NiMH batteries or alkaline batteries.

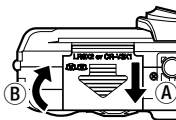
Important

- CR-V3 lithium battery packs cannot be re-charged.
- Do not peel the label on a CR-V3 lithium battery pack.
- Manganese (zinc-carbon) batteries cannot be used.

1 Make sure that:



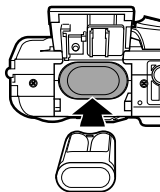
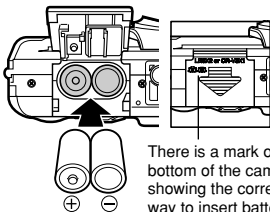
- ### 2 Slide the battery compartment cover in the direction of (A) (the direction indicated by the mark on the cover), and lift it up in the direction of (B).





3 Insert batteries in the direction shown in the illustration.

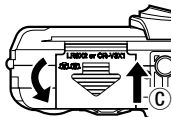
When using AA (R6) batteries

When using a CR-V3 lithium battery pack



- 4** Close the battery compartment cover so that it pushes batteries down inside. While pressing the  mark, slide the cover in the direction of **(C)**.

- If the battery compartment cover seems hard to close, do not force it. With the battery compartment cover shut, press the  mark firmly and push in the direction shown in the illustration.



Note

- Some camera settings will return to the factory default settings if the camera is left for about one hour with the battery removed.

Selecting batteries or the optional AC adapter

In addition to the batteries provided, this camera can also use the following types of batteries or AC adapter. Choose the power source best suited to the situation.

●CR-V3 lithium battery packs (Not rechargeable)

Because CR-V3 lithium battery packs have long lives, they are convenient when traveling. Do not peel off their labels.

●NiMH batteries (Rechargeable)

Olympus NiMH batteries are rechargeable and economical. If they are often charged without first using all their power, the amount of time they can be used will become gradually shorter.

●AA (R6) alkaline batteries

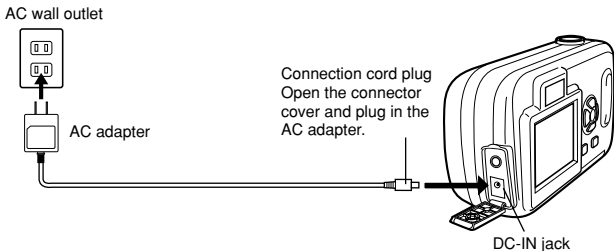
When you need batteries in a hurry, you can use AA (R6) alkaline batteries, which are easy to get anywhere. However, the number of pictures you can store may vary greatly, depending on the battery manufacturer, shooting conditions, etc. To save power, turn off the monitor whenever possible.

●AC adapter

Be sure to use the specified AC adapter. An AC adapter is useful for time-consuming tasks such as image downloads.

Use an AC adapter designed to operate on the AC voltage in the area the camera is being used.

Consult your nearest Olympus dealer or service center for details.





Note

- Manganese (zinc-carbon) batteries cannot be used.
- If the battery power runs out while the camera is connected to a PC, the image data may be lost or damaged. You are recommended to use the AC adapter when transferring images to a PC. Do not connect or disconnect the AC adapter while the camera is communicating with the PC.
- Do not remove or load batteries or connect or disconnect the AC adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- Power is consumed continuously during the conditions described below. This could make batteries run out of power quickly.
 - Turning on the monitor.
 - Repeated auto-focus by depressing the shutter button halfway.
 - When the camera is connected to a PC.
- When using an AC adapter, power is supplied to the camera by the AC adapter even if batteries are loaded in the camera. The AC adapter does not charge batteries in the camera.
- Carefully read the separate-volume Safety Precaution before use.

1

Getting started

Inserting/Removing a card

"Card" in this manual refers to the xD-Picture Card. The camera uses the card to record pictures.

Card basics

The card corresponds to normal camera film for recording the pictures you have taken. Pictures recorded and stored on the card can easily be erased, overwritten, and/or edited on a PC.

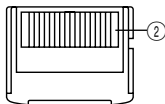
1 Getting started

① **Index area**

You can write down the card's contents.

② **Contact area**

Comes into contact with the camera's signal read contacts.




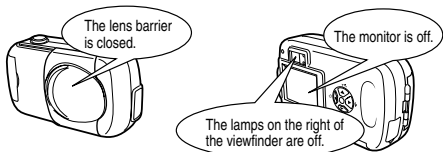
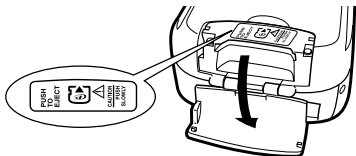
Compatible cards

- xD-Picture Card (16 to 256 MB)

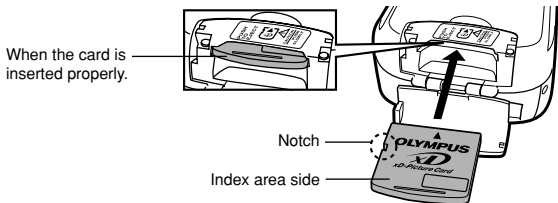
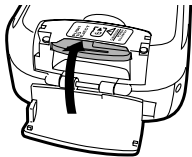


Note

- This camera may not recognize a non-Olympus card or a card that was formatted on another device (such as a PC, etc.). Before use, be sure to format the card on this camera.  "CARD SETUP - Formatting cards" (P. 85)

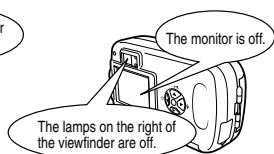
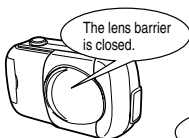
● Inserting a card**1 Make sure that:****2 Open the card cover.****3 Face the card the correct way and insert it into the card slot as shown.**

- Insert the card while keeping it straight.
- When the card is inserted fully, you will feel it lock into place.
- Inserting the card the wrong way or at an angle could damage the contact area or cause the card to jam.
- If the card is not inserted all the way, data may not be written to the card.

**4 Close the card cover.**

● Removing the card

1 Make sure that:



1
Getting started

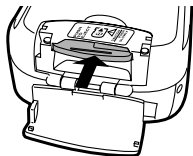
2 Open the card cover.

3 Push the card all the way in to unlock it, then let it return slowly.

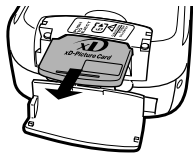
- The card is ejected a short way and then stops.

Note

Releasing your finger quickly after pushing the card all the way in may cause it to eject forcefully out of the slot.



4 Hold the card straight and pull it out.



5 Close the card cover.



Note

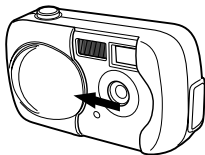
- Do not push in the card with hard or pointed objects, such as a pen.
- Never open the card cover, or remove the card or the battery while the camera is turned on. Doing so could destroy the data on the card. Once destroyed, data cannot be restored.

Power on/off

● When shooting pictures

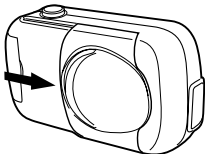
Power on: Open the lens barrier.

The camera turns on in the shooting mode.

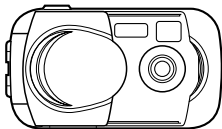


Power off: Close the lens barrier.

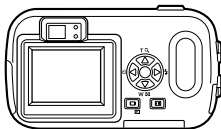
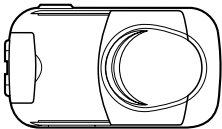
The camera turns off.



● Power on



● Power off



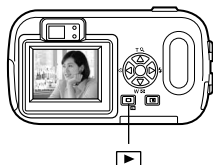
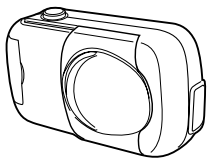
TIPS


- To save battery power, the camera automatically enters the sleep mode (stops being active) after about 3 minutes of non-operation. The camera activates again as soon as you lightly press the shutter button. Whenever possible, turn the camera off when you do not intend to take any pictures for a while.

●When playing back pictures

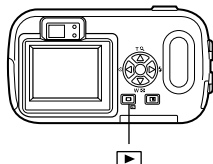
Power on: Press  with the lens barrier closed.

The camera turns on in the playback mode. The monitor turns on and the last picture taken is displayed.



Power off: Press  .

The monitor and the camera turn off.



TIPS

- When the camera turns on, the monitor may light up for an instant and a picture appear after a short time. This is not a malfunction.

Note

- Never open the card cover, remove the card or the battery, or connect or disconnect the AC adapter while the camera is turned on. Doing so could destroy all data on the card. Destroyed data cannot be restored. When changing the card, be sure to turn the camera off before opening the card cover.


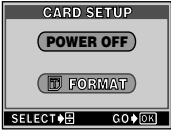
If the card is not recognized (card check)

When the power is turned on, the camera checks the card automatically. If there is no card in the camera or a card that is not supported by this camera is inserted, the following screen is displayed.



- All data stored on the card is erased when the card is formatted.

Note


Monitor indication	Corrective action
 NO CARD	<p>There is no card in the camera or the card is not inserted properly.</p> <p>→ Turn off the camera, then insert a card. If a card is already inserted, remove it and insert it again correctly.</p>
	<p>The card cannot record, play back or erase pictures.</p> <p>→ Replace the card with a new one. Press Δ ∇ to select POWER OFF, then press OK.</p> <p>→ Format the card. Press Δ ∇ to select FORMAT, then press OK to display the confirmation screen. Select YES and press OK. Formatting starts. If the card was successfully formatted, the camera is ready to take pictures.</p>

Selecting a language

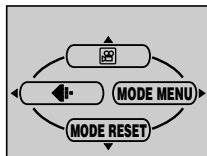
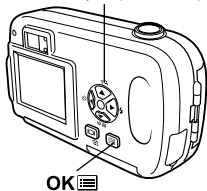


You can select a language for on-screen display. This reference manual shows the English on-screen display in the illustrations and explanations. Available languages vary depending on the area where you purchased this camera.

1 Getting started

- 1 Open the lens barrier fully.
- 2 Press **OK** .
 - The top menu is displayed.
- 3 Press **▷** on the arrow pad to select **MODE MENU**.

Arrow pad (△▽◀▶)



Top menu

- 4 Press **△▽** to select the **SETUP** tab, then press **▷**.

SETUP tab



- 5 Press **△▽** to select **ENGLISH** , then press **▷**.

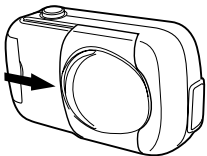


6 Press Δ ∇ to select a language, then press OK .

7 Press OK  again to exit the menu.



8 Close the lens barrier to turn the camera off.

**TIPS**

- The language can also be set from the playback mode.

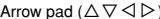
Setting the date and time

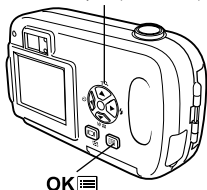



1 Open the lens barrier fully.

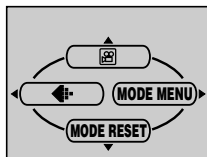
2 Press OK .

- The top menu is displayed.




Arrow pad ()



3 Press  on the arrow pad to select MODE MENU.



Top menu

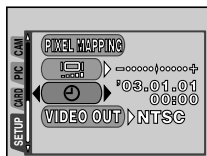
4 Press  to select the SETUP tab, then press .

SETUP tab



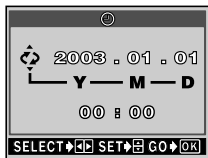
5 Press  to select , then press .

- The green frame moves to the selected item.



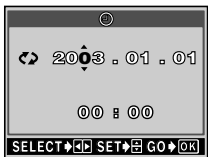
- 6** Press $\Delta \nabla$ to select one of the following date formats: Y-M-D (Year/Month/Day), M-D-Y (Month/Day/Year), D-M-Y (Day/ Month/Year). Then press \triangleright .

- Move to the year setting.
- The following steps show the procedure used when the date and time settings are set to Y-M-D.



- 7** Press $\Delta \nabla$ to set the year, then press \triangleright to move to the month setting.

- To move back to the previous setting, press \triangleleft .
- The first two digits of the year are fixed.



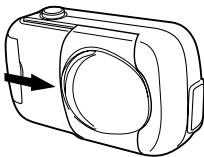
- 8** Repeat this procedure until the date and time are completely set.

- The camera only displays the time in the 24-hour time system. ("2 pm" would be "14:00".)

- 9** Press **OK** \equiv .

- For a more accurate setting, press **OK** \equiv when the time hits 00 seconds. The clock starts when you press the button.

- 10** Close the lens barrier to turn the camera off.



TIPS

- The date and time can also be set from the playback mode.



Note

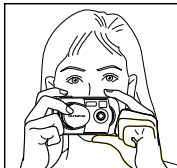
- The current settings are retained even when the power is turned off.
- The date and time settings will be canceled if the camera is left without the battery for approximately 1 hour. The settings will be canceled more quickly if the battery was only loaded in the camera for a short time before being removed. Before taking important pictures, check that the date and time settings are correct.

Holding the camera

When taking pictures, hold the camera firmly with both hands while keeping your elbows at your sides to prevent the camera from moving. When using a vertical grip, hold the camera so that the flash is higher than the lens.

Taking pictures using the monitor

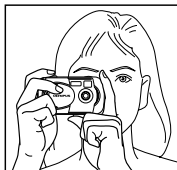
1 Getting started



Be sure to hold the camera with both hands to stop it from moving. Keeping your elbows at your sides is very effective for this.

Taking pictures using the viewfinder

Horizontal grip



Vertical grip



Incorrect grip



Keep your fingers and the strap away from the lens and flash.




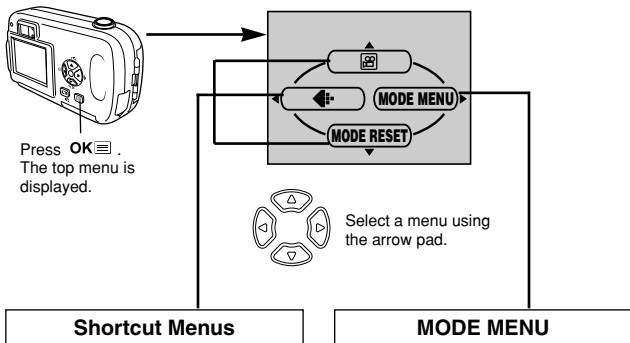
Note

- Clear pictures cannot be obtained if the camera moves as the shutter button is pressed. Hold the camera correctly, and press the shutter button gently.

2 Using the menus

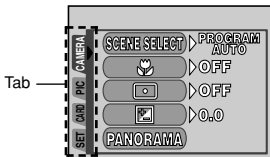
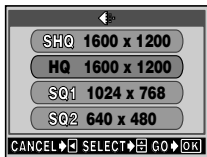
Menu items

When you turn on the camera and press **OK** , the top menu is displayed on the monitor. The functions of this camera are set from the menus. This chapter explains the types of menu items that this camera has and how they work, using shooting mode screens.




- Takes you directly to the setting screen.
- Display operational buttons at the bottom of the screen.

- Categorizes the settings into tabs.
- Displays the tabs of each menu. Select the desired tab on the left of the screen by pressing Δ ∇ .

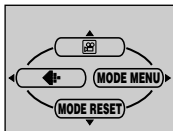


How to use the mode menu

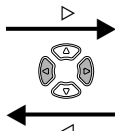
1 Press **OK**  to display the top menu. Press **▷**.

2 Press **△▽** to select a tab, then press **▷**.

Top menu

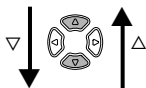


CAMERA tab

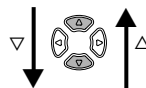


Press **◁** to return to the tab selection screen.

PICTURE tab



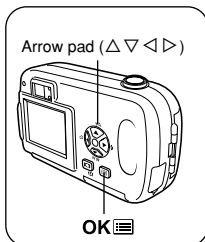
CARD tab




SETUP tab

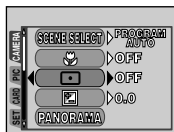
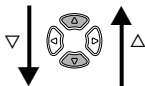
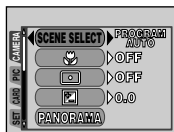


2 Using the menus

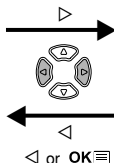


 Continued on next page

- 3 Press Δ / ∇ to select an item, then press \triangleright .

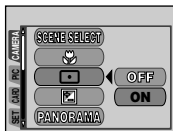
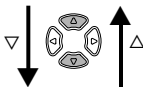
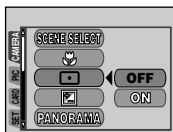


The green frame moves to the selected item.



\triangleleft or **OK** To return to select an item, press \triangleleft or **OK** .

- 4 Press Δ / ∇ to select a setting. Press **OK** to complete setting. Press **OK** again to exit the menu and return to shooting.



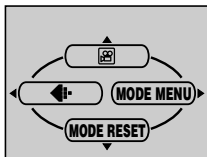
Note

- Items available for selection depends on the camera settings.
- You can take pictures while a menu is displayed in the shooting mode.
- If you want to save the settings after the camera is turned off, set ALL RESET to OFF. "ALL RESET - Saving the settings" (P. 84)

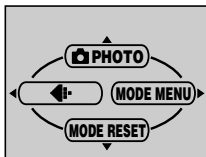
Shortcut menus

●Shooting mode

Shortcut menus are frequently-used menus that can be accessed from the top menu.



Still picture



Movie



Records movies. This icon appears when the menu is displayed in the still picture shooting mode.

P. 46



A simple press of the shutter button gives you optimal exposure and focus for general photography. This icon appears when the menu is displayed in the movie recording mode.

P. 37



Sets the image quality and resolution.

Still picture : SHQ, HQ, SQ1, SQ2

Movie : HQ, SQ

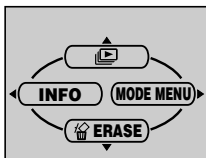
P. 59

MODE RESET

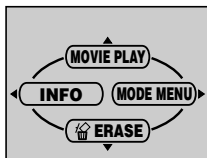
Restores functions (exposure compensation, white balance, etc.) to the factory default settings. MODE RESET is identical to the ALL RESET function included in the MODE MENU.

P. 84

●Playback mode



Still picture



Movie



Runs through all saved pictures one after another as a slide show. This icon appears when the menu is displayed while a still picture is played back.

P. 71

MOVIE PLAY

Plays back movies. This icon appears when the menu is displayed while a movie frame is played back.

P. 74

INFO

Displays all the shooting information on the monitor.

P. 87



ERASE

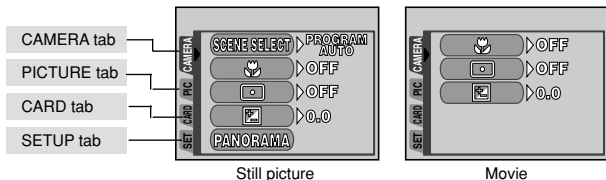
Erases the selected still picture or movie.

P. 77

Mode menus

The MODE MENU is divided into tabs. Press Δ ∇ to select a tab and display the associated menu items.

●Shooting mode







Still picture

Movie

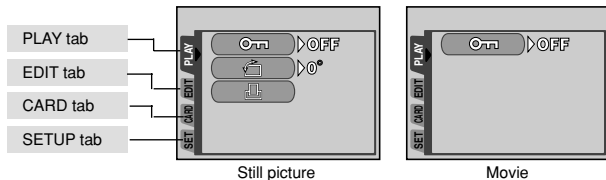
CAMERA tab		
SCENE SELECT	Selects the shooting mode from PROGRAM AUTO (program auto), (portrait), (landscape), (night scene) or (self portrait).	P. 38
	Allows you to shoot as close as 20 cm (0.7 ft.) to your subject.	P. 52
	Meters light within the AF target mark to determine exposure.	P. 54
	Adjusts the brightness of the picture.	P. 63
PANORAMA	Allows panorama pictures to be taken with Olympus CAMEDIA-brand cards.	P. 55
2 IN 1	Combines two still pictures taken in succession and stores them as a single picture.	P. 57




PICTURE tab		
WB	Sets the appropriate white balance according to the light source.	P. 65


CARD tab		
CARD SETUP	Formats a card.	P. 85

SETUP tab		
ALL RESET	Selects whether to keep the current camera settings when you turn off the power.	P. 84
	Selects a language for on-screen display.	P. 24
	Turns the beep sound (used for warnings, etc.) on and off.	P. 89
REC VIEW	Selects whether to display pictures on the monitor while saving them to a card.	P. 88
FILE NAME	Chooses how to name files and folders of pictures.	P. 89
PIXEL MAPPING	Checks the CCD and image processing functions for errors.	P. 91
	Adjusts the brightness of the monitor.	P. 88
	Sets the date and time.	P. 26
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.	P. 92






● Playback mode



PLAY tab		
	Protects pictures from accidental erasure.	P. 76
	Rotates pictures 90 degrees clockwise or counterclockwise.	P. 72
	Stores print reservation information on the card.	P. 93

EDIT tab		
BLACK&WHITE	Creates a black and white picture and saves it as a new picture.	P. 79
SEPIA	Creates a sepia-toned picture and saves it as a new picture.	P. 80
	Makes the file size smaller and saves it as a new picture.	P. 80
INDEX	Creates an index picture of a movie in 9 frames.	P. 82

CARD tab		
CARD SETUP	Formats the card, erasing all image data stored on it.	P. 23 P. 85

SETUP tab		
ALL RESET	Selects whether to keep the current camera settings when you turn off the power.	P. 84
	Selects a language for on-screen display.	P. 24
	Turns the beep sound (used for warnings, etc.) on and off.	P. 89
	Adjusts the brightness of the monitor.	P. 88
	Sets the date and time.	P. 26
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.	P. 92
	Selects the number of frames in the index display.	P. 70

3 Shooting basics

Shooting modes

This camera shoots still pictures and movies. In the still picture shooting mode, select a shooting mode from **PHOTO** (P/📷/🌄/🌃/🌃), depending on shooting conditions and the effect you want. The factory default setting is **P** (PROGRAM AUTO). You are able to shoot normally even if you do not select a shooting mode.

● 📷 **PHOTO Still picture shooting**

Lets you take still pictures. You can select a more specific shooting mode depending on the scenes you want to shoot.

● 🎥 **Movie recording**

Lets you record movies. You cannot record movies with sound. 🗨️
“Recording movies” (P. 46)

■ **Still picture shooting modes**

P PROGRAM AUTO (factory default setting)

Used for regular photography. The camera automatically makes settings for natural color balance. Other functions, such as the flash mode, can be adjusted manually.

👤 **Portrait shooting**

Suitable for taking a portrait-style shot of a person. The camera automatically sets the optimal shooting conditions.

🌄 **Landscape shooting**

Suitable for taking photos of landscapes and other outdoor scenes. The camera automatically sets the optimal shooting conditions.

🌃 **Night-Scene shooting**

Suitable for taking photos of landscapes and people in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting. If you take a picture of a street at night in any other mode, the lack of brightness will result in a dark picture with the background underexposed and without details. In this mode, the true appearance of the street is captured. The camera automatically sets the optimal shooting conditions. We recommend that you set the flash mode to AUTO.



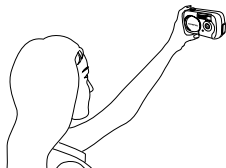
Normal shooting and flash on



Night-Scene shooting and flash on

Self Portrait shooting

Enables you to take a picture of yourself while holding the camera. Point the lens towards yourself and the focus will be locked on you. The camera automatically sets the optimal shooting conditions.

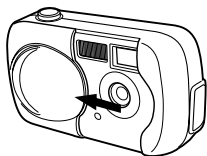


Selecting shooting modes

3

Shooting basics

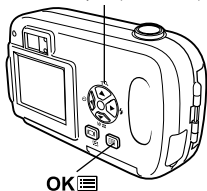
1 Open the lens barrier fully.



Arrow pad (△▽◀▶)

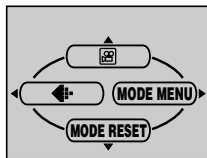
2 Press OK .







- The top menu is displayed.

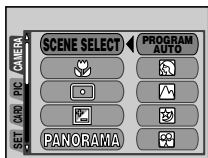


3 In the top menu, press ▶ to select MODE MENU.

- Movie recording: Press △ to select .



- 4 Press Δ / ∇ to select the **CAMERA** tab, then press \triangleright .
- 5 Press Δ / ∇ to select **SCENE SELECT**, then press \triangleright .
- 6 Press Δ / ∇ to select a mode from **PROGRAM AUTO**, , ,  or , then press **OK** .
 - Press **OK**  again to exit the menu.



TIPS

- Refer to “List of functions by shooting mode” (P.109) for details of the functions for each mode.



Note

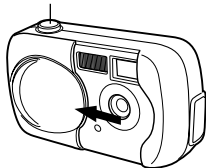
- Digital zoom and panorama shooting are not available in Self-Portrait mode.

You can take still pictures using either the monitor or the viewfinder. Both methods are easy as all you have to do is to press the shutter button.

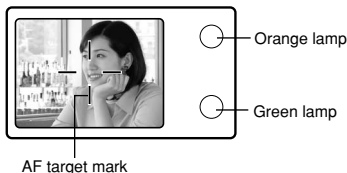
Taking still pictures using the viewfinder

1 Open the lens barrier fully.

Shutter button

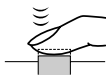


2 Compose your picture while looking at the image in the viewfinder.



3 Press the shutter button gently (halfway) to adjust the focus.

- When the focus and exposure are locked, the green lamp lights steadily. (focus lock)
- If the orange lamp lights, the flash fires automatically.



4 Press the shutter button all the way (fully).

- The camera takes the picture, and a beep sounds.
- When the green lamp stops blinking, you can take the next picture.
- When the orange lamp starts blinking, the pictures are stored on the card.



**TIPS****It is difficult to focus on the subject.**

→ "If correct focus cannot be obtained" (P. 44)

The green lamp blinks.

→ You are too close to the subject. Take the picture at least 50 cm/1.6 ft. away from the subject. When the distance from the camera to the subject is less than 50 cm/1.6 ft, select the macro mode.

"Macro mode shooting" (P. 52)

→ Depending on the subject, the focus may not be locked.

"Subjects that are difficult to focus on" (P. 45)

The orange lamp blinks.

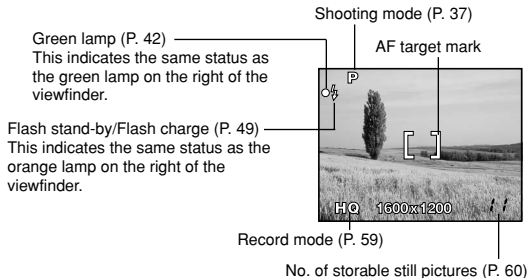
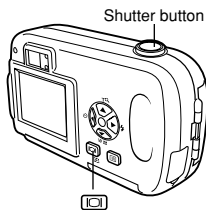
→ If the shutter button is being pressed halfway, the flash is charging. Wait until the light turns off.


To check the picture you have just taken immediately.

→ Set REC VIEW to ON. "REC VIEW - Viewing a picture immediately after shooting" (P. 88)

Taking still pictures using the monitor**1 Open the lens barrier fully.**

• Slide the lens barrier fully open until it clicks.

2 Press to turn on the monitor.**3 Decide the composition of the picture while looking at the image on the monitor.**

- 4** Take a picture by following the same procedure as when shooting with the viewfinder.  “Taking still pictures using the viewfinder” (P. 40)



TIPS -----

The green lamp blinks.

→ You are too close to the subject. Take the picture at least 50 cm away from the subject. When the distance from the camera to the subject is less than 50 cm/1.6 ft, select the macro mode.

 “Macro mode shooting” (P. 52)

→ Depending on the subject, the focus may not be locked.

 “Subjects that are difficult to focus on” (P. 45)

The monitor turns off automatically.

→ If the camera is not used for approximately 3 minutes, the monitor turns off automatically. Touch the shutter button or arrow pad to turn the monitor on again.

The monitor is hard to see.

→ Bright light, such as direct sunlight, may cause vertical lines to appear on the monitor screen. In this case, use the viewfinder. This does not affect recorded pictures.

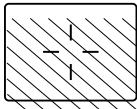


Note

- Press the shutter button gently using the ball of your finger. If it is pressed hard, the camera will move.
- Recorded pictures will be saved on the card regardless of whether the camera is turned off or the battery is changed or removed.
- Never open the card cover, remove the battery or disconnect the AC adapter while the orange lamp is blinking. Doing so could destroy stored pictures and prevent storage of the pictures you have just taken.
- When taking pictures against strong backlight, the area of the picture in shadow may appear colored.

Comparison of the viewfinder & monitor

	Viewfinder	Monitor
Advantages	Camera movement does not occur easily and subjects can be seen clearly even in bright places. Little battery power is used.	You can check the picture area that the camera actually records more accurately.
Disadvantages	When close to a subject, the image in the viewfinder is a little different from the picture that the camera actually records.	Camera movement can occur easily and subjects may be difficult to see in bright/dark places. The monitor uses more battery power than the viewfinder.
Tips	Use the viewfinder for general snapshots (landscape pictures, casual shots, etc.).	Use the monitor when you want to shoot while checking the picture area that the camera actually records, or to take close-up shots of people, flowers, etc.



- The camera records a wider area than the image in the viewfinder.
- As you get closer to the subject, the actual image recorded becomes lower than the one in the viewfinder (see left).

If correct focus cannot be obtained

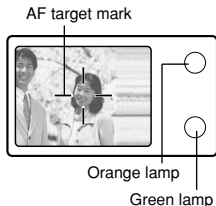
If the subject is difficult to focus on, lock the focus before shooting as explained below. This is called focus lock.

How to lock the focus

1 Open the lens barrier fully.

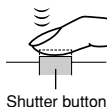
2 Position the AF target mark on the subject you want to focus on.

- When shooting a hard-to-focus subject, point the camera at an object about the same distance away as the subject.

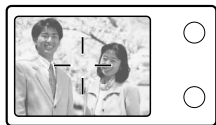


3 Press the shutter button halfway.

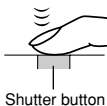
- When the focus and exposure are locked, the green lamp lights.
- When the green lamp blinks, the focus is not locked. Release your finger from the shutter button, re-position your subject and press the shutter button halfway again.



4 Keeping the shutter button pressed halfway, recompose your shot.



5 Press the shutter button fully.



**TIPS****The green lamp blinks.**

→ You are too close to the subject. Take the picture at least 50 cm away from the subject. When the distance from the camera to the subject is less than 50 cm/1.6 ft, select the macro mode.

☞ "Macro mode shooting" (P. 52)

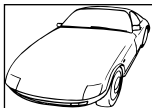
→ Depending on the subject, the focus may not be locked.

☞ "Subjects that are difficult to focus on" (See below.)

Subjects that are difficult to focus on

Under certain types of conditions, the auto focus may not work properly. If this happens, focus on an object with high contrast at the same distance as the intended subject (focus lock), recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

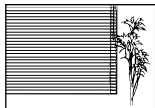
The green lamp blinks. The subject cannot be brought into focus.



Subject with low contrast

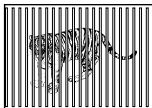


Subject with an extremely bright area in the center of the frame

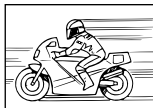


Subject without vertical lines

The green lamp lights, but the subject cannot be brought into focus.



Subjects at different distances



Fast-moving subject



The subject to be focused on is not in the center of the frame

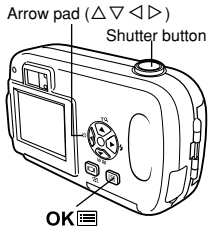



You can record movies with this camera. Recorded movies can be played back or stored as the other still pictures using the index function.


1 Open the lens barrier fully.

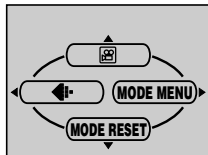
2 Press OK .

- The top menu is displayed.



3 Press Δ to select .

- Movie recording is set and the camera returns to the shooting mode.
- The  mark and the total recordable time depending on the card memory capacity are displayed on the monitor.




4 Decide the composition while looking at the image on the monitor.

5 Press the shutter button halfway.

- The focus is locked.

6 Press the shutter button fully to start recording.

- The orange lamp on the right of the viewfinder lights.
- The camera always sets the best exposure, even if the subject moves.
- During movie recording,  lights red and the time you can shoot is displayed.





7 Press the shutter button again to stop recording.

- The orange lamp blinks while the movie is stored on the card.
- When the remaining recording time has been used up, recording stops automatically.



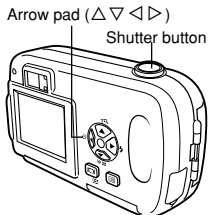
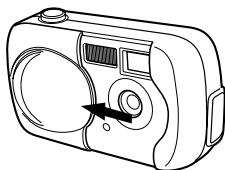
Note

- Digital zoom does not work in the  (movie) mode.
- The camera enters the still picture shooting mode when the lens barrier is closed.  “ALL RESET - Saving the settings” (P. 84)
- During movie recording, the flash is disabled.
- It takes longer to store movies than still pictures.
- The seconds remaining varies depending on the record mode and the amount of space available on the card.
- You cannot record movies with sound.

Zoom (Digital zoom)

You can enlarge your subject when shooting by 1.3, 1.6, 2.0 or 2.5 times.

1 Open the lens barrier fully.



2 Press Δ.

- The monitor turns on and the zoom bar appears. The subject is magnified by 1.3 times.



The cursor moves on the zoom indicator according to the zoom magnification.

3 Press Δ ∇ while looking at the image on the monitor.

- Each time you press Δ, the zoom magnification changes in the following sequence:
1 time → 1.3 times → 1.6 times → 2.0 times → 2.5 times.
- Each time you press ∇, the zoom magnification changes in the following sequence:
2.5 times → 2.0 times → 1.6 times → 1.3 times → 1 time.
- The zoom magnification changes continuously while holding down Δ or ∇.

4 Take the picture.



- Pictures taken with the digital zoom may appear grainy.
 - Camera movement is likely to occur at higher magnifications.
- Note
- Turning the monitor off cancels the digital zoom.



Select the flash mode best suited to the light conditions and the effect you want to achieve.

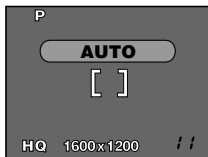
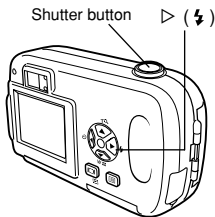
1 Open the lens barrier fully.

2 Press \blacktriangleright (⚡).

- The monitor turns on.
- The current flash setting is displayed.

3 Press \blacktriangleright again to set the flash mode.

- Each time you press \blacktriangleright , the flash mode changes in the following sequence:
"AUTO" – "👁️ Red-eye reduction" – "⚡ Fill-in flash" – "🚫 Flash off".



4 Press the shutter button halfway.

- When the flash fires, the orange lamp lights steady.

5 Press the shutter button fully to take the picture.

Flash working range: 0.2 - 3.3 m (0.7 - 10.8 ft)



TIPS

The orange lamp blinks.

→ The flash is charging. Wait until the lamp goes off.



Note

- The flash does not fire in the movie record mode or during Panorama shooting.

● **Auto-flash (No indication)**

The flash fires automatically in low light or backlight conditions. To shoot a subject with backlight, position the AF target mark over the subject.

● **Red-eye reduction flash (👁)**

The light from the flash may make the subject's eyes appear red in the picture. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash. This helps accustom the subject's eyes to the bright light and minimizes the red-eye phenomenon.



The subject's eyes appear red.



Note

- After the pre-flash, it takes about 1 second before the shutter is released. Hold the camera firmly to avoid camera movement.
- Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

● **Fill-in flash (⚡)**

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).



Note

- The fill-in flash may not have the desired effect under excessively bright light.

● Flash off (🚫)

The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited, such as in an art museum. You can also use this mode when you want to shoot a natural-looking twilight or night scene.



Note

- Since a slow shutter speed is automatically selected in low light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.

4 Advanced shooting

Macro mode shooting



The macro mode allows you to shoot at a distance of 20 cm to 50 cm (0.7 ft. to 1.6 ft.) from your subject.

You can also shoot subjects which are at a distance of over 50 cm (1.6 ft.). However, compared to shots between 20 cm and 50 cm, the camera may take more time to focus on the subject.



Normal shooting



With the macro mode

4

Advanced shooting

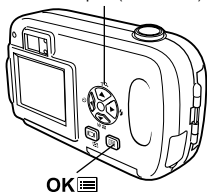
- 1 Open the lens barrier fully.
- 2 In the shooting mode top menu, select **MODE MENU** → **CAMERA** → → **ON**, and press **OK** .

"How to use the mode menu" (P. 30)

- Press **OK** again to exit the menu.

- 3 Take the picture while viewing the monitor.

Arrow pad (△▽◀▶)



Note

- If you are close to a subject, the picture in the viewfinder is different from the area that the camera actually records. For macro mode shooting, we recommend using the monitor.
- If you use the flash in macro shooting, shadows may be conspicuous and the correct exposure may not be achieved. Check the recorded image on the monitor.



This function lets you take pictures using the self-timer. Fix the camera securely on a tripod or set it on a level surface for self-timer shooting. This function is useful for taking pictures where you want to be included in the photograph.

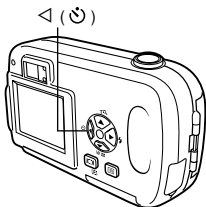
1 Open the lens barrier fully.

2 Press \triangleleft (☺).

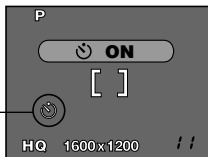
- The monitor turns on.

3 Press \triangleleft again to set the self-timer mode.

- The setting changes between ☺ OFF and ☺ ON each time \triangleleft is pressed. When the self-timer mode is selected, ☺ is displayed on the monitor.

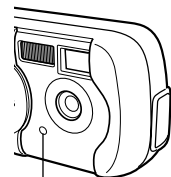


Self-timer mark



4 Take the picture. Press the shutter button to start the timer and take the picture.

- The self-timer lamp lights for approximately 10 seconds, then starts blinking. After blinking for approximately 2 seconds, the picture is taken.
- The self-timer mode is automatically canceled after one shot.



Self-timer lamp

Selecting the metering area (Spot metering)



In a backlight situation, your subject may appear dark if the picture is taken with the normal metering value (center-weighted average light metering). In this case, by changing the metering area to the center of the viewfinder (spot metering), a subject can be shot with optimal exposure regardless of the background light.

OFF:



Meters the entire viewfinder to obtain the optimum exposure. (No indication is displayed on the monitor.)


ON (spot metering):

Meters only the center of the viewfinder to obtain the appropriate exposure for a subject there.

4

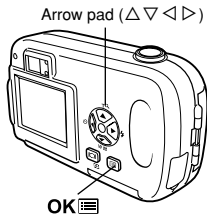
Advanced shooting

- 1 In the shooting mode top menu, select MODE MENU → CAMERA →  → ON, and press OK .**

 "How to use the mode menu" (P. 30)

- Press OK  again to exit the menu.


- 2 Take the picture.**



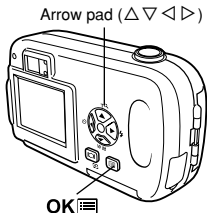
PANORAMA - Panorama shooting

You can take advantage of panorama shooting with the Olympus xD-Picture Card. Panorama shooting lets you connect pictures with overlapping edges into a single panoramic picture, using the CAMELIA Master software contained on the CD-ROM provided.

- 1** In the shooting mode top menu, select **MODE MENU** → **CAMERA** → **PANORAMA**, and press **▷**.

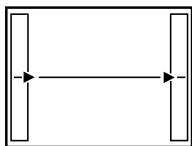
 "How to use the mode menu" (P. 30)

- The monitor turns on.
- The PANORAMA mode is set.

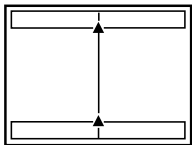


- 2** On the monitor, use the arrow pad to choose the direction you want the pictures connected.

- ▷ : Connects the pictures from left to right.
- ◁ : Connects the pictures from right to left.
- △ : Connects the pictures from bottom to top.
- ▽ : Connects the pictures from top to bottom.



Connects pictures from left to right.



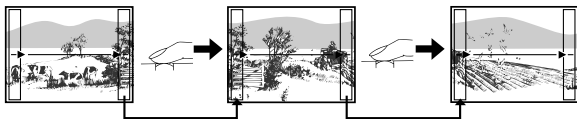
Connects pictures from bottom to top.

4

Advanced shooting

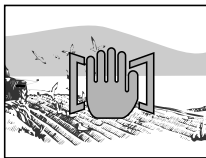
3 Make sure that the edges of the pictures overlap, then take your pictures.

- Focus, exposure and white balance are set by the first picture. Do not select an extremely bright subject (such as the sun) for the first picture.
- Panorama shooting is possible for up to 10 pictures.



When shooting, make sure that the edges (right/left/top/bottom) of the images overlap, so that the CAMEDIA Master software can correctly connect the pictures.

- When you have taken 10 pictures, a warning mark is displayed.



4 Press OK to finish panorama shooting.

- The frame on the screen disappears and the camera returns to the normal shooting mode.



- The panorama mode is only available with Olympus xD-Picture Card.
- Note
- Your computer's memory may be insufficient if you take too many panorama pictures in HQ or SHQ mode. You are recommended to use SQ1/SQ2 mode for panorama shooting.
 - During panorama shooting, the flash is not available.
 - The camera itself cannot connect panorama pictures. The CAMEDIA Master software is necessary to connect the pictures.

This function allows you to combine two pictures taken in succession and store them as a single picture. You can combine two different subjects in one picture.



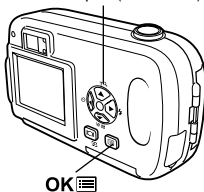
Picture when played back

- 1 In the shooting mode top menu, select MODE MENU → CAMERA → 2 IN 1, and press \blacktriangleright .**

"How to use the mode menu" (P. 30)

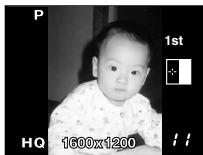
- The monitor turns on.
- The two-in-one picture mode is set.

Arrow pad ($\blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright$)



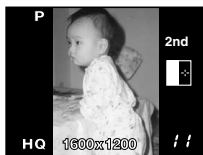
- 2 Take the first shot while observing your subject on the monitor.**

- The subject will be positioned on the left in the combined picture.



- 3 Take the second shot.**




- The subject will be positioned on the right in the combined picture.
- The first and second shots are saved as a single picture.



Picture when shooting



Note

- When the battery power is exhausted ( blinks), the flash automatically turns off.
- The two-in-one picture mode is canceled when **OK**  is pressed or the lens barrier is closed. Press **OK**  to cancel the two-in-one picture mode after the first shot has been taken. The first picture will not be stored.

4

Advanced shooting

Changing the record mode



You can select a record mode in which to take pictures or shoot movies. Choose the best record mode for your purposes (printing, editing on a PC, website editing, etc.). For details of the different record modes, resolutions and number of pictures storable on the card, refer to the table on the next page.

Record mode	Description	Quality	File size
SHQ	<ul style="list-style-type: none">• A high quality mode.• Fewer images can be saved to a card.• Takes longer to store the images. Uses <ul style="list-style-type: none">• Good for printing.• Can be enlarged to A4 (210mm × 297mm / 8.3" × 11.7") size.• Good for processing on a PC.	Clearer ↑ ↓ Normal	Larger ↑ ↓ Smaller
	HQ		
SQ1/SQ2	<ul style="list-style-type: none">• The resolutions are smaller than in SHQ or HQ.• A standard quality mode.• More images can be saved to a card. Uses <ul style="list-style-type: none">• Attaching images to e-mail or simply viewing them on a PC.		


Still picture record modes

Record mode	Resolution (No. of pixels)	Memory capacity in number of shots (using a 16 MB card)
SHQ	1600 x 1200	11
HQ		32
SQ1	1024 x 768	76
SQ2	640 x 480	165

Movie record modes

Record mode	Resolution (Frames per second)	Memory capacity in seconds per movie
HQ	320 x 240 (15 frames/sec)	15 seconds
SQ	160 x 120 (15 frames/sec)	60 seconds

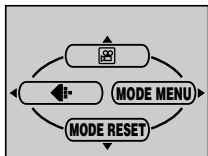
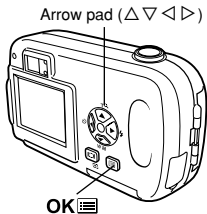
4**Advanced shooting**

- In the  mode, the total recording time is displayed on-screen. Total recording time depends on the memory capacity of the card.

**Note**

- The card memory capacity listed in the table is approximate.
- The number of remaining pictures may change according to the subject or factors like whether print reservations have been made or not. In certain instances, the number of remaining pictures displayed on the monitor may not change even when a picture is taken or a stored image is erased.

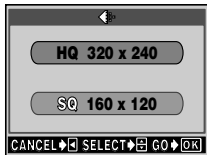
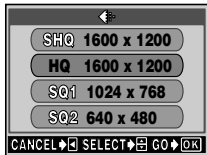
- 1** In the shooting mode top menu, press \triangleleft to select \leftarrow (P. 29).



- 2** Press $\triangle \nabla$ to select the desired record mode.

- For still pictures, you can choose from SHQ, HQ, SQ1 and SQ2.

- For movies, you can choose HQ or SQ.



- 3** Press OK \equiv .

- Press OK \equiv again to exit the menu.



TIPS

- **Resolution**

The number of pixels (horizontal x vertical) used when saving an image. If the image will be printed, higher resolutions (larger numbers) are recommended so that the image will be clearer. However, higher resolutions make the file size (amount of data) larger, so the number of pictures that can be saved will be fewer.

- **Pixels**

A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.


- **Resolution and picture size on a computer screen**


When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting. For instance, a picture taken in 1024×768 resolution is the same size as the screen if you set the picture to $1 \times$ when the monitor setting is 1024×768 . However, if the monitor setting is over 1024×768 (such as 1280×1024), the picture only takes up part of the screen.

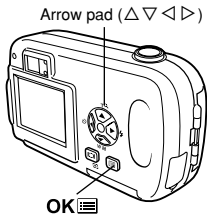
Varying the image brightness (Exposure compensation)



In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually. You can adjust the brightness in the range of ± 2.0 in $1/2$ steps.

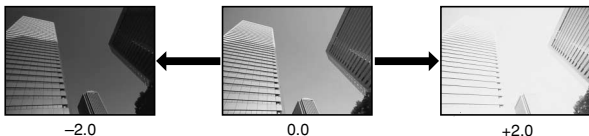
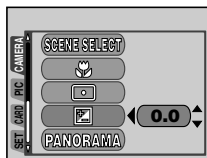
- 1 In the shooting mode top menu, select MODE MENU \rightarrow CAMERA \rightarrow , then press \triangleright .**

 "How to use the mode menu" (P. 30)



- 2 Press $\Delta \nabla$ to select the exposure compensation value.**

- Select a [+] value to brighten the image or a [-] value to darken the image.



- 3 Press OK .**

- Press OK  again to exit the menu.

- 4 Take the picture.**

4

Advanced shooting



TIPS -----

- Often bright subjects (such as snow) will turn out darker than their natural colors. Adjusting toward + makes these subjects closer to their real shades. For the same reason, adjust toward – when shooting dark subjects.



Note

- If the flash is used, the image brightness (exposure) may differ from the intended brightness (exposure).
- Exposure compensation cannot correct the image if the surroundings of the subject are extremely bright or dark.


Color reproduction differs depending on the light conditions. For instance, when daylight, the setting sun or tungsten lighting are reflected on white paper, the shade of white produced will be slightly different for each. By setting the WB (white balance), you can achieve more natural-looking colors.


- 1** In the shooting mode top menu, select **MODE MENU** → **PICTURE** → **WB** → **AUTO**, ☀, ☁, 🔦 or 📺.

☞ “How to use the mode menu” (P. 30)



- AUTO (No indication)** : The white balance is adjusted automatically so that colors look natural irrespective of the light source.
- ☀ **(Sunlight)** : For natural colors under a clear sky.
- ☁ **(Overcast)** : For natural colors under a cloudy sky.
- 🔦 **(Tungsten)** : For natural colors under tungsten lighting.
- 📺 **(Fluorescent)** : For natural colors under fluorescent lighting.

- 2** Press **OK** .

 - Press **OK**  again to exit the menu.

- 3** Take the picture.



Note

- White balance may not be effective under some special light sources.
- After setting a white balance mode other than AUTO, play back the picture and check the colors on the monitor.
- When the flash is fired with a white balance setting other than AUTO, colors may appear different in the resulting picture from the colors you see on the monitor.

5 Playback

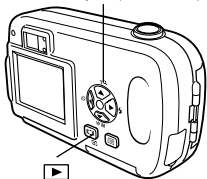
Viewing still pictures



1 Press with the lens barrier closed.

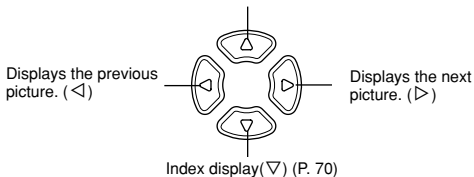
- The monitor turns on and displays the last picture taken. (Single-frame playback)

Arrow pad ($\Delta \nabla \triangleleft \triangleright$)



2 Use the arrow pad to play back other pictures.

Close-up playback (Δ) (P. 69)



3 Press to cancel playback.

- The monitor and camera turn off.




Note

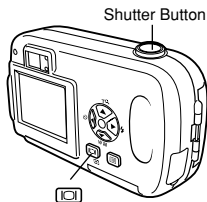
- If the camera is not used for over 3 minutes, it turns off automatically.

QUICK VIEW

This function lets you play back pictures while the camera is in the shooting mode. This is useful when you want to check shooting results and resume shooting quickly. Every function also can be used like normal playback.

1 Press  twice quickly (double-click) while in the shooting mode.

- The camera immediately enters the playback mode and displays the last picture taken. (Single-frame playback)




2 Press the shutter button halfway to return to the shooting mode.

- The camera returns to shooting mode, and is ready to take pictures.
- If the shutter button is pressed all the way, a picture will be taken.



Close-up playback

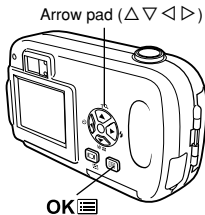
Pictures displayed on the monitor can be enlarged in steps up to 4 times the original size.

1 Use the arrow pad () to display the still picture you want to enlarge.

- You cannot enlarge pictures with .

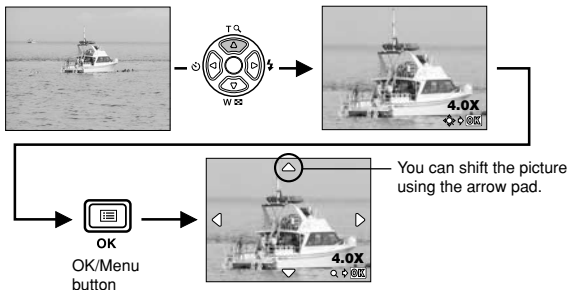
2 Press .

- The picture is enlarged.
- Each time you press , the picture is enlarged by the following magnifications: 1.5 X → 2 X → 2.5 X → 3 X → 3.5 X → 4.0 X.
- To return to the original size (1 X), press .



3 Press OK when the picture is enlarged. The screen enters the scroll mode. By pressing the arrow pad, you can shift the picture in the up, down, left or right direction. To exit the scroll mode, press OK again.

4 After you exit the scroll mode, press to return to the original size (1 X).








Note

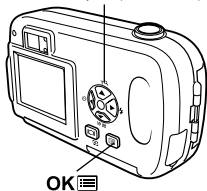
- Pictures cannot be stored in an enlarged state.


Index display

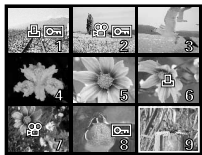
This function lets you show several pictures at the same time on the monitor. The number of pictures shown can be 4, 9 or 16.

- 1** In the single-frame playback mode, press .

Arrow pad (   )






- Use the arrow pad to select the picture.
- ◀ : Moves to the previous frame.
- ▶ : Moves to the next frame.
- To return to single-frame playback, press .






● Selecting the number of pictures

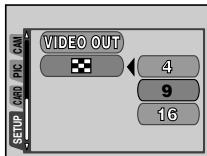
This function lets you select the number of pictures in an index display from 4, 9 and 16.

- 1** In the playback mode top menu, select **MODE MENU** → **SETUP** → , and press .

 "How to use the mode menu" (P. 30)


- 2** Press   to choose the number of pictures (4, 9 or 16), then press **OK** .

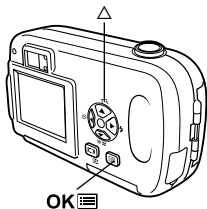
- Press **OK**  again to exit the menu.





Slideshow


This function displays still pictures stored on the card one after another. Only the first frame of movies is played back.

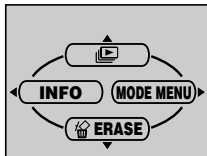
- 1 Display a still picture, then press **OK**  to display the top menu.



- 2 Press **Δ** () to start the slideshow.

- 3 Press **OK**  to stop the slideshow.

- The slideshow will not stop until you cancel it by pressing **OK** .





Note


- You are recommended to use the optional AC adapter when running a slideshow for a long period of time. If the battery is used, the camera will stop the slideshow after about 30 minutes and turn off.

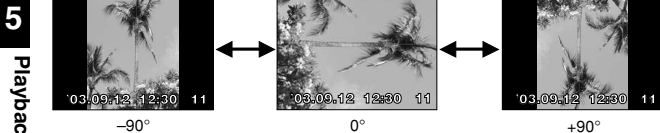
Picture Rotation

Pictures taken with the camera held vertically are displayed horizontally. This function lets you turn such pictures 90 degrees clockwise or counterclockwise so that they are displayed vertically.

1 In the playback mode top menu, select **MODE MENU** → **PLAY** → , and press .

2 Press   and select **0°**, **+90°** or **-90°**.

- The picture is rotated and saved that way.
- To close the menu, press **OK**  twice.



Note

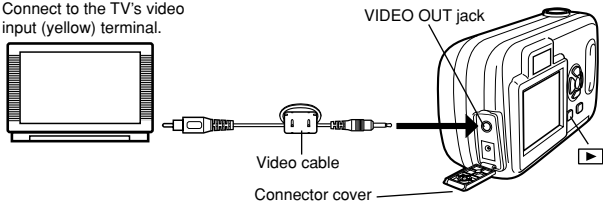
- The following pictures cannot be rotated.
Movies, protected pictures, pictures edited on a PC, pictures taken with another camera.
- New picture orientations are saved even when the camera is turned off.


Playback on a TV

Use the Video cable provided with the camera to play back recorded images on your TV.

- 1 Make sure that the camera and the TV are turned off.**
Connect the Video cable to the VIDEO OUT jack on the camera and the video input terminal on the TV.

Connect to the TV's video input (yellow) terminal.



- 2 Turn the TV on and switch to the video input mode.**
 - For details of switching to video input, refer to your TV's instruction manual.
- 3 Press .**
 - The last picture taken is displayed on the TV. Use the arrow pad to select the picture you want to display.
 - The close-up playback, index display and slideshow functions can also be used on a TV screen.




TIPS

- You are recommended to use the optional AC adapter when using the camera with a TV.



Note

- Make sure that the camera's video output signal type is the same as the TV's video signal type.  "VIDEO OUT - Video output selection" (P. 92)
- The camera's monitor turns off automatically when the Video cable is connected to the camera.
- Be sure to use the Video cable provided to connect the camera to the TV.
- The picture may appear off-center on the TV screen.
- When pictures are compressed in order to fit the entire picture on the TV screen, a black frame may appear around the picture. If the picture is output to a video printer via the TV, the black frame may be printed.
- When images are played back on a PAL-system TV, their size on the screen will be smaller.



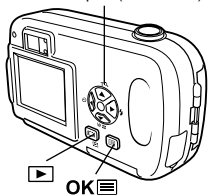
- 1** Press with the lens barrier closed.

• The monitor turns on.

- 2** Use the arrow pad to display the picture with .

"Viewing still pictures" (P. 67)

Arrow pad ()



mark



- 3** Press OK .

• The top menu is displayed.

- 4** Press to select MOVIE PLAY.



5 Press Δ / ∇ to select **PLAYBACK**, then press **OK**.

- The movie is played back.
- After playback, the menu is displayed.

PLAYBACK : Plays back the entire movie again.

FRAME BY

FRAME : Plays back the movie manually one frame at a time.

EXIT : Leaves the movie playback mode.

Press Δ / ∇ to select from **PLAYBACK**, **FRAME BY FRAME** or **EXIT**, then press **OK**.



●When **FRAME BY FRAME** is selected

- Δ : Displays the first frame of the movie.
- ∇ : Displays the last frame of the movie.
- \triangleright : Displays the next frame. The movie can be displayed continuously by holding the button down.
- \triangleleft : Displays the previous frame. The movie can be displayed continuously in reverse by holding the button down.
- OK** : Displays the **MOVIE PLAY** menu.



TIPS

- Movies can also be played back in the shooting mode using **QUICK VIEW**. \leftarrow "QUICK VIEW" (P. 68)



Note

- When playing back a movie, the access time will vary depending on the length and record mode of the movie.

You are recommended to protect important pictures to avoid accidentally erasing them. Protected pictures cannot be erased by the single-frame/all-frame erase function.

1 Press with the lens barrier closed.

- The monitor turns on.

2 Use the arrow pad to display the picture you want to protect.

- ☞ “Viewing still pictures” (P. 67)

3 Press .

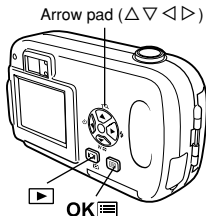
- The top menu is displayed.

4 In the top menu, select **MODE MENU → **PLAY** → , and press .**

- ☞ “How to use the mode menu” (P. 30)

5 Press to select **ON, then press .**

- To cancel protection, select OFF.



Displayed when a picture is protected.



Note

- Protected pictures cannot be erased by the single-frame/all-frame erase function, but they are all erased by formatting.



Recorded pictures can be erased. There are two types of erase: Single-frame erase, which erases only the picture that is displayed on the monitor, and all-frame erase, which erases all the pictures on the card.

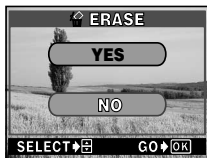
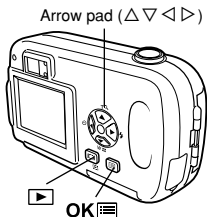


- You cannot erase pictures that are protected. Cancel the protection before erasing such pictures.
- Note
- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep. "Protecting pictures" (P. 76)

Single-frame erase


This function erases the picture that is displayed on the monitor.


- 1 Press .**
 - The monitor turns on.
- 2 Use the arrow pad to display the picture you want to erase.**
 "Viewing still pictures" (P. 67)
- 3 Press OK .**
 - The top menu is displayed.
- 4 Press to select .**
- 5 Press to select YES, then press OK .**
 - The picture is erased and the menu is closed.

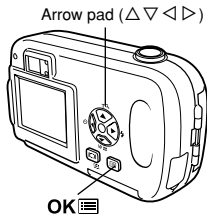





All-frame erase

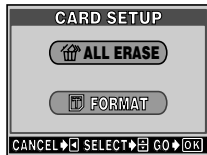
This function erases all the pictures on the card.



- 1** In the playback mode top menu, select **MODE MENU** → **CARD** → **CARD SETUP**, and press .

 "How to use the mode menu" (P. 30)



- 2** Press  to select  **ALL ERASE**, then press .



- 3** Press  to select **YES**, then press .

- All the pictures are erased. Protected pictures are not erased.




Editing still pictures

This function lets you edit still pictures and store them as new pictures. The following editing operations are possible.

BLACK&WHITE : Converts pictures into black and white pictures and stores them as new pictures.

SEPIA : Converts pictures into sepia-toned pictures and stores them as new pictures.

 : Changes the picture size to 640 x 480 or 320 x 240 and stores the picture as a new picture.

1 Press  with the lens barrier closed.

- The monitor turns on.

2 Use the arrow pad to display the still picture you want to edit.


- ☞ "Viewing still pictures" (P. 67)

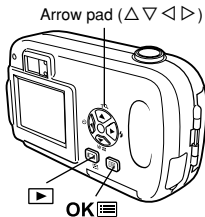
3 Press **OK** .

- The top menu is displayed.

4 In the top menu, select **MODE MENU** → **EDIT**, then choose each item.

- ☞ "How to use the mode menu" (P. 30)


- Select **BLACK&WHITE** (See below).
- Select **SEPIA** ☞ P. 80
- Select  ☞ P. 80



Creating black and white pictures

5 Select **BLACK&WHITE**, then press .

6 Press   to select **BLACK&WHITE**, then press **OK** .

- The **BUSY** bar is displayed, then the camera returns to the playback mode. The black and white picture is stored as a separate picture from the original.
- To cancel the editing, select **CANCEL** and press **OK** .





Note

- You cannot create black and white movies.
- You cannot create a black and white picture if there is insufficient memory space on the card.

Creating sepia-toned pictures

5 Select **SEPIA**, then press \blacktriangleright .

6 Press \triangle / ∇ to select **SEPIA**, then press **OK**

- The BUSY bar is displayed, then the camera returns to the playback mode. The sepia-toned picture is stored as a separate picture from the original.
- To cancel the editing, select **CANCEL** and press **OK** .



Note

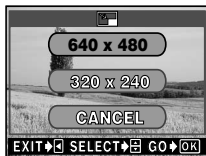
- You cannot create sepia-toned movies.
- You cannot create a sepia-toned picture if there is insufficient memory space on the card.

Resizing pictures

5 Select , then press \blacktriangleright .


6 Press \triangle / ∇ to select the new picture size, then press **OK** .

- The BUSY bar is displayed, then the camera returns to the playback mode. The newly created picture is stored as a separate picture from the original.
- To cancel the resizing, select **CANCEL**, and press **OK** .






Note

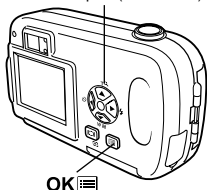
- Resizing is not possible in the following cases.
Movies, pictures edited on a PC, or when there is insufficient memory space on the card.
- If the size of a picture is 640 x 480 or smaller, you cannot select 640 x 480.
- If the size of a picture is 320 x 240, you cannot select  .


INDEX - Creating an index

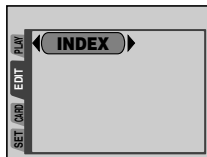
9 frames extracted from the recorded movie are displayed as an index to show the movie at one glance. Indexes can be stored on the card as still pictures.


- 1 Use the arrow pad to select a picture with .

Arrow pad ($\Delta \nabla \triangleleft \triangleright$)

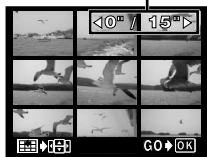


- 2 In the top menu, select MODE MENU \rightarrow EDIT \rightarrow INDEX, then press \triangleright .
 "How to use the mode menu" (P. 30)




- 3 Press $\Delta \nabla \triangleleft \triangleright$ to select the first frame for the index, then press OK .

Elapsed time/Total time



First-frame selection screen

- 4 Press $\Delta \nabla \triangleleft \triangleright$ to select the last frame for the index, then press OK .





Last-frame selection screen

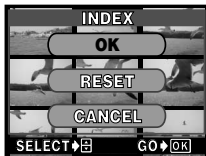
5 Press Δ / ∇ to select OK, then press

OK .

- The 9 frames extracted from the movie appear as an index display, then the camera returns to the playback mode. The index is stored as a new picture.

RESET : If you want to choose different frames, select RESET, press **OK** , and then repeat from step 3.

CANCEL : To cancel your selections, select CANCEL and press **OK** .



TIPS

- The index is stored as a still picture in a different record mode from the original movie.

Record mode when the movie was shot	Record mode when stored as an index
HQ	SQ1 (1024 x 768 pixels)
SQ	SQ2 (640 x 480 pixels)



Note





- The interval between the frames that are automatically picked out varies depending on the length of the movie.
- An index consists of 9 frames.
- You cannot create an index if there is insufficient memory space on the card.

5



Playback

6 Useful functions

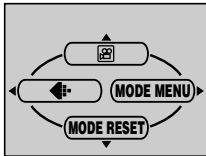
MODE RESET - Restoring the factory default settings

This function lets you restore functions (exposure compensation, white balance, etc.) to the factory default settings. When MODE RESET is set in the  (movie) mode, the camera returns to the  **PHOTO** (still picture shooting) mode. The following settings are not reset: Settings in the MODE MENU's SETUP tab (ALL RESET, , REC VIEW, , etc.)

1 In the shooting mode top menu, press  to select **MODE RESET** (P. 29).

2 Press   to select **ALL RESET**, then press **OK** .

• Press **OK**  again to exit the menu.




ALL RESET - Saving the settings


This function lets you choose whether or not to save the current camera settings after the power is turned off. The settings affected by ALL RESET are listed on next page.

ALL RESET is available in both the shooting mode and playback mode.


ON : All settings are returned to the factory default settings after the power is turned off.


Example: If ALL RESET is ON, even if the  setting is SQ1 when the camera is turned off, it will be at HQ when the camera is turned on again.

OFF : The settings made before the power is turned off are saved.

The ALL RESET setting (ON/OFF) applies to all the modes. If ALL RESET is set to OFF in one shooting mode, this setting applies to all other shooting modes, as well as the playback and  modes.

ALL RESET does not affect items included in the MODE MENU's SETUP tab even when set to ON.

1 In the top menu, select **MODE MENU** → **SETUP** → **ALL RESET** → **OFF** or **ON**, and press **OK** .

 "How to use the mode menu" (P. 30)

• Press **OK**  again to exit the menu.

●Settings that ALL RESET returns to their factory default settings

Function	Factory default setting	Ref. page
Monitor	OFF	P. 41
Shooting mode	PHOTO (still picture shooting mode)	P. 37
SCENE SELECT	P (Program auto)	P. 37
Digital zoom	1X	P. 48
FLASH	AUTO	P. 49
	0.0	P. 63
WB	AUTO	P. 65
	HQ	P. 59
	OFF	P. 52
	OFF	P. 54

CARD SETUP - Formatting cards



6

Useful functions

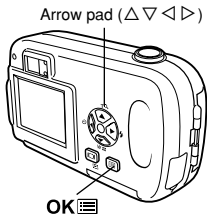
This function lets you format a card. Formatting prepares cards to receive data. Before using non-Olympus cards or cards which have been formatted on a PC, you must format the card with this camera.





All existing data, including protected pictures, are erased when the card is formatted. Make sure that you save or transfer important data to a PC before formatting a used card.

- 1** In the top menu, select **MODE MENU** → **CARD** → **CARD SETUP**, and press .

"How to use the mode menu" (P 30)

- Shooting mode
The **FORMAT** screen is displayed.
- Playback mode
The **CARD SETUP** screen is displayed.

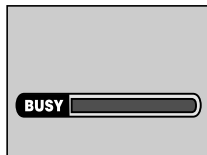


- 2** If the  **FORMAT** screen is displayed, press $\triangle \nabla$ to select **YES**.
If the **CARD SETUP** screen is displayed, press $\triangle \nabla$ to select  **FORMAT**, then press **OK** .
- When the  **FORMAT** screen appears, press $\triangle \nabla$ to select **YES**.



- 3** Press **OK** .

- The **BUSY** bar is displayed and the card is formatted.



6



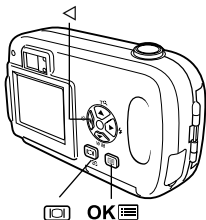
Note

Never do the following during formatting, as they may cause the card to malfunction.

- Open the card cover.
- Open the battery compartment cover.
- Connect or disconnect the AC adapter.

This function lets you display detailed shooting information on the monitor for 3 seconds in the playback mode. For details of the information displayed, see "Monitor indications" (P. 9).

- 1 Pressing \triangleleft in the playback mode top menu displays the full amount of shooting information on the monitor (ON) (P. 29).**



- To turn INFO off, press **OK** \equiv to bring up the top menu and press \triangleleft (OFF).



When INFO is ON



When INFO is OFF

REC VIEW - Viewing a picture immediately after shooting

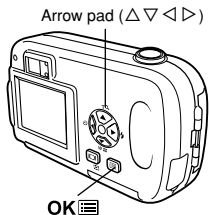
You can choose whether or not to display the picture you have just taken on the monitor.

- ON** : The picture being recorded to the card is displayed. This is useful for making a brief check of the picture you have just taken. You can resume shooting anytime during REC VIEW.
- OFF** : The picture being recorded to the card is not displayed. This is useful when you want to prepare for your next shot while the previous picture is being recorded.

- 1** In the shooting mode top menu, select **MODE MENU** → **SETUP** → **REC VIEW** → **OFF** or **ON**, and press **OK**.

☞ "How to use the mode menu" (P. 30)

- Press **OK** again to exit the menu.



6

Useful functions

Adjusting the monitor brightness



You can adjust the brightness of the monitor according to the surrounding conditions to make it easier to see.

- 1** In the top menu, select **MODE MENU** → **SETUP** → **!**, and press **▶**.

☞ "How to use the mode menu" (P. 30)

- 2** Press **Δ ∇** to adjust the brightness while observing the monitor. Pressing **Δ** brightens the monitor, and pressing **∇** darkens it. Press **OK**.

- The monitor brightness is set.
- Press **OK** again to exit the menu.

Turning the beep sound off



This function lets you turn on/off the beep sound used for warnings, etc. The beep sound can be adjusted in either the shooting mode or the playback mode.

ON : There is a beep for warnings.

OFF : There is no beep for warnings.

- 1 In the top menu, select **MODE MENU** → **SETUP** → → **OFF** or **ON**, and press **OK** .

"How to use the mode menu" (P. 30)

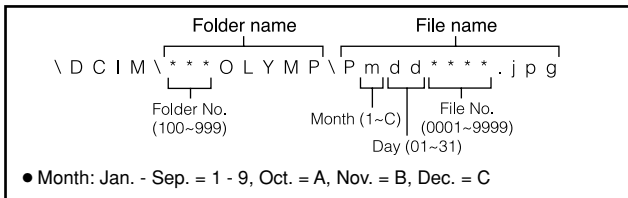
- Press **OK** again to exit the menu.

Arrow pad (△▽◀▶)



FILE NAME

The camera automatically creates file names and folder names for images. Examples are shown below.



There are two choices here: **RESET** or **AUTO**. Choose the one that is best for you when transferring images to a computer.


■ RESET

When RESET is selected, the file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to No. 100, and the file number returns to No. 0001. This is useful when grouping files on separate cards.

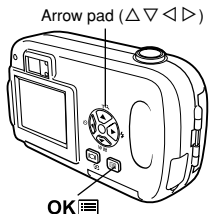
■ AUTO

When AUTO is selected, the same folder number is retained, but the file number continues from the previous card, so that the same file number is not used on different cards. This helps you to manage multiple cards. This is useful when a group of files stretches over more than one card.

- 1 In the shooting mode top menu, select MODE MENU → SETUP → FILE NAME → RESET or AUTO. Press OK.**

 "How to use the mode menu" (P. 30)

- Press **OK** again to exit the menu .



6



Note


- After the file number reaches 9999, it returns to 0001, and the folder number also changes (for example, from No. 100 to No. 101).
- When both the folder and file numbers reach their maximum (999/9999), you cannot store any more pictures, even if the card is not full yet. Insert a different card.

PIXEL MAPPING

The Pixel Mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait a few minutes after the monitor is used or continuous shots are taken to allow for proper performance of the Pixel Mapping function.

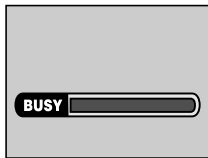
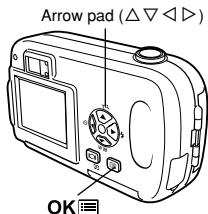
1 In the shooting mode top menu, select MODE MENU → SETUP → PIXEL MAPPING, and press \blacktriangleright .

- START is displayed.

 "How to use the mode menu" (P. 30)

2 Press OK .

- The BUSY bar is displayed during Pixel Mapping. When Pixel Mapping is finished, the screen returns to the mode menu.



Note

- If you accidentally turn the camera off during Pixel Mapping, start again from step 1.


6

Useful functions

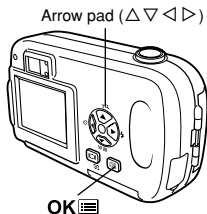
VIDEO OUT - Video output selection

You can select NTSC or PAL according to your TV's video signal type. Set the video output before connecting the video cable to the camera. If you use the wrong video signal type, you will not be able to play back the recorded pictures properly on your TV. You can change the NTSC/PAL setting in either the shooting mode or the playback mode.

- 1 In the top menu, select MODE MENU → SETUP → VIDEO OUT → NTSC or PAL, and press OK.**

 "How to use the mode menu" (P. 30)

- Press **OK** again to exit the menu.
- The factory default setting varies depending on the area where you purchased this camera.



TIPS

• TV video signal types & main regions

Check the video signal type before using the camera.

NTSC : Japan, Taiwan, Korea, North America

PAL : European countries, China

• NTSC (National Television Systems Committee) / PAL (Phase Alternating Line)

Television formats.

7 Print settings

How to print pictures



Several different printing options are available when you want to print out pictures.

● **Printing at a photo lab that supports DPOF or printing on a DPOF-compatible printer**

Store the print reservation data on the card. Print reservation allows you to save printing data (number of prints, date/time information, etc.) with the pictures stored on the card.

● **What is DPOF?**

DPOF is short for Digital Print Order Format. DPOF is the format used to record automatic print information from digital cameras.

If a card containing print reservation data is taken to a photo lab that supports the DPOF format, the pictures can be printed according to the DPOF reservations. Or pictures can be printed out at home on a personal DPOF-compatible printer.

● **Printing on an Olympus P-400, or P-200 digital color printer**

Printing is possible on specified printers without using a PC. For more details, refer to the printer's instruction manual.

An xD-Picture Card cannot be inserted into the printer without a specified card adapter (sold separately).

● **Transferring pictures to a PC and printing them from a printer connected to the PC**

If your PC has software applications installed that support JPEG images (Internet browser, Paint Shop Pro, Photoshop, etc.), you can print out your pictures on a printer connected to the PC. (Printing is also possible using CAMEDIA Master software.) Check your software before printing. For details, refer to the application software's instructions.

For instructions on how to transfer images, or connect the camera to a PC, see "DIGITAL CAMERA-PC CONNECTION OPERATION MANUAL" on the CD-ROM.


**TIPS**

- **JPEG (Joint Photographic Experts Group)**



A compression format for color still images. Photographs (images) shot using this camera are recorded onto the card in JPEG format when the record mode is set to SHQ, HQ or SQ. By downloading these images to a personal computer, users can edit them using graphics application software or view the images using an Internet web browser.

- **Picture size and printing**

The resolution of a computer/printer is generally based on the number of dots (pixel) per inch. This is called dpi (dots per inch). The higher the dpi value, the better the printed results. Keep in mind, however, that the dpi of the picture does not change. This means that when you print an image with a higher resolution, the size of the printed picture will be smaller. Although you can print magnified images, picture quality will decrease.

If you want to print large, high-quality pictures, set the record mode as high as possible when taking the pictures.  "Changing the record mode" (P. 59)

**Note**

- DPOF reservations set by another device cannot be changed by this camera. Make changes using the original device.
- If a card contains DPOF reservations set by another device, entering reservations using this camera may overwrite the previous reservations.
- DPOF reservations can be performed for only the first 999 frames on a card.
- If the card is full, print reservation is not available. "CARD FULL" is displayed.
- Even if an image appears with the message "PICTURE ERROR", it may be possible to make print reservations. In such a case, the print reservation icon () does not appear when an image is displayed for full view.  appears when multiple images are displayed (index-display mode), allowing you to confirm the print reservation.
- Not all functions may be available on all printers or at all photo labs.
- Print reservation may take considerable time when saving printing data to a card.

Use this feature to print all the pictures stored on the card. You can set the number of prints and whether or not to include the shooting date and time.

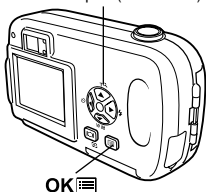
1 Play back a still picture.

- You cannot print pictures with .

2 In the top menu, select **MODE MENU** → **PLAY** → , and press **▷**.

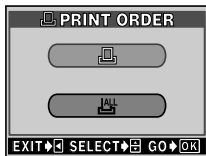
- If print reservation data is already stored on the card, the PRINT ORDER SETTING screen appears, giving you the choice of resetting the data or keeping it. Select **RESET** and press **OK**.

Arrow pad (△▽◀▶)



3 Press **△▽** to select , then press **OK**.

- The screen is displayed.



4 Press **△▽** to select x (number of prints) or (date/time), then press **▷**.

■ Set the number of prints

Press **△▽** to set the number of prints, then press **OK**.

△: Increases the number.

▽: Decreases the number.

■ Set the date/time printing options

Press **△▽** to select **NO**, **DATE** or **TIME**, then press **OK**.

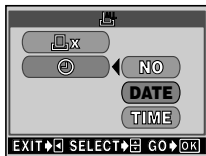
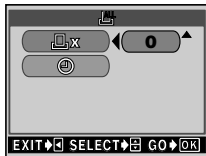
NO : The pictures are printed without the date and time.

DATE : All the pictures are printed with the shooting date.

TIME : All the pictures are printed with the shooting time.

Press **OK** again.

- The print reservation data is stored on the card and the screen returns to the playback menu.





Use this feature to print only selected pictures. This function can also alter details (number of prints, date, etc.) of previously made reservations.

Display the picture to be printed and select the desired number of prints.

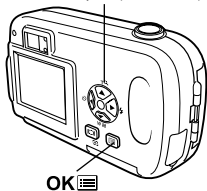
1 Play back a still picture.

- You cannot print pictures with .

2 In the top menu, select MODE MENU → PLAY → , and press .

- If data is already stored on the card, the PRINT ORDER SETTING screen appears, giving you the choice of resetting the data or keeping it. Select KEEP and press **OK** .

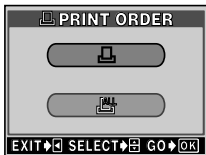
Arrow pad ()



3 Press to select , then press **OK** .

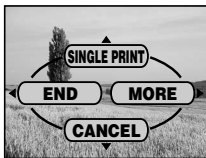
4 Press to select the frame you want to print. Press **OK** .

- You can also use the index display to select the frame. "Index display" (P. 70)



5 Press to select the following.

- MORE** : Sets the number of prints and date/time options. Go to step 6.
- SINGLE PRINT** : Prints a single frame. The date/time setting is not available. Go to step 7.
- CANCEL** : Cancels print reservation for the current frame. "Resetting print reservation data" (P. 98).
- END** : Completes the print reservation. Go to step 10.



6 Press Δ / ∇ to select \square x (number of prints) or \odot (date/time) then press \triangleright .

- \square x : See below.
- \odot : See below.

■ Set \square x (number of prints)

Press Δ / ∇ to set the number of prints, then press **OK**.

Δ : Increases the number.

∇ : Decreases the number.

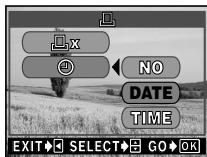
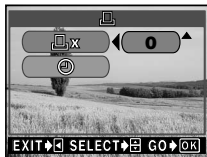
■ Set \odot (date/time printing options)

Press Δ / ∇ to select NO, DATE or TIME, then press **OK**.

NO : The pictures are printed without the date and time.

DATE : The shooting date is added to all pictures with print reserve.

TIME : The shooting time is added to all pictures with print reserve.



7 After setting \square x and \odot , press **OK**.
Print reservation is set and the screen in step 4 is restored.

- \square appears on the current frame.



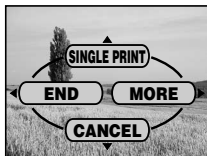
8 Press **OK** to display the single-frame reservation menu.

9 Press \triangleleft to select **END**.

- The PRINT ORDER screen appears.

10 Press \triangleleft repeatedly until the **MODE MENU** appears.


- Press **OK** to exit the menu.






Resetting print reservation data










This function allows you to reset the print reservation data for pictures stored on the card. There are two ways to reset print reservation: you can reset all print reservation data or you can reset the print reservation data for only the frames you do not need.


1 Display a still picture with  .

2 In the top menu, select **MODE MENU** → **PLAY** → , and press  .


- If print reservation data is already stored on the card, the  **PRINT ORDER SETTING** screen appears.






3 To reset all print reservation data, press   to select **RESET**, then press  .
 Go to step 8.






To reset only the print reservation data for the frames that you do not need, press   to select **KEEP**, then press  .

- If there is no print reservation data stored on the card, the  **PRINT ORDER SETTING** screen does not appear.




 **PRINT ORDER SETTING** Screen

4 Press   to select  on the  **PRINT ORDER** screen, then press  .

5 Press     to display the frame whose print reservation data you want to reset, then press  .


- The single-frame reservation menu is displayed.

6 Press  to select **CANCEL**.

- Print reservation is canceled, and the screen in step 5 is restored.
-  disappears.

7 If you are finished resetting print reservation data, press  to display the single-frame reservation menu. Press  .









8 Press  repeatedly until the **MODE MENU** appears.

- Press  to exit the menu.



8 Miscellaneous

Error codes





Monitor indication	Possible cause	Corrective action
 NO CARD	The card is not inserted, or it cannot be recognized.	<ul style="list-style-type: none"> Insert a card correctly or insert a different card. If the card is dirty, wipe the gold contacts with a clean tissue and insert it again. If the problem is still not corrected, the card cannot be used.
 CARD ERROR	There is a problem with the card, so the camera will not function.	Insert a different card.
 WRITE-PROTECT	Writing to the card is prohibited.	Read-only has been set using a computer. Use the computer again to cancel the read-only setting.
 CARD FULL	The card is full. No more pictures can be taken or no more information such as print reservation can be recorded.	Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.
 NO PICTURE	There are no pictures on the card.	The card contains no pictures. Record pictures.
 PICTURE ERROR	There is a problem with the selected picture, so it cannot be played back on this camera.	Use image processing software to view the picture on a PC. If that cannot be done, the image file is damaged.
	The card is not formatted.	Format the card.
 CARD COVER OPEN	The card cover is open.	Close the card cover.

Troubleshooting

Possible cause	Corrective action	Ref. Page
The camera does not work or the monitor does not turn on.		
The power is off.	Open the lens barrier fully to turn on the camera.	P. 21
The batteries are loaded incorrectly.	Reload the batteries correctly.	P. 14
The battery is exhausted.	Replace the batteries with new ones.	P. 14
The battery is temporarily unable to function because of the cold.	Warm the battery by putting it in your pocket for a while.	—
The camera is in the sleep mode.	Operate the camera (press the shutter button or the arrow pad).	P. 21
There is condensation * inside the camera	Wait until the camera dries before turning it on again.	—
The camera is connected to a PC.	The camera will not operate while it is connected to a PC.	—

* Condensation: When it is cold outside, the water vapor in the air is rapidly cooled and turns to droplets of water. Condensation occurs when the camera is suddenly taken from a cold place into a warm room.

Possible cause	Corrective action	Ref. Page
No picture is taken when the shutter button is pressed.		
The lens barrier is closed.	Open the lens barrier fully.	P. 21
The power is off.	Open the lens barrier fully.	P. 21
The flash has not finished charging.	Take your finger off the shutter button. When the orange lamp stops blinking, start shooting again.	P. 49
The movie just taken is being written to the card.	Release your finger from the shutter button. When the orange lamp stops blinking, resume shooting.	P. 46
The card is full.	Erase unwanted pictures or insert a new card. Before erasing, download important images to a PC.	P. 18, 77
The green lamp and orange lamp blink at the same time		
The batteries are exhausted.	Replace the batteries with new ones.	P. 14
The flash does not fire.		
The flash is set to the flash off mode.	Select a flash mode other than flash off.	P. 49
The subject is illuminated.	If you want the flash to fire on a brightly illuminated subject, set the flash to fill-in mode.	P. 50
The movie mode is on.	The flash does not fire in the movie mode.	P. 49
Panorama mode is set.	The flash does not fire in the panorama mode. Cancel the panorama mode.	P. 55

Possible cause	Corrective action	Ref. Page
The monitor is hard to see.		
The brightness is not adjusted properly.	Select  in the MODE MENU and adjust the brightness.	P. 88
Vertical lines appear on the monitor.	Bright light (such as sunlight) may cause this. Use the viewfinder.	P. 43
The monitor is exposed to direct sunlight.	Block the sunlight with your hand.	—
Pictures you have taken do not appear on the monitor.		
The power is off.	With the lens barrier closed, press  to turn the monitor on.	P. 22
The camera is in the shooting mode.	Press  quickly twice, or close the lens barrier and then press  to switch to the playback mode.	P. 67, 68
There are no pictures on the card.	NO PICTURE appears on the monitor. Record pictures.	—
The camera is connected to a TV.	The monitor does not function when the video cable is connected to the camera.	P. 73
The date recorded with the image data is wrong.		
The date/time is not set.	Set the date/time. The clock adjustment is not factory-preset.	P. 26
The battery is exhausted.	When the battery runs down, the date/time setting is canceled. Replace with a new battery and reset the date and time.	P. 14, 26
The camera has been left with the battery removed.	If the camera is left for with the battery removed, the date/time setting is canceled. Set the date/time again.	P. 26
The settings are returned to the factory default settings when the camera is turned off.		
ALL RESET is set to ON.	Select the SETUP tab in the mode menu and set ALL RESET to OFF.	P. 84

Possible cause	Corrective action	Ref. Page
The picture is too bright.		
The flash was set to the fill-in flash mode.	Select a flash mode other than fill-in flash.	P. 49
The subject was excessively illuminated.	Adjust the exposure compensation toward minus (-) or change the camera position.	P. 63
The picture is too dark.		
The flash was blocked by your finger.	Hold the camera correctly, keeping your fingers away from the flash.	P. 28
The subject was out of the working range of the flash.	Shoot within the flash working range.	P. 49
The flash was set to the flash off mode.	Select a flash mode other than flash off.	P. 49
The subject was too small and was backlit.	Set the flash to fill-in mode.	P. 50
You shot a bright subject, such as snow.	Adjust the exposure compensation toward +.	P. 63
The colors of pictures taken indoors look unnatural.		
Indoor lighting can affect the picture's colors.	Set the white balance according to the lighting.	P. 65
There is no white in the subject.	Include something white in the picture, or shoot using the fill-in flash mode.	P. 50
The white balance setting is wrong.	Adjust the white balance according to the light source.	P. 65














Possible cause	Corrective action	Ref. Page
The picture has obscured edge(s).		
The lens was partly blocked by your finger or the strap.	Hold the camera correctly, keeping your fingers and the strap away from the lens.	P. 28
The subject was too close.	Check the actual picture area by using the monitor to take the picture.	P. 41
The picture is out of focus.		
The camera moved when the shutter button was pressed.	Hold the camera correctly and press the shutter button gently. Camera movement occurs easily with slower shutter speeds. When you take a picture with the flash off mode in a night scene or a dark situation, use a tripod, or hold the camera firmly.	P. 28
The lens was dirty.	Clean the lens. Use a commercially available blower brush and then wipe with a Lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.	P. 110
The camera may not be able to focus on the subject, even if the green lamp lights up.	Lock the focus on an object that is the same distance from the camera as the subject, then compose your shot again.	P. 44
The battery's power is running out.		
You are using the camera in an environment that is too cold.	Keep the camera as warm as possible. In cold weather, put it inside your clothes or another warm place for a short time before using it.	—
The monitor is always on.	Turn off the monitor as often as possible.	—

Menu list














● Shooting mode menus (:P/ / / /)

Top menu	Tab	Function	Setting	Ref. page
MODE MENU	CAMERA	SCENE SELECT	PROGRAM AUTO, , , , ,	P. 37
			OFF, ON	P. 52
			OFF, ON	P. 54
			-2.0 to +2.0 (in 1/2 EV steps)	P. 63
		PANORAMA 2 IN 1		P. 55 P. 57
	PICTURE	WB	AUTO, , , ,	P. 65
	CARD	CARD SETUP	FORMAT, CANCEL	P. 85
	SETUP	ALL RESET	OFF, ON	P. 84
			ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 24
			OFF, ON	P. 89
		REC VIEW	OFF, ON	P. 88
		FILE NAME	RESET, AUTO	P. 89
		PIXEL MAPPING		P. 91
				P. 88
				P. 26
		VIDEO OUT	NTSC, PAL	P. 92
			P. 46	
		SHQ, HQ, SQ1, SQ2	P. 59	
MODE RESET		ALL RESET, CANCEL	P. 84	








● Shooting mode menus ()

Top menu	Tab	Function	Setting	Ref. page	
MODE MENU	CAMERA		OFF, ON	P. 52	
			OFF, ON	P. 54	
			-2.0 to +2.0 (in 1/2 EV steps)	P. 63	
	PICTURE	WB		AUTO,  ,  ,	P. 65
				 , 	
	CARD	CARD SETUP	FORMAT, CANCEL	P. 85	
	SETUP		ALL RESET	ON/OFF	P. 84
				ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 24
				OFF, ON	P. 89
			REC VIEW	OFF, ON	P. 88
			FILE NAME	RESET, AUTO	P. 89
			PIXEL MAPPING		P. 91
					P. 88
					P. 26
	VIDEO OUT	NTSC, PAL	P. 92		
	PHOTO			P. 38	
			HQ, SQ	P. 59	
MODE RESET			ALL RESET, CANCEL	P. 84	

● Playback mode menus (Still picture)








Top menu	Tab	Function	Setting	Ref. page
MODE MENU	PLAY	 OFF, ON	P. 76	
		 0°, +90°, -90°	P. 72	
		  	P. 93	
	EDIT	BLACK&WHITE	BLACK&WHITE, CANCEL	P. 79
		SEPIA	SEPIA, CANCEL	P. 80
			640 x 480, 320 x 240, CANCEL	P. 80
	CARD SETUP	CARD SETUP	ALL ERASE, FORMAT	P. 78, 85
	SETUP	ALL RESET	OFF, ON	P. 84
			ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 24
			OFF, ON	P. 89
				P. 88
				P. 26
		VIDEO OUT	NTSC, PAL	P. 92
		4, 9, 16	P. 70	
	INFO		P. 71	
		YES, NO	P. 87	
			P. 77	

● Playback mode menus (Ⓜ)






Top menu	Tab	Function	Setting	Ref. page
MODE MENU	PLAY	 OFF, ON	P. 76	
	EDIT	INDEX	OK/RESET/CANCEL	P. 82
	CARD	CARD SETUP	ALL ERASE, FORMAT	P. 78, 85
	SETUP	ALL RESET	OFF, ON	P. 84
			ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL	P. 24
			OFF, ON	P. 89
				P. 88
				P. 26
		VIDEO OUT	NTSC, PAL	P. 92
			4, 9, 16	P. 70
MOVIE PLAY		PLAYBACK, FRAME BY FRAME, EXIT	P. 74	
INFO			P. 87	
		YES, NO	P. 77	

Factory default settings





● Shooting mode

	AUTO
	OFF
Shooting mode	 PHOTO (still picture shooting mode)
SCENE SELECT	P (Program auto)
Digital zoom	1X
Monitor	OFF (turns off)
	HQ
	OFF
	0.0
PANORAMA	OFF
2 IN 1	OFF
WB	AUTO
REC VIEW	ON
FILE NAME	RESET
	OFF

● Playback mode
















	OFF
	OFF
INFO	OFF
	OFF
	0°
	9

● Other

	± 0
	ON
ALL RESET	ON
	ENGLISH*
	2003.01.01
VIDEO OUT	*

* Settings differ according to the region where the camera is sold.

List of functions by shooting mode

Shooting mode Function	P					
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	—
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
Digital zoom	✓	✓	✓	✓	—	—
PANORAMA	✓	✓	✓	✓	—	—
2 IN 1	✓	✓	✓	✓	✓	—
WB	✓	✓	✓	✓	✓	✓
CARD SETUP	✓	✓	✓	✓	✓	✓
ALL RESET	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
REC VIEW	✓	✓	✓	✓	✓	✓
FILE NAME	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓

✓ : Available, — : Not available

Camera maintenance

1 Close the lens barrier to turn the camera off.

Make sure that the monitor is turned off.

2 Remove the battery. (If you are using an AC adapter, unplug the AC adapter from the camera first before removing the plug from the wall outlet.)

3 Exterior:

→ Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach, use a cloth soaked in clean water and well wrung.

Monitor and viewfinder:

→ Wipe gently with a soft cloth.

Lens:

→ Blow dust off the lens with a commercially available blower, then wipe gently with a lens cleaning paper.

CARD:

→ Wipe gently with a soft, dry cloth.



Note

- Do not use strong solvents such as benzene or alcohol, or chemically treated cloths.
- Cleaning should be done only after the battery has been removed or the AC adapter has been disconnected.
- Mold may form on the lens surface if the lens is left dirty.

Specifications





















Product type	: Digital camera (for shooting and displaying)
Recording system	
Still picture	: Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF)), Exif 2.2, Digital Print Order Format (DPOF) PRINT Image Matching II
Movie	: QuickTime Motion JPEG support
Memory	: xD-Picture Card (16 – 256MB)
No. of storable pictures/No. of pixels (on a16 MB card)	: Approx. 11 frame (SHQ: 1600 x 1200 pixels) Approx. 32 frames (HQ : 1600 x 1200 pixels) Approx. 76 frames (SQ1: 1024 x 768 pixels) Approx. 165 frames (SQ2: 640 x 480 pixels)
No. of effective pixels	: 2,000,000 pixels
Image pickup device	: 1/ 3.2" CCD solid-state image pickup, 2,110,000 pixels (gross)
Lens	: Olympus lens 5 mm (equivalent to 38 mm lens on 35 mm camera), f2.8, 5 elements in 4 groups
Photometric system	: Center-weighted average light metering, Spot metering
Shutter speed	: 1/2 to 1/1000 sec.
Shooting range	: 0.5 m (1.6 ft.) ∞ to (normal) 0.2 m (0.7 ft.) ∞ to (macro mode)
Viewfinder	: Reverse Galilean viewfinder
Monitor	: 1.8" TFT* color LCD display, 61,000pixels
Outer connector	: DC-IN jack, USB connector (mini-B), VIDEO OUT jack
Automatic calendar system	: 2000 – 2099





















* A color monitor using a transistor made from thin-film.

Operating environment

Temperature	: 0° C to 40° C (32° F to 104° F) (operation) -20° C to 60° C (-4° F to 140° F) (storage)
Humidity	: 30% to 90% (operation)/ 10% to 90% (storage)
Power supply	: Two AA (R6) alkaline batteries or NiMH batteries One lithium CR-V3 battery pack AC adapter (optional) ● Manganese (zinc-carbon) batteries cannot be used.
Dimensions	: 112 mm (W) x 62 mm (H) x 40 mm (D) (4.4" x 2.4" x 1.6") (excluding protrusions)
Weight	: 166 g (0.4 lb.) (without battery or card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

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OLYMPUS®

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Olympus software updates can be obtained at: <http://olympus.com/digital/>

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Please visit our homepage <http://www.olympus-europa.com>

or call our TOLL FREE NUMBER : **00800 - 67 10 83 00**

for Austria, Belgium, Denmark, Finland, France, Germany, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom

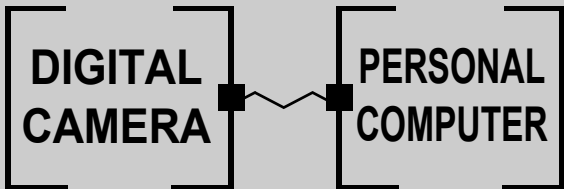
- Please note some (mobile) phone services/provider do not permit access or request an additional prefix to +800 numbers.

For all not listed European Countries and in case that you can't get connected to the above mentioned number please make use of the following

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Our Technical Customer Support is available from 9 am to 6 pm MET (Monday to Friday)

CAMEDIA



DIGITAL CAMERA — PC CONNECTION
OPERATION MANUAL

How to use your PC to get the most from images taken with your digital camera.

- Thank you for purchasing an Olympus digital camera.
- This manual provides instructions on how to install the USB driver. To ensure correct installation, refer only to these installation procedures.

Introduction

This manual explains in detail how to connect your Olympus digital camera to a computer. Read it carefully and keep it in a safe place for future reference.

About this manual

- The information contained in this manual may be subject to change without notice. For the latest information on the product, please consult your local Olympus representative.
- The information contained in this manual has been compiled by taking all possible measures to ensure its accuracy. However, if you find any errors or incomplete information, please contact your local Olympus representative.
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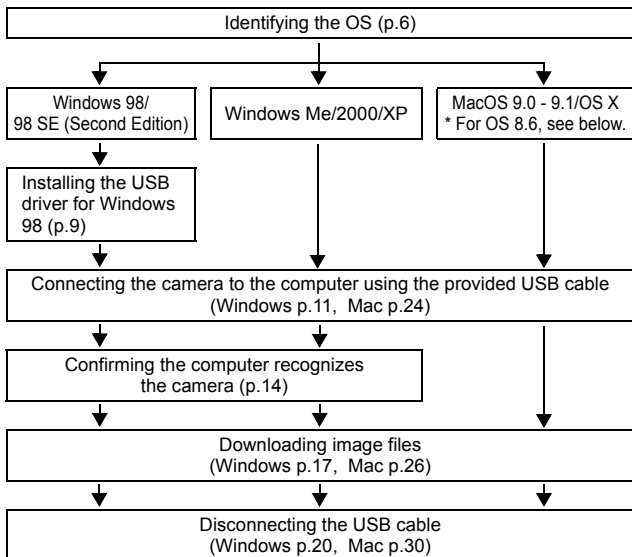
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Windows

Macintosh

Flowchart

By connecting the camera to a computer with the provided USB cable, images on a card can be transferred to the computer. Some OS's (operating systems) may need a special setup before connecting to the camera for the first time. Follow the chart below.



* Even if your computer has a USB connector, data transfer may not function correctly if you are using one of the operating systems listed below or if you have an add-on USB connector (extension card, etc.).

- Windows 95/NT 4.0
- Windows 98/98 SE upgrade from Windows 95
- Mac OS 8.6 or lower (except Mac OS 8.6 equipped with USB MASS Storage Support 1.3.5 installed at the factory)
- Data transfer is not guaranteed on a home-built PC system or PCs with no factory installed OS.



- When connecting the camera to the computer, make sure that there is sufficient remaining battery power. When connected (transmitting) to the computer, the camera does not enter the sleep mode nor will the camera's power turn off automatically. Depending on the camera model, when the battery power runs out or the internal temperature rises, the camera may stop operating automatically. This could cause the computer to malfunction, and any image data (file) being transmitted may be lost. Be careful when downloading files for a long period of time. Use the AC adapter (optional) when downloading files.
- If you connect or disconnect the AC adapter when the camera is connected to the computer and is running on battery power, it may result in the loss of image data on the card or cause a malfunction in the computer. Before connecting or disconnecting the AC adapter, disconnect the camera from the computer and make sure that the camera is turned off.
- To avoid computer malfunctions, do not turn off the camera when the camera is connected to a computer.
- If the camera is connected to the computer via a USB hub, operation may not be stable if there are any compatibility problems between the computer and the hub. In such cases, do not use the hub and connect the camera directly to the computer.



- You can view images using: graphics applications that support the JPEG file format (Paint Shop Pro, Photoshop, etc.); Internet browsers (Netscape Communicator, Microsoft Internet Explorer, etc.); CAMEDIA Master software; or other software. For details on using commercial graphics applications, refer to their instruction manuals.
- QuickTime is needed for playing back movies. QuickTime is included on the provided software CD.
- If you want to process images, make sure to download them to your computer first. Depending on the software, image files may be destroyed if the images are processed (rotated, etc.) while they are on the card.

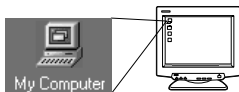
Identifying the OS

Identify the OS on your computer before connecting the camera. How to identify the OS depends on the computer.

● Windows

- 1** Double-click the “My Computer” icon on your desktop.

When the “My computer” icon is not on your desktop, click “Control Panel” from the “Start” menu.



- 2** Double-click the “Control Panel” icon.



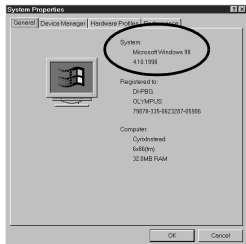
- 3** Double-click the “System” icon.



The way the file icons inside the folder appear may vary depending on your version of Windows. If you don't see the icon you are looking for, click on “view all Control Panel options” on the left of the window.

4 A System Properties window will appear. Note and record the “System:” information.

Confirm that your system is Windows 98, 98 SE, Me, 2000 Professional or Windows XP, then press “OK” to close the window.



If your OS is Windows 98/98 SE, proceed to “Installing the USB driver for Windows 98” (👉 p.9).

Users running Windows Me/2000/XP 👉 p.11

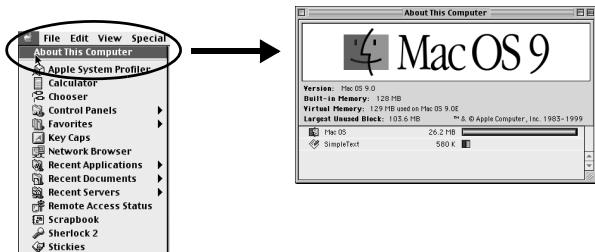
Users running other OS 👉 p.31

● Mac OS (Macintosh)

Select “About This Computer” from the Apple menu on the menu bar.

A window appears with the name of the computer’s OS.

Confirm that the OS is OS 9.0-9.1 or OS X.



Users running Mac OS 9/X 👉 p.23

Users running other OS 👉 p.31

Windows

Using Windows 98/Me/2000/XP

Make sure that:

- Your computer is turned on and Windows is running.
- If you are running any applications, quit them all.
- You are recommended to power the camera using the optional AC adapter. If the battery power runs out while the computer is accessing the card in the camera, the camera will turn off in the middle of the operation and this could destroy image files (data). If you are using batteries, make sure that there is sufficient remaining battery power.

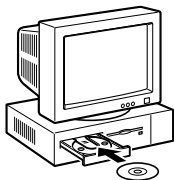
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Installing the USB driver for Windows 98 (When using Windows 98/98 SE)

If your OS is Windows 98/98 SE, you must install the USB driver. Follow the instructions below to install the USB driver in your computer. Once it is fully installed, you do not need to repeat the procedure again.

If your OS is Windows Me/2000/XP, you do not need to install the USB driver. Proceed to “Connecting the camera to the computer” (👉 p.11).

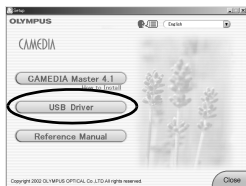
- 1** Insert the provided software CD into your CD-ROM drive.



- 2** The Olympus Windows Installer should automatically launch. Click “USB Driver”.

If the USB driver is already installed in your computer, this option will not appear.

- This option will not appear if you are using Windows Me/2000/XP.



If the installer is not automatically launched, select “Run..” on the “Start” menu and then execute “(drive letter):/ Information.exe”.

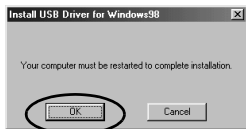


The drive letter of the CD-ROM varies depending on the computer.
To identify the drive letter, double-click “My Computer” on the desktop.

- 3** Click “Continue”. The installation of the USB driver will start.



- 4** Click “OK” to restart your computer and the installation is complete.

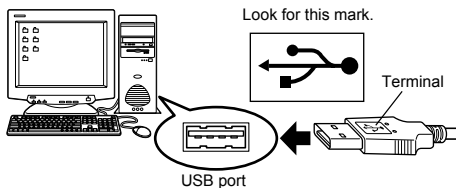


- 5** When the computer has restarted, installation is complete. If the Olympus Windows Installer screen appears, click “Close” and remove the CD-ROM from the CD-ROM drive.

Connecting the camera to the computer

Users running Windows 98/98SE need to install the USB drive before connecting the camera to your computer for the first time. (☞ p.9)

- 1** Insert the marked end of the provided USB cable into the USB port on your computer as shown below.

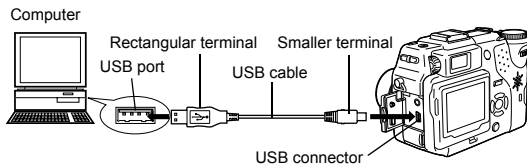


The location of the USB port varies depending on the computer. For details, refer to your computer's manual.

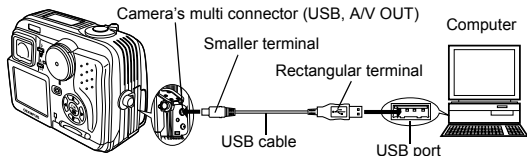
- 2** After making sure that the camera is turned off, connect the end of the USB cable to the USB connector on the camera.

The location of the USB connector or multi connector varies depending on the camera model. Refer to the camera manual for details.

Camera with a USB connector




Camera with a multi connector

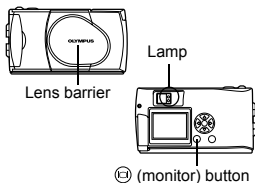


3 Turn the camera on.


- **Camera with a lens barrier**

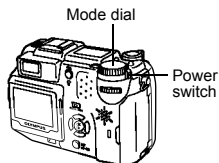
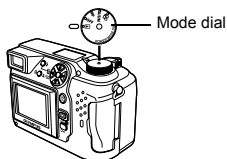
The power turns on automatically, with the exception of some models which require you to press the  (monitor) button.


When the camera is turned on, the lamp on the right of the viewfinder lights up.




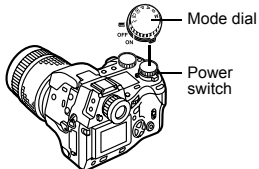
- **Camera with a  mode**

Set the mode dial to . (If the camera has a power switch as well as a mode dial, turn the power switch to ON.)



- **Camera with a  mode (Camera setup/connection mode)**

Set the mode dial to  to turn the camera on.



4 The computer recognizes the camera as a new device.

When you connect the camera to the computer for the first time, the computer automatically recognizes the camera. Click "OK" when the message saying that the installation is completed appears. The computer recognizes the camera as a "Removable Disk".

● Windows XP

You can download image files from the camera easily. Select "Copy pictures to folder on my computer using Microsoft Scanner and Camera Wizard", then follow the on-screen instructions. You may also select "take no action" to bypass the Microsoft Scanner and Camera Wizard. You may then use a more advanced image viewing/editing program such as Olympus CAMEDIA Master software. For detailed instructions on downloading, refer to the CAMEDIA Master software user's guide.

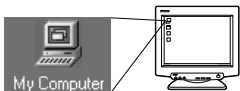


When the camera is connected to the computer, none of the camera buttons are functional.

Confirming the computer recognizes the camera

1 Double-click the “My Computer” icon on the desktop.

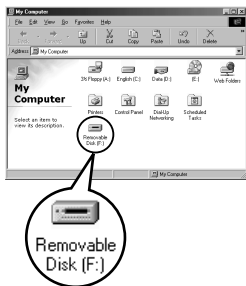
For users running Windows XP, click “My Computer” from the “Start” menu.



2 Make sure the “Removable Disk” icon appears in the window.

There may already be other “Removable Disk” icons for other devices, such as a removable media drive or USB SmartMedia Reader/Writer. In this case, the digital camera is recognized as another “Removable Disk”.

If you cannot find the icon, the camera and computer are not connected properly. Turn the camera off, disconnect the camera from the computer and connect again, or proceed to “Confirming the USB driver is installed” (☞ p.15) to make sure that the USB driver is fully installed.



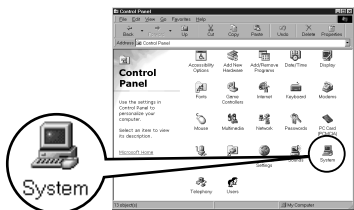
Confirming the USB driver is installed

If the computer does not recognize the camera as a Removable Disk, follow the procedure below to check whether the USB driver has been fully installed.

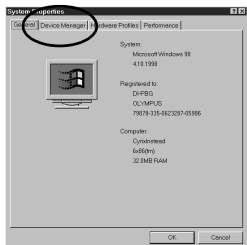
- 1** Open “My Computer” and double-click the “Control Panel” icon.
For users running Windows XP, open “Control Panel” from the “Start” menu.



- 2** Double-click the “System” icon.



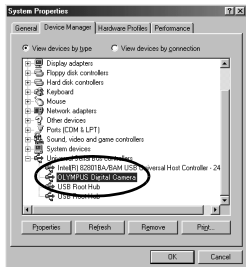
- 3** The System window will appear. Click the “Device Manager” tab.



4 Confirm that “OLYMPUS Digital Camera” is in the “Universal Serial Bus Controller” category.

If you cannot find the “OLYMPUS Digital Camera”, turn the camera off, disconnect the camera from the computer and start again.

Users running Windows 98/98 SE start again from “Confirming the USB driver is installed”, and Users running Window Me/2000/XP start from “Connecting the camera to the computer”.



Note

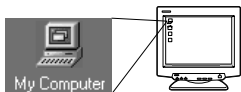
If the USB driver was successfully installed, you can find the following in the “Device Manager”.

- the name of the camera you have connected listed under “Disk drives”
- “OLYMPUS Digital Camera” listed as one of the items in the “Universal Serial Bus Controller” category

Downloading images to your computer

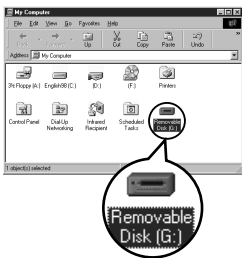
1 Double-click the “My Computer” icon on the desktop.

For users running Windows XP, click “Control Panel” from the “Start” menu.



2 Double-click the “Removable Disk” icon.

A new “Removable Disk” icon appears when the camera is connected to the computer, as the digital camera is recognized as a “Removable Disk”.

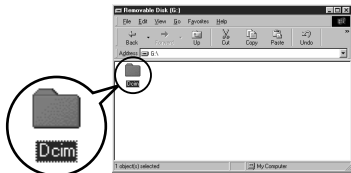


Note

If an error message appears when you double-click the icon, there may be a problem with one of the following:

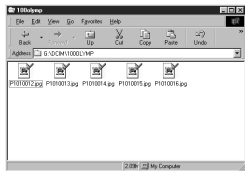
- ① the camera's power source (the AC adapter is not properly connected or the battery power is low)
Make sure that the AC adapter is correctly connected or that the batteries are not running low.
- ② the card (there is no card in the camera or there is a problem with the card)
Check that you can play back pictures stored on the card on the monitor of your digital camera.

3 Double-click the “Dcim” folder.



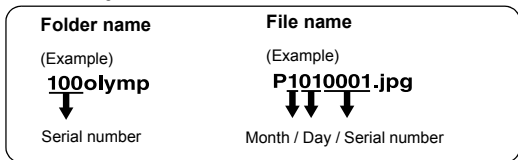
4 Double-click the “100olymp” folder.

Image files (JPEG files) with file names such as “P1010001.jpg” are displayed.



Note

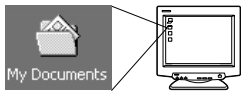
- The camera automatically assigns folder names and file names according to the following rules.



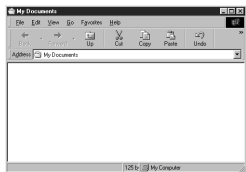
- Serial numbers of image files run from 0001 to 9999.
- Serial numbers of folders run from 100 to 999.
- When file number 9999 is reached, a new folder is created and assigned the next number.
- Months January through September are expressed by the numbers 1 through 9, October by the letter A, November by B and December by C.

5 Double-click the “My Documents” icon on the desktop.

If you cannot find the icon on the desktop, select “Explorer” on the Start menu and double-click the “My Documents” icon.

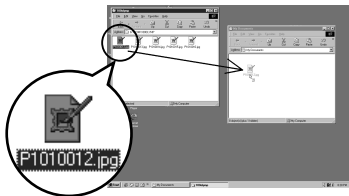


The “My Documents” window is displayed.



- 6** Drag & drop the image you want to save in the computer (in this case, P1010012.jpg) to the “My Documents” window.

The image is saved in the computer (in My Documents folder).



- To select all files, choose Edit > Select all.



When the image file has been downloaded to the computer, you can view images by double-clicking the image files downloaded to your computer. The files will be opened in the default image viewer of the operating system. If you want to view the image a different size or process it, you will need to open the image with software that supports JPEG or TIFF images files, such as Paint Shop Pro, Photoshop or CAMEDIA Master software.



The lamp on the right of the viewfinder or the card access lamp blinks while the image is being copied. Never open the card cover on the camera, load or remove the batteries, or connect or disconnect the AC adapter while the lamp is blinking as the image files may be destroyed.

Disconnecting the camera from your computer

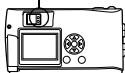
If your OS is Windows Me/2000, proceed to “Windows Me/2000/XP” (p.21).

● Windows 98

- 1** Make sure that the lamp on the right of the viewfinder or the card access lamp is not blinking.

Some camera models have either a lamp on the right of the viewfinder or a card access lamp, and the location varies depending on the model. Refer to your camera's reference manual.

Lamp



Card access lamp

- 2** Double-click the “My Computer” icon and right-click the “Removable Disk” to display the menu.

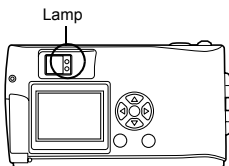


Removable
Disk (F:)

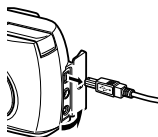
- 3** Click “Eject” on the menu.



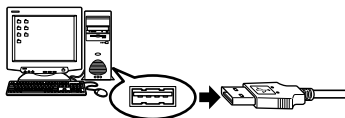
- 4** Make sure that the lamp on the right of the viewfinder or the card access lamp is not blinking.



- 5** Remove the USB cable from the camera.



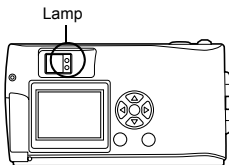
- 6** Remove the USB cable from your computer.



● Windows Me/2000/XP

- 1** Make sure that the lamp on the right of the viewfinder or the card access lamp is not blinking.

Some camera models have either a lamp on the right of the viewfinder or a card access lamp, and the location varies depending on the model. Refer to your camera's reference manual.

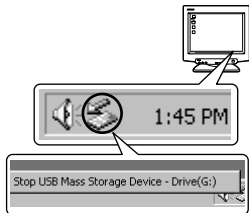


- 2** Click the  “Unplug or Eject Hardware” icon on the task bar.

The message saying that the drive has been stopped appears.

- 3** Click on the message.

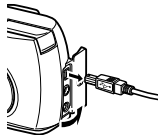
The “Unplug or Eject Hardware” window appears.



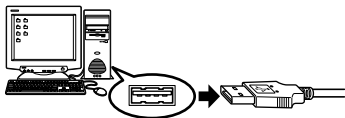
- 4** When a message appears, click “OK”.



- 5** Remove the USB cable from the camera.



- 6** Remove the USB cable from your computer.



Caution

If the window returns the following message when you click “Unplug or Eject Hardware”, first make sure that no image data is being downloaded from the camera, and then remove the USB cable.



Macintosh

Using Mac OS (9/X)

Make sure that:

- Your computer is turned on and Mac OS is running.
- If you are running any applications, quit them all.
- You are recommended to power the camera using the optional AC adapter. If the battery power runs out while the computer is accessing the card in the camera, the camera will turn off in the middle of the operation and this could destroy image files (data). If you are using batteries, make sure that there is sufficient remaining battery power.

If you are running Mac OS X, the connection to the computer and downloading the image data are verified. Restrictions such as the following may occur due to the OS.

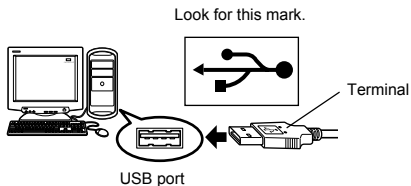
- The image file properties are not displayed correctly.
- Images in the camera cannot be opened without first downloading them. etc.

For more details, visit the Olympus web site.

Connecting the camera to the computer	24
Downloading images to your computer.....	26
Disconnecting the camera from your computer	30

Connecting the camera to the computer

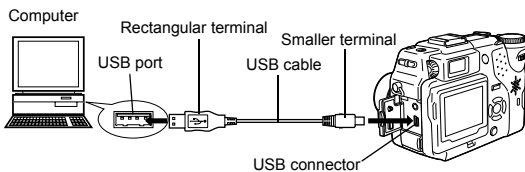
- 1 Insert the marked end of the USB cable into the USB port on your computer as shown below.



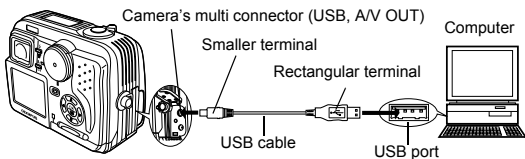
The location of the USB port varies depending on the computer. For details, refer to your computer's manual.

- 2 After making sure that the camera is turned off, connect the end of the USB cable to the USB connector on the camera.
The location of the USB connector or multi connector varies depending on the camera model. Refer to the camera manual for details.

Camera with a USB connector




Camera with a multi connector

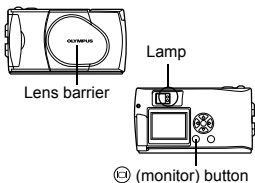


3 Turn the camera on.


● Camera with a lens barrier

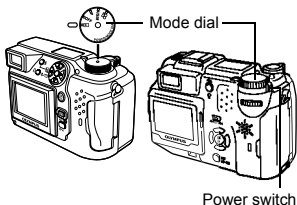
The power turns on automatically, with the exception of some models which require you to press the  (monitor) button.

When the camera is turned on, the green lamp on the right of the viewfinder lights up.




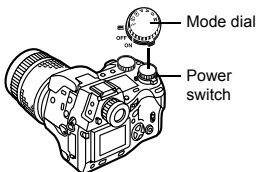
● Camera with a mode

Set the mode dial to . (If the camera has a power switch as well as a mode dial, turn the power switch to ON.)



● Camera with a mode (Camera setup/connection mode)

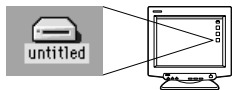
Set the mode dial to  to turn the camera on.




4 The computer recognizes the camera as a new device.

The computer recognizes the camera automatically and an "Untitled" icon appears on the desktop.

If you cannot find this icon, turn off the camera and connect again.



● Mac OS X

When the computer has recognized the camera, the Apple Image Capture software automatically launches.  p.29



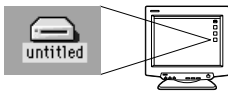
When the camera is connected to the computer, none of the camera buttons are functional.

Downloading images to your computer

● Mac OS 9

You can download images from the camera and save them in your computer (in this case, in the Hard Disk).

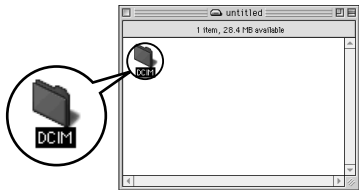
- 1** Double-click the “Untitled” icon displayed on the desktop when the camera is connected to the computer.



If you cannot find this icon, or if an error message appears when you double-click the icon, there may be a problem with one of the following:

- ① the camera's power source (the AC adapter is not properly connected or the battery power is low)
- ② the card (there is no card in the camera or there is a problem with the card)
Check that you can play back pictures on the monitor of your camera.
- ③ the USB cable (the camera is not properly connected to the computer by the USB cable).
- ④ Apple “File Exchange” extension is not enabled.
 - Please refer to your Apple operating system manual for instructions on how to enable this extension.

- 2** Double-click the “Dcim” folder.



- 3** Double-click the “100OLYMP” folder.

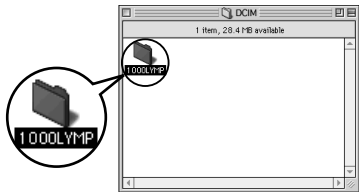
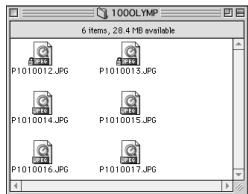
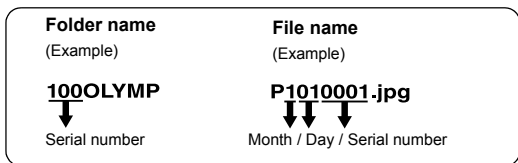


Image files (JPEG files) with file names such as “P1010001.JPG” are displayed.

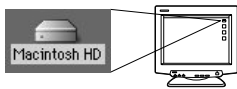


- The camera automatically assigns folder names and file names according to the following rules.

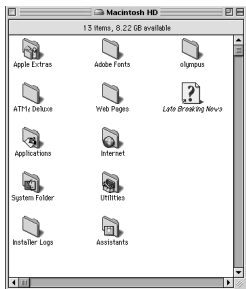


- Serial numbers of image files run from 0001 to 9999.
- Serial numbers of folders run from 100 to 999.
- When file number 9999 is reached, a new folder is created and assigned the next number.
- Months January through September are expressed by the numbers 1 through 9, October by the letter A, November by B and December by C.

- 4 Double-click the “Macintosh HD” icon on the desktop.



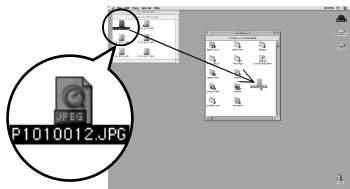
The “Hard Disk” window is displayed.



- 5** Drag & drop the image you want to save in the computer (in this case, P1010012.JPG) to the “Hard Disk” window.

The image is saved in the computer (in the Hard disk).

- To select all images, click Edit > Select all.



When the image file has been copied to the computer, you can view images by double-clicking the image files in the “Hard Disk” folder. The files will be opened in the default image viewer of the operating system. If you want to view the image a different size or process it, you will need to open the image with software that supports JPEG or TIFF images files, such as Paint Shop Pro, Photoshop or CAMEDIA Master software.



The lamp on the right of the viewfinder or the card access lamp blinks while the image is being copied. Never open the card cover on the camera, load or remove the batteries, or connect or disconnect the AC adapter while the lamp is blinking as the image files may be destroyed.

● Mac OS X

Malfunctions such as the following may occur due to the OS.

- If the camera is not connected correctly, a malfunction occurs in the computer.
- Date and time information of image files is not accurately displayed.
- If the card cover of the camera is opened while connecting to the computer, the “untitled” icon does not disappear from the desktop. etc.

When the computer has recognized the camera, the Apple Image Capture software dialog appears.

1 From the “Download To” menu, select a destination folder.

2 To download all images, click “Download All”.

To selectively download images, click “Download Some” and highlight the desired images.



The images are transferred from the camera to your computer.



If you are operating Mac OS X and you want to download images using the same procedure as for Mac OS 9, select “File > Close” and exit the Apple Image Capture software. At this time, the camera is indicated as “unlabeled”.

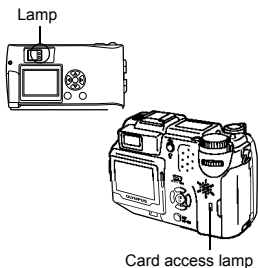


Caution

If you use the Apple Image Capture software, images downloaded to your computer and transferred back to a card may not play back on the camera or may have other problems.

Disconnecting the camera from your computer

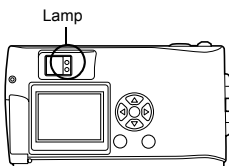
- 1** Make sure that the lamp on the right of the viewfinder or the card access lamp is not blinking.



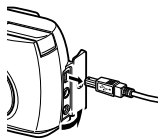
- 2** Drag the “untitled” icon on the desktop to “Trash”.



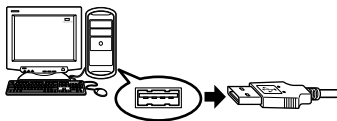
- 3** Make sure that the lamp on the right of the viewfinder or the card access lamp is not blinking.



- 4** Remove the USB cable from the camera.



- 5** Remove the USB cable from your computer.

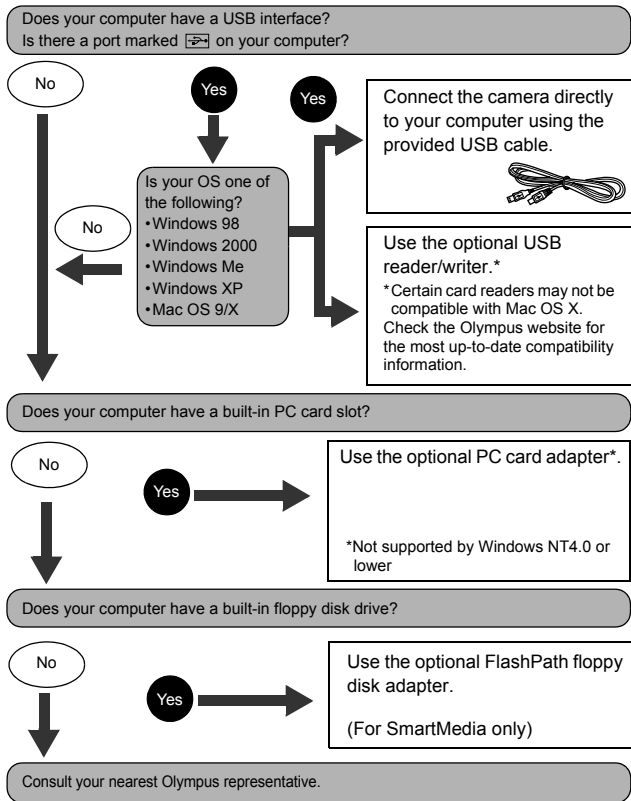


Downloading image files using other OS (For other OS users)

Users running other OS cannot connect the camera directly to a computer.

● **Windows 95** ● **Windows NT** ● **Mac OS before OS 9**

You can download images directly to your computer using an optional floppy disk adapter or PC card adapter.



OLYMPUS®

<http://www.olympus.com/>

OLYMPUS OPTICAL CO., LTD.

Customer support (Japanese language only): Tel. 0426-42-7499 Tokyo

OLYMPUS AMERICA INC.

Two Corporate Center Drive, Melville, NY 11747-3157, U.S.A. Tel. 1-631-844-5000

Technical Support (USA)

24/7 online automated help: <http://support.olympusamerica.com/>

Phone customer support: Tel. 1-888-553-4448 (Toll-free)

Our phone customer support is available from 8 am to 10 pm (Monday to Friday) ET

E-Mail: distec@olympus.com

Olympus software updates can be obtained at: <http://olympus.com/digital/>

OLYMPUS OPTICAL CO. (EUROPA) GMBH.

Premises/Goods delivery: Wendenstrasse 14-18, 20097 Hamburg, Germany

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Letters: Postfach 10 49 08, 20034 Hamburg, Germany

European Technical Customer Support:

Please visit our homepage <http://www.olympus-europa.com>

or call our TOLL FREE NUMBER : **00800 - 67 10 83 00**

for Austria, Belgium, Denmark, Finland, France, Germany, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom

- Please note some (mobile) phone services/provider do not permit access or request an additional prefix to +800 numbers.

For all not listed European Countries and in case that you can't get connected to the above mentioned number please make use of the following

CHARGED NUMBERS: **+49(0)1805-67 10 83** or **+49(0)40-23 77 38 99**

Our Technical Customer Support is available from 9 am to 6 pm MET (Monday to Friday)

Notices on Batteries

- The life of batteries loaded in the digital camera may vary according to the operating conditions including the following:
 - 1 Type, manufacturer, and recommended expiration date of the batteries**
In particular, the performance of alkaline batteries is quite affected by the conditions shown above.
 - 2 Environmental temperature**
The life of batteries will be extremely shortened at low temperature (10°C or less/50°F or less).
 - 3 Monitor operating time**
 - 4 Frequency of firing the flash**
 - 5 Frequency of zooming**
- Note that the battery power is being consumed when you are following the operations with reference to the instruction manual and also when the digital camera is connected to a computer.
- The monitor uses more battery power than the viewfinder. Shooting with the monitor turned off saves battery power.
- It is recommended to use Olympus lithium batteries or NiMH batteries (Rechargeable batteries).

Optional Olympus CR-V3 lithium battery pack has a long service life. Olympus NiMH batteries are rechargeable and economical.

[Recommended batteries]

- Olympus Lithium battery pack CR-V3 LB-01
- Olympus NiMH battery recharger set BU-70SNH

Notices on Flash Charging and Battery Check

Flash charging

When the flash is charging, the monitor turns off and the green lamp and orange lamp on the right of the viewfinder blink. Wait until the charging completes.

When the lamps turn off, you can take the next picture.

Batteries exhausted

When the batteries are exhausted, the digital camera alarms with beep sound while the monitor turns off and the green lamp and orange lamp on the right of the viewfinder blink. In this case, replace with new batteries.

Actions in case of flash charging and batteries exhausted

Part in action	Flash charging	Batteries exhausted
Green lamp on the right of the viewfinder	Blinks	Blinks
Orange lamp on the right of the viewfinder	Blinks	Blinks
Monitor	Off	Off
Beep sound	Off	On

OLYMPUS®

LIMITED WARRANTY

This limited warranty must be presented at an Olympus Service Center before any repair can be made under conditions of the warranty.

USA

Serial No.

Model:

D-390

Date of Purchase:

402221744



Customer

Dealer

Name:

Name and address:

Address:

Printed in China

VT184704

LIMITED WARRANTY DIGITAL IMAGING PRODUCTS

Olympus America Inc.- Consumer Products Group ("Olympus") warrants that the enclosed Olympus® digital imaging product(s) and related Olympus® accessories (individually a "Product" and collectively the "Products") will be free from defects in materials and workmanship under normal use and service for a period of one (1) year from the date of purchase. If any Product proves to be defective within the one-year warranty period, the customer must return the defective Product to an Olympus Service Center listed below (See **"WHERE TO SEND PRODUCT FOR SERVICE"**), following the procedure set forth below (See **"WHAT TO DO WHEN SERVICE IS NEEDED"**). However, it is recommended that the customer first call Olympus's Consumer Support Department at 1-888-55-DIGITAL (1-888-553-4448), to attempt to determine the nature of the problem. Olympus, at its sole discretion, will repair, replace, or adjust the defective Product, provided that Olympus investigation and factory inspection disclose that (a) such defect developed under normal and proper use and (b) the Product is covered under this limited warranty. Repair, replacement, or adjustment of defective Products shall be Olympus's sole obligation and the customer's sole remedy hereunder. The customer is liable and shall pay for shipment of the Products to the Olympus Service Center. Olympus shall not be obligated to perform preventive maintenance, installation, deinstallation, or maintenance. Olympus reserves the right to (i) use reconditioned, refurbished, and/or serviceable used parts (that meet Olympus's quality assurance standards) for warranty or any other repairs and (ii) make any internal or external design and/or feature changes on or to its products without any liability to incorporate such changes on or to the Products.

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Excluded from this limited warranty and not warranted by Olympus in any fashion, either express, implied, or by statute, are:

- products and accessories not manufactured by Olympus and/or not bearing the "OLYMPUS" brand label (the warranty coverage for products and accessories of other manufacturers, which may be distributed by Olympus, is the responsibility of the manufacturers of such products and accessories in accordance with the terms and duration of such manufacturers' warranties);
- any Product which has been disassembled, repaired, tampered with, altered, changed, or modified by persons other than Olympus's own authorized service personnel unless repair by others is made with the written consent of Olympus;
- defects or damage to the Products resulting from wear, tear, misuse, abuse, negligence, sand, liquids, impact, improper storage, non-performance of scheduled operator and maintenance items, battery leakage, or use of non-"OLYMPUS" brand accessories, consumables, or supplies;
- software programs;
- supplies and consumables (including but not limited to lamps, ink, paper, cables and batteries); and/or
- Products which do not contain a validly placed and recorded Olympus serial number.

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THE CUSTOMER ACKNOWLEDGES AND AGREES THAT OLYMPUS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES THAT THE CUSTOMER MAY INCUR FROM DELAYED SHIPMENT, PRODUCT FAILURE, PRODUCT DESIGN, SELECTION, OR PRODUCTION OR FROM ANY OTHER CAUSE, WHETHER LIABILITY IS ASSERTED IN CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT PRODUCT LIABILITY) OR OTHERWISE. IN NO EVENT SHALL OLYMPUS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION LOSS OF PROFITS OR LOSS OF USE), WHETHER OR NOT OLYMPUS SHALL BE OR SHOULD BE AWARE OF THE POSSIBILITY OF SUCH POTENTIAL LOSS OR DAMAGE.

Representations and warranties made by any person, including but not limited to dealers, representatives, salespersons, or agents of Olympus, which are inconsistent or in conflict with or in addition to the terms of this limited warranty, shall not be binding upon Olympus unless reduced to writing and approved by an expressly authorized officer of Olympus.

This limited warranty is the complete and exclusive statement of warranty which Olympus agrees to provide with respect to the Products and it shall supersede all prior and contemporaneous oral or written agreements, understandings, proposals, and communications pertaining to the subject matter hereof.

This limited warranty is exclusively for the benefit of the original customer and cannot be transferred or assigned.

WHAT TO DO WHEN SERVICE IS NEEDED

Package the Product carefully using ample padding material to prevent damage in transit and either deliver it to the Authorized Olympus Dealer that sold you the Product or ship it postage prepaid and insured to the Olympus Service Center listed below (See **"WHERE TO SEND THE PRODUCT FOR SERVICE"**).

When returning Products for service, your package should include the following:

1. Sales receipt showing date and place of purchase.
2. Copy of this limited warranty bearing the Product serial number corresponding to the serial number on the Product.
3. A detailed description of the problem.
4. Sample digital prints (or files on disk) if available and related to the problem.

When service is completed, the Product will be returned to you postage prepaid.

WHERE TO SEND PRODUCT FOR SERVICE

OLYMPUS SERVICE CENTERS

Olympus America Inc.
Consumer Products Group
400 Rabro Drive
Hauppauge, NY 11788-4258
1-800-622-6372

Olympus America Inc.
Consumer Products Group
10805 Holder Street
Suite 170
Cypress, CA 90630-5145
1-800-622-6372

Out-of-warranty service may also be obtained at the Olympus Service Centers listed above.

INTERNATIONAL WARRANTY SERVICE

International warranty service is NOT available under this warranty.

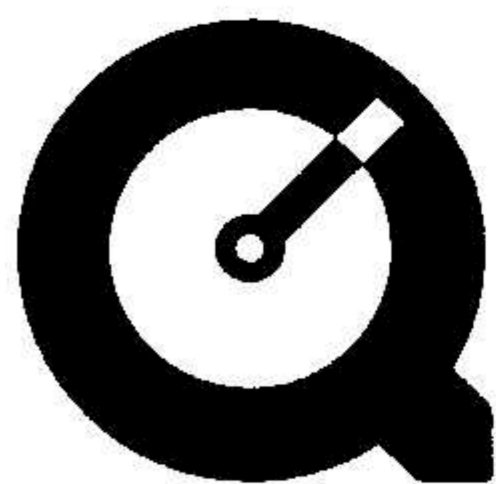
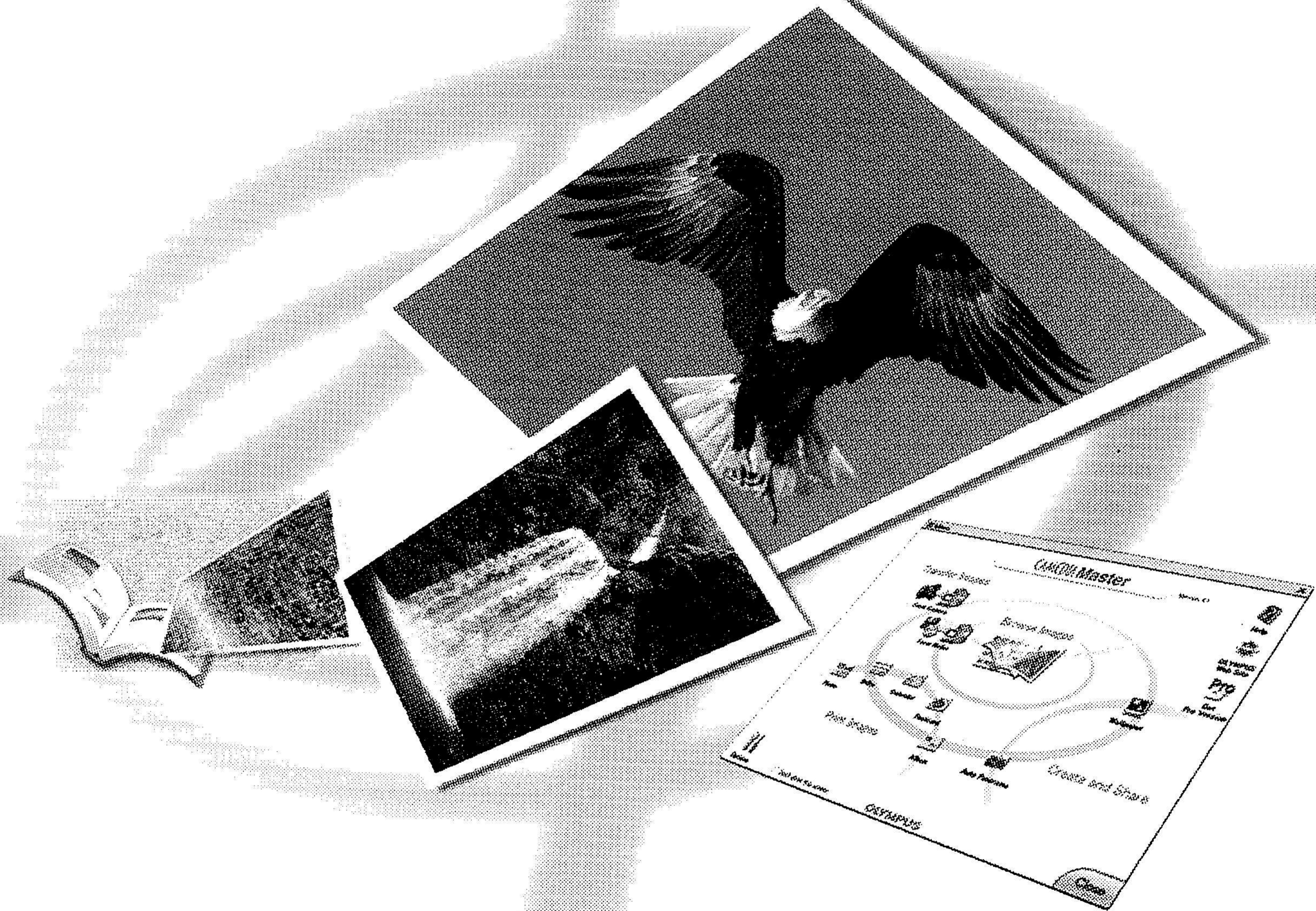
IF YOU HAVE QUESTIONS OR NEED HELP

If you have questions about the use or performance of your Products or if you have any questions or comments regarding service performed in the United States which have not been resolved to your satisfaction, write directly to:

Olympus America Inc.
Consumer Products Group
Two Corporate Center Drive
Melville, New York 11747-3157 U.S.A.
Attn: Service Manager

CAMERA Master 4.1

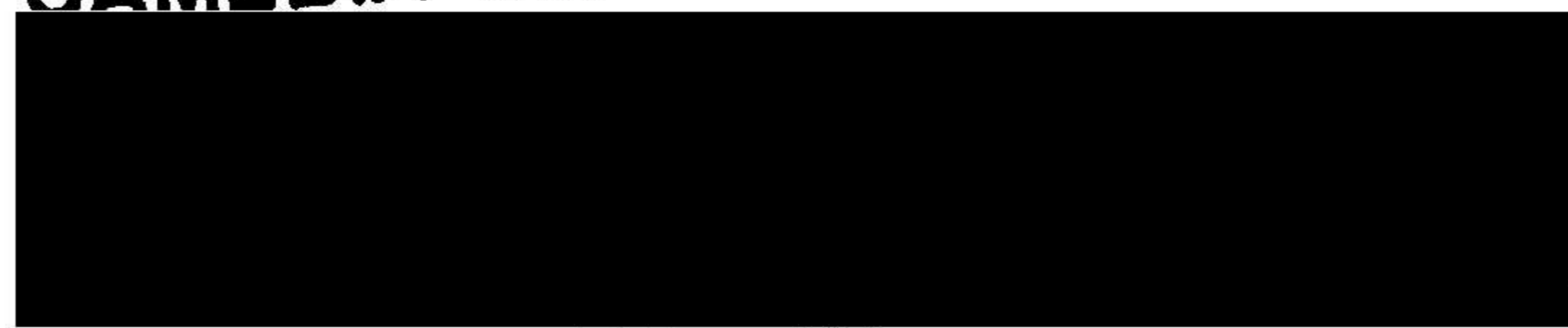
OLYMPUS



QuickTime

The Digital Camera Reference Manual is included on the CD-ROM provided with the camera's original package.

CAMERA Master Serial Number:



C-150/D-390

VJ463501

Windows

- En** CD starts automatically or by "Setup.exe" in the main index.
- Fr** Le CD démarre automatiquement ou par "Setup.exe" dans l'index principal.
- De** Die CD-ROM startet automatisch oder mit "Setup.exe" im Hauptindex.
- Es** El CD empieza automáticamente o por "Setup.exe" en el índice principal.
- Ch** CD自動開始或選擇主索引的 "Setup.exe" 後開始。

Macintosh

- En** CD starts by clicking "CM & INST" on the desktop.
- Fr** Le CD démarre en cliquant sur "CM & INST" sur le bureau.
- De** Zum CD-ROM-Start auf dem Desktop auf "CM & INST" klicken.
- Es** El CD inicia la reproducción al hacer clic en "CM & INST" del escritorio.
- Ch** 在桌面上點擊 "CM & INST"，起動CD。

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OLYMPUS

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CAMEDIA Master 4.1

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CAMEDIA
Master 4.11

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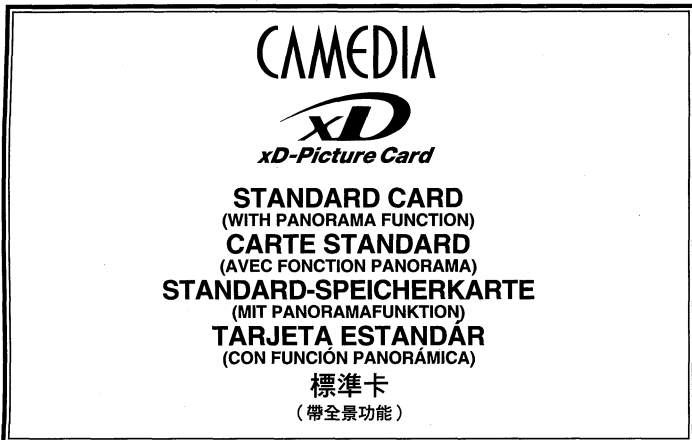
QuickTime

COMPACT
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DIGITAL DATA

VT450301

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INSTRUCTIONS

* Please read this carefully before using the product.

This product is a removable memory card, which can record, erase, or re-record picture data. This card is specifically designed for digital cameras which are compatible with the xD-Picture Card, and has already been formatted for immediate use with these digital cameras. With an optional PC card adapter, it can also function as a PCMCIA ATA flash memory card.

Notes: • This card uses built-in non-volatile semiconductor memory. However, data on the card may be destroyed with improper use. • This card only works with xD-Picture Card devices. • Also read the instruction manual of the device that your card will be used with. • This card does not have write-protection (data protection).

MODE D'EMPLOI

* Veuillez lire ceci attentivement avant d'utiliser le produit.

Ce produit est une carte mémoire amovible, qui peut enregistrer, effacer ou ré-enregistrer des données d'image. Cette carte est conçue spécialement pour les appareils photo numériques Olympus qui sont compatibles avec les cartes xD-Picture Card, et elle a déjà été formatée pour un usage immédiat. Avec un adaptateur de carte PC en option, elle peut également fonctionner comme une carte mémoire flash PCMCIA ATA.

Remarques: • Cette carte utilise une mémoire à semi-conducteur non-volatile intégrée. Cependant, les données sur la carte risquent d'être détruites par un usage incorrect. • Cette carte n'est PAS compatible avec les cartes SmartMedia. • Lire également le mode d'emploi de l'appareil sur lequel la carte sera utilisée. • Cette carte n'a pas de protection contre l'écriture (protection des données).

BEDIENUNGSANLEITUNG

* Bitte lesen Sie diese Anleitung vor Ingebrauchnahme dieses Produktes sorgfältig durch.

Bei diesem Produkt handelt es sich um eine auswechselbare Speicherkarte, auf der Bilddaten aufgezeichnet, gelöscht und erneut aufgezeichnet werden können. Diese Karte ist für Olympus Digitalkameras mit xD-Picture Card-Kompatibilität vorgesehen. Die Karte ist bereits ab Werk formatiert und kann sofort verwendet werden. Mit einem als Sonderzubehör erhältlichen PC-Kartenadapter kann diese Karte auch als PCMCIA ATA Flash Memory-Karte verwendet werden.

Hinweise: • In dieser Karte ist ein nicht-flüchtiger Halbleiterspeicher eingebaut. Bei unsachgemäßem Gebrauch der Karte kann es zu Datenverlust kommen. • Diese Karte ist nicht mit dem SmartMedia-Kartenformat kompatibel. • Lesen Sie auch die Bedienungsanleitung des Geräts, in dem diese Karte verwendet werden soll. • Diese Karte ist nicht mit Schreibschutz (Datenlöschschutz) versehen.

INSTRUCCIONES

* Lea detenidamente estas instrucciones antes de emplear el producto.

Este producto es una tarjeta de memoria extraíble, que puede grabar, borrar o regrabar datos de imagen. Esta tarjeta ha sido especialmente diseñada para cámaras digitales Olympus, las cuales son compatibles con Tarjetas xD-Picture Card, y ha sido formateada para uso inmediato. Con el adaptador opcional de tarjeta PC, puede funcionar como tarjeta de memoria instantánea PCMCIA ATA.

Notas: • Esta tarjeta utiliza una memoria semiconductor no volátil incorporada. Sin embargo, los datos de la tarjeta pueden ser destruidos por el uso incorrecto. • Esta tarjeta NO es compatible con tarjetas SmartMedia. • Lea también el manual de instrucción del dispositivo con el cual la tarjeta será utilizada. • Esta tarjeta no está protegida contra escritura (protección de datos).

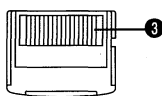
說明書

* 使用本產品前請仔細閱讀本說明書。

本產品乃 SSFDC (固態軟碟卡) 可移動儲存卡，能記錄、刪除或重新記錄影像資料。本卡是專為相容 xD-Picture Card 的 Olympus 數碼照相機設計的，已經格式化，可立即使用。若配備選購的 PC 卡轉接器，本卡也可用作 PCMCIA ATA 閃存卡。

註：• 本卡使用內置式非易失性半導體記憶體。但卡上的資料可能會因使用不當而被破壞。• 本卡與 SmartMedia 不相容。• 也請閱讀本卡的使用說明書。• 本卡不具備寫保護 (資料保護) 功能。

NAMES OF PARTS / NOMS DES PIÈCES / PRODUKTBSCHREIBUNG / NOMBRES DE LAS PARTES / 部件名稱



- 1 Zone index**
Écrire ici le contenu de la carte.
- 2 Capacité mémoire**
Montre la taille de la carte (16/32/64/128/256/512Mo).
- 3 Zone de contact**
L'appareil lit la carte à cet endroit. Ne pas toucher.

- 1 Area de índice**
Escriba el contenido de la tarjeta aquí.
- 2 Capacidad de memoria**
Muestra el tamaño de la tarjeta (16/32/64/128/256/512MB).
- 3 Area de contacto**
La cámara lee la tarjeta aquí. No tocar.

- 1 Index area**
Write the card's contents here.
- 2 Memory capacity**
Shows the size of the card (16/32/64/128/256/512MB).
- 3 Contact area**
The camera reads the card here. Do not touch.

- 1 Indexkettbereich**
Kann mit Angaben zum Karteninhalt etc. beschriftet werden.
- 2 Speicherkapazität**
Zeigt die Speicherkapazität der Karte an (16/32/64/128/256/512MB).
- 3 Kontaktbereich**
Hier liest die Kamera die Kartendaten. Niemals berühren.

- 1 索引區**
在此寫入本卡的內容。
- 2 儲存容量**
表示本卡的大小 (16/32/64/128/256/512MB)。
- 3 接觸區**
照相機在此讀取本卡。請勿觸摸。

CONTENTS / CONTENU / INHALT / INDICE / 內容



• xD-Picture Card (1)



- Instructions (this sheet)
- Mode d'emploi (cette feuille)
- Bedienungsanleitung (dieses Falblatt)
- Instrucciones (esta hoja)
- 說明書 (本頁)

SPECIFICATIONS / FICHE TECHNIQUE / TECHNISCHE DATEN / ESPECIFICACIONES/ 規格

Type	: xD-Picture Card
Memory type	: NAND flash EEPROM
Memory capacity	: 16MB (M-XD16P), 32MB (M-XD32P), 64MB (M-XD64P), 128MB (M-XD128P), 256MB (M-XD256P), 512MB (M-XD512P)
Operating voltage	: 3V (3.3V)
Dimensions (L x W x H)	: Approx. 20 x 25 x 1.7 mm/0.8 x 1.0 x 0.07 in.
Type	: Carte xD-Picture Card
Type de mémoire	: Flash EEPROM NAND
Capacité mémoire	: 16Mo (M-XD16P), 32Mo (M-XD32P), 64Mo (M-XD64P), 128Mo (M-XD128P), 256Mo (M-XD256P), 512Mo (M-XD512P)
Tension de fonctionnement	: 3V (3.3V)
Dimension (P x L x H)	: 20 x 25 x 1,7 mm environ
Type	: xD-Picture Card
Speichertyp	: NAND Flash EEPROM
Speicherkapazität	: 16MB (M-XD16P), 32MB (M-XD32P), 64MB (M-XD64P), 128MB (M-XD128P), 256MB (M-XD256P), 512MB (M-XD512P)
Betriebsspannung	: 3V (3.3V)
Abmessungen (L x B x H)	: Ca. 20 x 25 x 1,7 mm

Tipo	: Tarjeta xD-Picture Card
Tipo de memoria	: NAND flash EEPROM
Capacidad de memoria	: 16MB (M-XD16P), 32MB (M-XD32P), 64MB (M-XD64P), 128MB (M-XD128P), 256MB (M-XD256P), 512MB (M-XD512P)
Tensión de funcionamiento	: 3V (3.3V)
Dimensiones (Longitud x Ancho x Altura)	: Aprox. 20 x 25 x 1,7 mm
類型	: xD-Picture Card
記憶體類型	: NAND 閃存 EEPROM
儲存容量	: 16MB (M-XD16P), 32MB (M-XD32P), 64MB (M-XD64P), 128MB (M-XD128P), 256MB (M-XD256P), 512MB (M-XD512P)
工作電壓	: 3V (3.3V)
尺寸 (長×寬×高)	: 約 20×25×1.7mm

HANDLING PRECAUTIONS / PRÉCAUTIONS DE MANIPULATION / SICHERHEITSHINWEISE / PRECAUCIONES PARA MANIPULACION / 操作注意事項

Symbols / Symboles / Symbole / Símbolos / 符號	Meanings of the symbols / Signification des symboles / Erläuterung / Significado de los símbolos / 符號的含義
	<ul style="list-style-type: none"> This symbol indicates a prohibited action, which is displayed inside or next to the circle using a picture or caption. Ce symbole indique une action interdite, qui est affichée à l'intérieur ou près du cercle en utilisant une figure ou une illustration. Dieses Symbol kennzeichnet einen nicht zulässigen Handhabungsschritt, der im oder neben dem Kreis als Piktogramm oder Text dargestellt wird. Este símbolo indica una acción prohibida que es indicada dentro o próxima al círculo con una imagen o subtítulo. 該符號表示禁止的動作，用圖或說明顯示在圓圈內或圓圈旁。
	<ul style="list-style-type: none"> This symbol indicates things that must be done, which are listed inside or next to the circle using pictures or captions. Ce symbole indique les choses qui doivent être faites, qui sont indiquées à l'intérieur ou près du cercle en utilisant des figures ou des illustrations. Dieses Symbol kennzeichnet einen erforderlichen Handhabungsschritt, der im oder neben dem Kreis als Piktogramm oder Text dargestellt wird. Este símbolo indica acciones que deben ser realizadas y que están listadas dentro o próximas al círculo con imagen o subtítulo. 該符號表示必須做的事情，用圖或說明顯示在圓圈內或圓圈旁。

<p>⚠ WARNING Keep away from children. Danger of swallowing. If the card is swallowed, call a doctor, emergency or poison control center immediately.</p>	<p>⚠ AVERTISSEMENT Ne pas laisser à la portée des enfants. Risque d'ingestion. Si la carte est avalée, appeler immédiatement un médecin ou un centre de secours ou antipoison.</p>	<p>⚠ ACHTUNG Vor dem Zugriff von Kindern schützen. Gefahr bei Verschlucken. Falls eine Karte verschluckt wird, unverzüglich einen Arzt, Notarzt oder eine Gift-Notzentrale kontaktieren.</p>	<p>⚠ ADVERTENCIA Mantenga alejado de los niños. Peligo de tragarse. En el caso que la tarjeta sea tragada, llame a un médico, centro de emergencia o intoxicación, inmediatamente.</p>	<p>⚠ 警告 遠離兒童。 吞食危險。 如果吞食了本卡，應立即向醫生、急救中心或中毒控制中心求救。</p>
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The xD-Picture Card is a precision instrument. Handle it carefully, and do not bend it or subject it to physical shocks. Data may be destroyed if this product is used incorrectly, even though the data is saved in non-volatile semiconductor memory. To avoid accidental erase, transfer data to other media regularly such as a computer Hard Disk, CD, or MO drive. When formatting the xD-Picture Card, make sure that there is no important data on it. **Formatting the card erases all the existing data.** The panorama function remains for repeated use. Formatting must be done by the camera.

La carte xD-Picture Card est un instrument de précision. La manipuler avec soin, et ne pas la cintrer ni la soumettre à des chocs physiques. Des données risquent d'être détruites si ce produit est utilisé de façon incorrecte, même si les données sont sauvegardées dans une mémoire à semi-conducteur nonvolatile. Pour éviter un effacement accidentel, transférer régulièrement les données sur d'autres supports. Avant de formater la carte xD-Picture Card, s'assurer qu'elle ne contient pas d'informations importantes. **Formater la carte efface toutes les données existantes.** La fonction panorama reste pour un usage répété. Le formatage doit être effectué par l'appareil photo.

Die xD-Picture Card ist ein Präzisionsinstrument. Sorgfältig handhaben und niemals verbiegen oder heftigen Erschütterungen aussetzen. Falls dieses Produkt nicht einwandfrei gehandhabt wird, können die gespeicherten Daten unwiderruflich beschädigt werden, obwohl es sich bei diesem Produkt um einen nicht flüchtigen Halbleiterspeicher handelt. Zur Vermeidung von Datenverlust sollten die Daten regelmäßig auf andere Datenträger übertragen werden. Vor dem Formatieren der xD-Picture Card sicherstellen, dass diese keine wichtigen Daten enthält. **Der Formatiervorgang löscht alle vorhandenen Daten.** Die Panoramafunktion wird für wiederholten Gebrauch beibehalten. Die Formatierung muss in der Kamera erfolgen.

xD-Picture Card es un instrumento de precisión. Manipúlelo con precaución y no lo doble ni lo someta a choques físicos. Los datos pueden ser destruidos si este producto no es utilizado correctamente, aunque los datos estén guardados en una memoria de semiconductor no volátil. Para evitar borrados accidentales, transfiera los datos regularmente a otros dispositivos de media. Cuando formatee xD-Picture Card, asegúrese de que no haya datos importantes almacenados. **El formatear la tarjeta borra todos los datos existentes.** La función panorámica permanece activada para el uso repetido. El formateado debe ser realizado por la cámara.

xD-Picture Card 是一精密工具，請小心操作，不要彎折或使其遭受機械撞擊。不正確地使用本卡會損壞資料，包括保存在非易失性半導體記憶體中的資料。為避免資料的意外刪除，請將資料傳送至另一媒體上。格式化 xD-Picture Card 時，務必確保卡上沒有重要的資料。格式化卡會刪除所有的現存資料。全景功能可重複使用。必須由照相機進行格式化。

● Like all flash memory, the xD-Picture Card has a limited life span, and will eventually become incapable of performing WRITE/ERASE functions after long term use. When the media fails replace it with a new xD-Picture Card. ● When saving or erasing files from a personal computer using a PC card adapter, the minimum number of remaining pictures available may decrease. For best results, only format the card in the camera. This will reset the number of remaining pictures to the correct amount. ● When using this product with cameras of other brands, format it with that camera. If this is not done, the camera may not function properly.

* If the cautions listed are not followed, short-circuiting, smoking or fire may result.
 * Olympus is not responsible for lost or destroyed data in the xD-Picture Card, or for damage of data stored in other media.
 ● Comme toute carte flash, la carte xD-Picture Card a une durée de vie limitée, et deviendra éventuellement incapable d'effectuer les fonctions WRITE/ERASE après un usage de longue durée. Lorsque ce phénomène se produit, veuillez la remplacer par une nouvelle. ● En sauvegardant ou en effaçant des fichiers à partir d'un ordinateur personnel en utilisant un adaptateur de carte PC, le nombre minimum de vues restantes disponibles peut diminuer. Pour de meilleurs résultats, formater la carte que dans l'appareil photo. Ceci remettra le nombre de vues restantes à la valeur correcte. ● Pour utiliser ce produit avec un appareil photo d'une autre marque, le formater avec cet appareil photo. Si ce n'est pas fait, l'appareil peut ne pas fonctionner correctement.
 * Si les précautions citées ne sont pas respectées, un court-circuit, de la fumée ou un incendie peut se produire.
 * Olympus n'est pas responsable pour des pertes ou destructions de données dans la carte xD-Picture Card, ou pour des dommages de données stockées sur d'autre support.

● Die xD-Picture Card arbeitet mit Flash Memory-Technologie und hat eine begrenzte Lebensdauer. Dementsprechend sind nach längerem Gebrauch keine SCHREIB- oder LÖSCHVorgänge mehr durchführbar. In diesem Fall die verbrauchte xD-Picture Card durch eine neue ersetzen. ● Bei der Speicherung oder Löschung von PC-Dateien (unter Verwendung eines PC-Kartenadapters) kann sich die Mindestanzahl der verbleibenden Aufnahmen verringern. Zur optimalen Nutzung sollte die xD-Picture Card in der Kamera formatiert werden. Dies stellt sicher, dass die korrekte Anzahl der verbleibenden Aufnahmen eingestellt wird. ● Wird dieses Produkt in einer Kamera eines anderen Herstellers verwendet, muss eine Formatierung in dieser Kamera durchgeführt werden. Andernfalls kann es zu Funktionsbeeinträchtigungen der Kamera kommen.
 * Bei Nichtbeachtung der aufgelisteten Sicherheitshinweise besteht Kurzschlussgefahr mit Überhitzungs- und Feuergefahr.
 * Olympus kann für den Verlust oder die Zerstörung von Daten in der xD-Picture Card oder für Schäden an Daten auf anderen Datenträgern nicht verantwortlich gemacht werden.

● Como toda memoria instantánea, la tarjeta xD-Picture Card tiene una vida de servicio limitada y eventualmente será incapaz de ejecutar las funciones WRITE/ERASE después de largo tiempo. Cuando el medio falle, reemplázelo por una nueva tarjeta xD-Picture Card. ● Cuando almacene o borre archivos desde un computador personal empleando el adaptador de tarjeta PC, el número mínimo de fotografías restantes disponibles se reducirá. Para obtener mejores resultados, sólo formatee bara retirar la tarjeta en la cámara. Esto repositionará el número de fotografías restantes al número correcto.
 * Cuando utilice este producto con otras marcas de cámaras, formateela con esa cámara. Si esto no es efectuado, la cámara puede no funcionar debidamente.
 * Si no cumple con las precauciones listadas pueden producirse cortocircuitos, humo o fuego.
 * Olympus no se responsabiliza por la pérdida o destrucción de datos en la tarjeta xD-Picture Card ni por daños de datos almacenados en otros medios.

● 像所有的閃存卡一樣，xD-Picture Card 的使用壽命有限，長時期使用後，其寫入 / 刪除功能最終將無法執行。發生這種情況時，請更換新卡。
 ● 用 PC 卡轉接器從個人電腦保存或刪除檔案時，可用的最少剩餘影像數會減少。由照相機格式化要取出的插卡可將剩餘影像數恢復至正確數量。
 ● 本卡用於其他品牌的照相機時，請用那一照相機格式化本卡。如果不這麼做，照相機的功能可能無法正常工作。
 * 如果不遵守所列的注意事項，可能會發生短路、冒煙或起火。
 * Olympus 對丟失或破壞 xD-Picture Card 上的資料及損壞保存在其他媒體上的資料概不負責。

OPERATION / STORAGE ENVIRONMENT
 Operation temperature : 32 ~ 131°F/0 ~ 55°C
 Storage temperature : -4 ~ 149°F/-20 ~ 65°C
 Operation/Storage humidity : 95% or less
 * Do not expose the xD-Picture Card to temperature changes which cause condensation to form, even within the temperature range above. When carrying or storing, put it in the exclusive case.

AMBIANCE DE FONCTIONNEMENT / STOCKAGE
 Température de fonctionnement : 0 à 55°C
 Température de stockage : -20 à 65°C
 Humidité de fonctionnement/stockage : 95 % ou moins
 * Ne pas exposer la carte xD-Picture Card à des changements de température qui permettent la formation de condensation, même dans la gamme de température ci-dessus. Pour le transport ou le stockage, la mettre dans l'étui exclusif.

Arbeits-/Aufbewahrungsbedingungen
 Arbeitstemperatur : 0 ~ 55°C
 Lagertemperatur : -20 ~ 65°C
 Luftfeuchtigkeit : Maximal 95 %
 * Die xD-Picture Card niemals Temperaturschwankungen aussetzen, bei denen sich Kondensation entwickeln kann, selbst innerhalb des oben angegebenen Temperaturbereichs. Zum Transportieren oder Lagern in der dafür vorgesehenen Schutzhülle aufbewahren.

AMBIENTE DE FUNCIONAMIENTO / ALMACENAMIENTO
 Temperatura de funcionamiento : 0 - 55°C
 Temperatura de almacenamiento : -20 - 65°C
 Humedad de funcionamiento/almacenamiento : 95% o menos
 * No exponga xD-Picture Card a temperaturas que produzcan condensación, aunque estén dentro de los límites arriba indicados. Cuando traslade o guarde la tarjeta, colóquela en el estuche exclusivo.

操作 / 存放環境
 操作溫度 : 0~55°C
 存放溫度 : -20~65°C
 操作 / 存放濕度 : 95%以下
 *不要讓 xD-Picture Card 暴露在此處記錄的溫度變化(即是在上述溫度範圍內)條件下。攜帶或保存卡時，請將其放在專用的包內。

En

START HERE

These instructions will guide you through the installation and first time usage of this software. It is strongly recommended that you follow these procedures step-by-step.

1 CD contents

This CAMEDIA Master disc contains the following selections:

- CAMEDIA Master 4.1 is used to download pictures from the camera, view, organize, retouch, and print your digital photos and movies.
- USB Driver (**Windows 98 only**) utility must be installed to allow the camera to communicate with a Windows 98 computer.
- Digital camera Reference Manual (in Acrobat PDF format).

2 System requirements

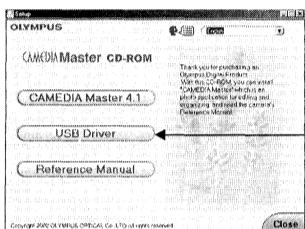
	Windows	Macintosh
CPU	Pentium II or later	Power PC G3 or later
RAM	64MB or greater	40MB or greater for applications
HD space	120MB minimum available	120MB minimum available
Required software	Windows 98, 98SE, Me, 2000, XP	Mac OS 9.0 or later/OS X 10.1
Interface	USB Port	USB Port

- * This software is intended for a single user. Windows server versions and installation on a network fileserver are not supported.
- * Windows 98 upgrade (from Windows 95) is not supported.
- * Mac OS 8.6 users need to install the Apple USB Mass Storage Support 1.3.5 update to connect a USB Olympus camera (available for download from www.apple.com).

3 Software installation

Windows

1. Insert the CD into the CD-ROM drive of your computer. The CD should start automatically. If the menu does not start, go to "Start" → "Run" and type in `d:\setup.exe` (where *d:* is your CD-ROM drive).
2. The screen below appears.



This button only appears when the USB Driver has not been previously installed on a Windows 98 PC.

3. Choose the appropriate language.
4. Install the USB Driver for Windows 98. **If the "USB Driver" button does not appear in the menu, skip to Step #5.**

Click the "USB Driver" button to begin installing the driver.

1. Click "Continue" and the USB driver installation will automatically start.
2. When the installation is complete, click "OK" to restart your computer.
3. Eject the CD and then return to Step #1 Windows Software Installation.

5. Click the "CAMEDIA Master 4.1" button to start the installation.

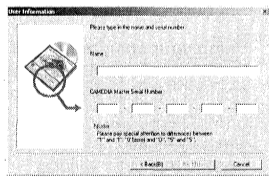
CAMEDIA Master requires the Apple QuickTime program. If QuickTime 5 is not installed on your computer, the Setup program will automatically run.

If QuickTime has already been installed on your computer, the installation routine will skip directly to Step #6.

1. To continue installing QuickTime, follow the on-screen prompts. We recommend using all of the suggested settings.
2. When the "QuickTime Settings" window appears, click "Next" for the first two and "Finish" for the last.
3. A screen will appear informing you when the installation is complete. Click "Close" to finish the QuickTime installation.

6. The CAMEDIA Master setup window will appear. Follow the on-screen instructions to continue.

7. You will be prompted for User Information. Type your name in the Name field. Locate the CAMEDIA Master 4.1 CD envelope. Find the CAMEDIA Master 4.1 serial number that is printed on an affixed label.



Enter the numbers and letters in the appropriate fields. Click "Next" and continue following the on-screen prompts. We recommend using all of the suggested settings.

The Acrobat Reader installation window may appear. Adobe Acrobat Reader is used to read the electronic documentation supplied for the camera and software. If you click "OK", Acrobat Reader setup will begin.

If Acrobat Reader has already been installed, the installation routine will skip directly to Step #8.

1. To install Acrobat Reader, follow the on-screen prompts. We recommend using all of the suggested settings.

8. When the "Setup of CAMEDIA Master 4.1 has been completed" dialog box appears, click "Finish".
9. A README file is displayed. When you are finished reviewing the information, close the window. The screen returns to the Olympus Software Setup Menu.
NOTE: If you are prompted to install the USB Driver, follow the on-screen prompts to complete the installation.

10. Reading the Camera Reference Manual

The complete Reference Manual for your camera is available on the CAMEDIA Master 4.1 CD. This manual contains full information on the usage and functions of your camera. The Reference Manual can be viewed on screen or printed. To access the Reference Manual:

- a. Click on "Reference Manual" to launch Acrobat Reader and display the manual.
- b. When you are finished viewing the manual, close the Acrobat program.

11. Closing the Olympus Software Menu

- a. After you have completed all selections from the Setup Menu, click "Close" to exit from the window. Remove the CD and store the disc in the provided envelope.

Macintosh

1. **Installing CAMEDIA Master 4.1**

- a. Insert the CAMEDIA Master software CD into your CD-ROM drive. The CD-ROM window automatically appears. If the screen does not appear, find the CD-ROM icon on your desktop and double-click it.



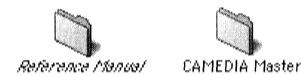
- b. Double-click on the desired language icon.



- c. Double-click the folder that matches your operating system.



- d. Double-click on the CAMEDIA Master folder.



- e. Double-click the "CAMEDIA Master Installer" icon.



- f. Follow the on-screen prompts to continue installing the program. We recommend using all of the suggested settings.

- g. When the CAMEDIA Master installation is complete, you may be prompted to restart your computer. After your computer has finished restarting, proceed to the next section "Installing QuickTime 5.0".

2. **Installing QuickTime 5.0**

CAMEDIA Master requires the Apple QuickTime program to be installed. You can skip this section if this program has already been installed on your computer. If your Macintosh has an earlier version of QuickTime, you must install version 5.0.

NOTE: Mac OS X users can skip to Step #4 "Reference Manual" since QuickTime is pre-installed on your Macintosh.

- a. Follow Step #1b through 1d of the Macintosh CAMEDIA Master installation procedure.
- b. Double-click the "QuickTime Installer" icon. The "Welcome to QuickTime 5 installation" window appears.
- c. Follow the on-screen prompts to continue installing the program. We recommend using all of the suggested settings.
- d. When the QuickTime Settings dialog boxes appear, click "Next" twice and then "Finish".
- e. You may be prompted to restart your computer. After your computer has finished restarting, proceed to the next section "Installing Acrobat Reader 4.0".

3. **Installing Acrobat Reader 4.0**

Adobe Acrobat Reader is used to read the electronic documentation supplied for the camera and software. Users who already have Acrobat Reader 4.0 or later installed on their computers can skip this section.

NOTE: Mac OS X users can skip to Step #4 "Reference Manual" since Acrobat Reader is pre-installed on your Macintosh.

- a. Follow Step #1b through 1d of the CAMEDIA Master installation procedure.
- b. Double-click the "Acrobat Reader Installer" icon.
- c. The Acrobat Reader 4.0 installation window appears. Follow the on-screen prompts to continue installing the program. We recommend using all of the suggested settings.
- d. When the installation routine is finished, click "Quit". Close all open windows.

4. **Reference Manual**

The Reference Manual for your camera is available on the CAMEDIA Master CD. This manual contains full information on the usage and functions of your camera. The Reference Manual can be viewed on screen or printed. To access the Reference Manual:

- a. Follow Step #1a through 1c of the CAMEDIA Master installation procedure.
- b. Double-click the "Reference Manual" folder.
- c. To read the manual from the CD, double-click the PDF file.
- d. You can also copy the manual to your computer hard drive for easy access. Drag-and-drop the PDF file to the Desktop or a desired folder location.

5. **Installation completion**

- a. After you have completed installing the programs and viewing the documentation, you may remove CD. Store the disc in the provided envelope.

4 Downloading images from a camera (for Windows and Macintosh)

1. Connecting the camera to your computer

- a. Connect the camera to your computer and turn it on as illustrated in the camera's Quick Start Guide, Basic Manual, or Reference Manual.

Note for first time connection:

Windows:

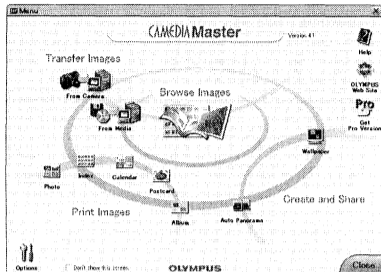
When your camera is connected for the first-time, the "Add New Hardware Wizard" will configure your camera connection. This may take a few moments to complete but no action is required. You may also be prompted to select a default action when your camera is connected. We recommend selecting CAMELIA Master.

Macintosh OS X:

The iPhoto program is the default application for managing digital images. When you connect your digital camera for the first time, an iPhoto dialog box will display an "Open Automatically" prompt. If you wish to use CAMELIA Master to handle your digital images, click "No" and then Quit the iPhoto application.

2. Downloading images using CAMELIA Master

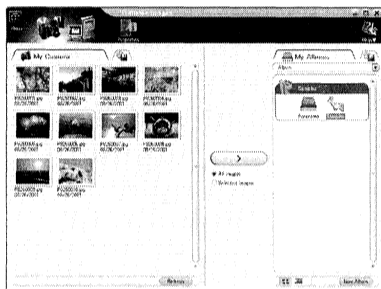
- a. To start CAMELIA Master, double-click the icon on the desktop. The CAMELIA Master main menu appears.



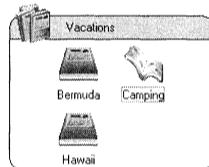
Note for Macintosh users:

The first time you start the program, a dialog box will appear prompting you for User Information. Type your name in the Name field. Locate the CAMELIA Master 4.1 CD envelope. Enter the CAMELIA Master 4.1 serial number that is printed on an affixed label.

- b. In the main menu, click "From Camera". The thumbnails of all the images in the camera appear on the left-hand side of the screen.

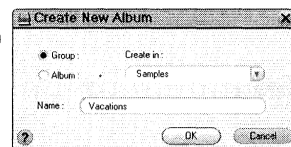


- c. CAMELIA Master allows you to organize your photos using Groups and Albums. Within each Group, you can create one or more Albums to store your pictures. For example, a Group called "Vacations" can contain Albums representing each set of vacation pictures. Images can only be stored in an Album.



To organize your photos, we recommend creating a New Album each time you download a set of pictures. For example, storing pictures in an Album named by the date (ex. Jan 1, 2003. will make it easier to find photos if you take a lot of pictures. The right-hand side of the window will show all available Groups and Albums.

- i. To create a new Group, click the "New Album" button in the lower right-hand corner. Select "Group" and then type in a name for your new group in the name field. Click "OK" to create the group.

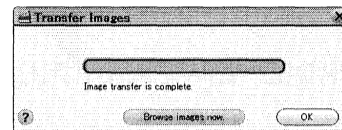


- ii. To create a new Album, single-click the Group where you want to put the new album and then click the "New Album" button in the lower right-hand corner. Type in a name for your new album and click "OK". Find the newly created album (albums are sorted alphabetically) and click to open it.

- d. Click the yellow transfer button in the center of the window to transfer all images to the selected Album. Copying of camera images starts.



- e. A message will inform you when the image transfer is complete. The pictures are now stored on your computer.



- f. Click the "Browse Images Now" button to view the pictures stored on your computer.

- g. Click the "Menu" button in the upper left-hand corner to return to the CAMELIA Master Main Menu.



3. Disconnecting the camera

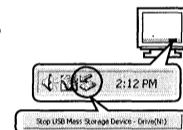
- a. Close the CAMELIA Master program before disconnecting the camera.
b. Verify that media card access indicator is not blinking. Some camera models have either a lamp on the right of the viewfinder or a card access lamp. The location varies depending on the model.

Windows 98

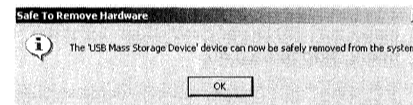
- i. Simply turn off the camera and disconnect the cable. It is not necessary to disconnect the USB cable from the computer.

Windows ME/2000/XP

- i. Single-click the "Unplug or Eject Hardware" icon in the System Tray (where the clock is located).
ii. The message "Safely Remove USB Mass Storage Device" or "Stop USB Mass Storage Device" appears. Single-click the message.
iii. When a confirmation window appears, click "OK".

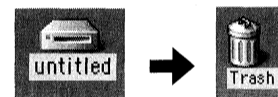


- iv. Remove the USB cable from the camera. It is not necessary to remove the USB cable from your computer.



Macintosh

- i. Drag the "untitled" icon on the desktop to "Trash".
ii. Remove the USB cable from the camera. It is not necessary to remove the USB cable from your computer.



4. Erasing the pictures from your camera

- a. Once you are sure that your pictures are safely transferred to your computer, feel free to erase the pictures on the camera so that you can reuse the media card. Refer to the printed Basic Manual for more information on this procedure.

5 Enjoy your images!

Once you have downloaded your images into a computer, your photographic creativity is limited only by your imagination. You can retouch and enhance any saved images. Merge them with other graphic elements to design new images or panoramic scenes. Create greeting cards, calendars, postcards, newsletters, and slide presentations in brilliant colors. The possibilities are endless!

Learning more about CAMELIA Master

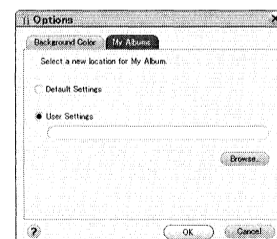
To take full advantage of the Olympus CAMELIA Master image editing and manipulation features, refer to the Help document under the help icon or the CAMELIA Master Reference Manual located in the program folder. Please note that the **PRO** symbol in the manual indicates functions available when using the CAMELIA Master Pro version.

CAMELIA Master Pro – In addition to the functions in version 4.1, CAMELIA Master Pro features extra functions such as movie editing, contact sheet printing, E-mail, HTML album, free image stitching, and slide show. The Pro version lets you do even more with your digital camera! You can purchase a CAMELIA Master Pro license by clicking the "Get Pro Version" icon in the Main Menu.

Using your camera images in other applications

Using your pictures in other program applications is easy. For example, you can send your pictures using an e-mail program by simply attaching the image file to an e-mail message. CAMELIA Master will store your pictures within Albums. To find the directory location of the Album, click the "Options" button on the main CAMELIA Master window.

In the Options Window, click the "My Albums" tab. **Note the Default Settings folder location.** You will need to navigate to this location to find your pictures when using other applications. You can also change this path to the location of your choice. CAMELIA Master will even move your pictures to the new location if you change this option.



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8:00 AM - 10:00 PM ET
Monday - Friday

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OLYMPUS

Digital camera

Appareil photo numérique

Digitalkamera

Cámara digital

數碼照相機

数码相机

English

Safety Precautions

Français

Précautions de sécurité

Deutsch

Sicherheitshinweise

Español

Precauciones de seguridad

中文(繁體)

安全注意事項

中文(简体)

安全注意事项

English

P.4 – P.14

For your safety

Before using your new camera, please read this leaflet and other instructions carefully to better enjoy its performance and a longer service life. Keep this leaflet in a safe place for future reference.

If you have problems

- Do not use the camera if it is not operating correctly. Take the battery out or unplug the AC adapter immediately, and consult your dealer or authorized Olympus service center.
- All contents of this publication are subject to change without notice.
- If you have questions about any points, or find mistakes or omissions, please contact us.

Français

P.15 – P.26

Pour votre sécurité

Avant d'utiliser votre appareil photo, veuillez lire attentivement cette brochure et les autres instructions de manière à obtenir les meilleurs résultats possibles et une haute longévité. Conservez cette brochure soigneusement afin de pouvoir vous y reporter ultérieurement.

En cas de problème

- Ne pas utiliser l'appareil s'il semble ne pas fonctionner correctement. Sortir immédiatement la batterie ou débrancher l'adaptateur secteur, et le faire vérifier par un revendeur ou par un centre de dépannage autorisé.
- Le contenu de cette publication est modifiable sans préavis.
- Si vous avez des questions sur certains points, si vous relevez des erreurs ou omissions, veuillez nous contacter.

Deutsch

S.27 – S.39

Zu Ihrer Sicherheit

Bitte lesen Sie vor dem Gebrauch Ihrer neuen Kamera diese Broschüre und die Bedienungsanleitung sorgfältig, um eine sachgemäße Handhabung und lange Nutzungsdauer zu gewährleisten. Bewahren Sie diese Broschüre bitte zur späteren Bezugnahme auf.

Falls Probleme auftreten

- Bei Betriebsstörungen dürfen Sie die Kamera nicht weiter verwenden. Entnehmen Sie die Batterie oder trennen Sie das Netzteil ab und wenden Sie sich umgehend an Ihren Olympus Service.
- Änderungen des Inhaltes dieser Broschüre sind jederzeit ohne Vorankündigung vorbehalten.
- Falls Sie Fragen zu dieser Broschüre haben oder fehlerhafte oder unvollständige Angaben feststellen, wenden Sie sich bitte an uns.

Español ————— **P.40 – P.51**

Para su seguridad

Antes de utilizar la nueva cámara, sírvase leer este manual y las otras instrucciones cuidadosamente para disfrutar mejor de sus prestaciones y de una vida de servicio más prolongada. Mantenga este manual en un lugar seguro para su futura referencia.

En el caso de tener problemas

- No utilice la cámara si no está funcionando correctamente. Retire la pila o desenchufe el adaptador CA inmediatamente y consulte a su distribuidor o a un centro de servicio autorizado Olympus.
- El contenido total de esta publicación está sujeto a cambios sin previo aviso.
- Si tiene alguna duda sobre algunos puntos o encuentre errores u omisiones, sírvase contactarnos.

中文 (繁體) ————— **P.52 – P.61**

為您安全起見

在使用新照相機之前，請仔細閱讀本說明書和其他材料，以便更好地發揮其性能並延長其壽命。妥善保管本說明書以備今後參考。

如果出現問題

- 如果照相機工作有所失常，請勿繼續使用。立即取出電池或斷開 AC 轉接器，並向您的經銷商或 Olympus 授權的服務中心諮詢。
- 本說明書的內容如有變動，恕不另行通知。
- 如果您在任何方面有疑問或發現錯誤、遺漏，請與我們聯繫。

中文 (简体) ————— **P.62 – P.71**

為您安全起見

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- 本說明書的內容如有變動，恕不另行通知。
- 如果您在任何方面有疑問或發現錯誤、遺漏，請與我們聯繫。

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For customers in the U.S.A — FCC Notice

●Radio and Television Interference

Change or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment. 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:

- Adjust or relocate the receiving antenna.
- Increase the distance between the camera and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

Only the OLYMPUS-supplied USB or IEEE1394 cables should be used to connect the camera to USB or IEEE1394-enabled personal computers (PC).

Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

For customers in Canada

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

For customers in Europe

“CE” mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.

SAFETY PRECAUTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED OLYMPUS SERVICE PERSONNEL.



Lightning flash with an arrowhead, enclosed in a triangle, alerts you to the presence of uninsulated voltage points inside the product which could cause a serious electrical shock.



An exclamation mark enclosed in a triangle alerts you to important operating and maintenance instructions in the documentation provided with the product.

WARNING!

TO AVOID THE RISK OF FIRE OR ELECTRICAL SHOCK, NEVER EXPOSE THIS PRODUCT TO WATER OR OPERATE IN A HIGH HUMIDITY ENVIRONMENT.

General Precautions

Read All Instructions — Before you use the product, read all operating instructions. For more information on accessories such as the lithium ion battery, charger and AC adapter, refer to the manuals provided with those products.

Save These Instructions — Save all safety and operating instructions for future reference.

Heed Warnings — Read carefully and follow all warning labels on the product and those described in the instructions.

Follow Instructions — Follow all instructions provided with this product.

Cleaning — Always unplug this product from the wall outlet before cleaning. Use only a damp cloth for cleaning. Never use any type of liquid or aerosol cleaner, or any type of organic solvent to clean this product.

Attachments — For your safety, and to avoid damaging the product, use only accessories recommended by Olympus.

Water and Moisture — Never use this product around water (near a bathtub, kitchen sink, laundry tub, wet basement, swimming pool or in the rain). For precautions on products with weatherproof designs, read the weatherproofing sections of their manuals.

Location — To avoid damage to the product and prevent personal injury, never place this product on an unstable stand, tripod, bracket, table or cart. Mount only on a stable tripod, stand, or bracket. Follow the instructions that describe how to safely mount the product, and use only the mounting devices recommended by the manufacturer.

Power Sources — Connect this product only to the power source described on the product label. If you are not sure about the type of power supply in your home, consult your local power company.

Refer to your operating instructions for information on using the product with a battery.

Grounding, Polarization — If this product can be used with a specified AC adapter, the adapter may be equipped with a polarized alternating current line plug (a plug with one blade wider than the other). This safety feature allows the plug to fit into the power outlet only one way. If you cannot insert the plug into the wall outlet, pull it out, reverse it, and then reinsert it. If the plug still fails to fit, contact an electrician and have the receptacle replaced.

Protecting the Power Cord — The power supply cord should be placed so it will not be walked on. Never put a heavy object on the power cord or wrap it around the leg of a table or chair. Keep the area around the power cord connection points, at the power outlet, and at the product connection, free of all AC adapter or accessory power cords.

Lightning — If a lightning storm occurs while using a specified AC adapter, remove it from the wall outlet immediately. To avoid damage from unexpected power surges, always unplug the AC adapter from the power outlet and disconnect it from the camera when the camera is not in use.

Overloading — Never overload wall outlets, extension cords, power strips, or other power connection points with too many plugs.

Foreign Objects, Liquid Spillage — To avoid personal injury caused by fire or electrical shock from contact with internal high voltage points, never insert a metal object into the product. Avoid using the product where there is a danger of spillage.

Heat — Never use or store this product near any heat source such as a radiator, heat register, stove, or any type of equipment or appliance that generates heat, including stereo amplifiers.

Servicing — Refer all servicing to qualified personnel. Attempting to remove the covers or disassemble the product, could expose you to dangerous high voltage points.

Damage Requiring Service — If you notice any of the conditions described below while using a specified AC adapter, unplug it from the wall outlet and refer servicing to qualified service personnel:

- a) Liquid has been spilled onto the product or some other object has fallen into the product.
- b) The product has been exposed to water.

SAFETY PRECAUTIONS

- c) The product does not operate normally despite following operating instructions. Adjust only the controls described in the operating instructions as improper adjustment of other controls could damage the product and require extensive repair work by a qualified technician.
- d) The product has been dropped or damaged in any way.
- e) The product exhibits a distinct change in performance.

Replacement Parts — When replacement parts are required, make sure that the service center uses only parts with the same characteristics as the originals, as recommended by the manufacturer. Unauthorized substitution of parts could result in fire, electrical shock, or create other hazards.

Safety Check — Upon completion of servicing or repairs, ask the service technician to perform safety checks to determine that the product is in good working order.



If the product is used without observing the information given under this symbol, serious injury or death may result.



If the product is used without observing the information given under this symbol, injury or death may result.



If the product is used without observing the information given under this symbol, minor personal injury, damage to the equipment, or the loss of valuable data may result.

Handling the Camera



WARNING

- ☞ **Do not use the camera near flammable or explosive gases.**
 - To avoid causing a fire or explosion, never use the camera near flammable or explosive gases.
- ☞ **Do not use the flash on people (infants, small children, etc.) at close range.**
 - Use caution when taking flash pictures at close range. When you fire the flash, you must be at least 1m (3ft) away from the faces of your subjects, especially when taking pictures of infants and small children. Firing the flash too close to the subject's eyes could cause a momentary loss of vision.
- ☞ **Keep young children and infants away from the camera.**
 - Always use and store the camera out of the reach of young children and infants to prevent the following dangerous situations which could cause serious injury:
 - Becoming entangled in the camera strap, causing strangulation.
 - Accidentally swallowing the battery, cards or other small parts.
 - Accidentally firing the flash into their own eyes or those of another child.
 - Accidentally being injured by the moving parts of the camera.
- ☞ **Do not look at the sun or strong lights with the camera.**
 - To avoid damaging your eyes, never aim the camera directly into the sun, or any other extremely bright light source.
- ☞ **Do not touch a charging battery or the battery charger until charging is finished and the battery have cooled.**
 - The battery and battery charger become hot while charging. A specified AC adapter also becomes hot during long use. At these times, they may cause minor burns.
- ☞ **Do not use or store the camera in dusty or humid places.**
 - Using or storing the camera in dusty or humid places may result in a fire or electric shock.
- ☞ **Do not cover the flash with a hand while firing.**
 - Do not cover the flash with a hand while firing or touch it after it has just been fired. It may be hot and cause minor burns. Avoid using the flash for extended periods.
- ☞ **Do not take apart or modify the camera.**
 - Never attempt to disassemble the camera. The internal circuits contain high voltage points which could cause serious burns or electrical shock.

SAFETY PRECAUTIONS

Do not let water or foreign objects inside the camera.

- If the camera is accidentally dropped in water, or if liquid is spilled into the camera, stop using it, allow it to dry, and then remove the battery. Contact the nearest authorized Olympus service center.



CAUTION

Stop using the camera immediately if you notice any unusual odors, noise, or smoke around it.

- If you notice any unusual odors, noise, or smoke around the camera during operation, switch it off immediately — and disconnect a specified AC adapter (if attached). Allow the camera to sit idle for a few minutes to cool. Take the camera outdoors, away from flammable objects, and carefully remove the battery. Never remove the battery with bare hands, which may cause a fire or burn your hands. Contact the nearest Olympus service center immediately.

Do not use the camera with wet hands.

- To avoid dangerous electrical shock, never hold or operate the camera with wet hands.

Do not leave the camera in places where it may be subject to extremely high temperatures.

- Doing so may cause parts to deteriorate and, in some circumstances, cause the camera to catch fire. Do not use the charger or AC adapter if it is covered (such as a blanket). This could cause overheating, resulting in fire.

Handle the camera with care to avoid getting a low-temperature burn.

- When the camera contains metal parts, overheating can result in a low-temperature burn. Pay attention to the following:
 - When used for a long period, the camera will get hot. If you hold on to the camera in this state, a low-temperature burn may be caused.
 - In places subject to extremely cold temperatures, the temperature of the camera's body may be lower than the environmental temperature. If possible, wear gloves when handling the camera in cold temperatures.

Be careful with the strap.

- Be careful with the strap when you carry the camera. It could easily catch on stray objects — and cause serious damage.

 **Use only the AC adapter specified by Olympus.**

- Never use any AC adapter except one specified by Olympus. Using a different AC adapter may damage the camera or power source, or result in accidents or fire. Ensure the adapter used is designed for your region or country. For more information, contact the nearest Olympus service center or the store of purchase. Olympus makes no representations or warranties regarding any damages caused by AC adapters not recommended by Olympus.

 **Do not damage the power-supply cord.**

- Never pull or modify the power-supply cord of the AC adapter or accessories. Make sure only the plug is securely held during insertion and removal from the outlet. Stop using the camera immediately, and contact the nearest Olympus service center or the store of purchase if:
 - The power-supply cord becomes hot, or it gives off smoke or unusual odors.
 - The power-supply cord is cut or damaged, or the plug has a faulty contact.



CAUTION FOR USAGE ENVIRONMENT

- To protect the high-precision technology contained in this product, never leave the camera in the places listed below, no matter if in use or storage:
 - Places where temperatures and/or humidity are high or go through extreme changes. Direct sunlight, beaches, locked cars, or near other heat sources (stove, radiator, etc.) or humidifiers.
 - In sandy or dusty environments.
 - Near flammable items or explosives.
 - In wet places, such as bathrooms or in the rain. When using products with weatherproof designs, read their manuals as well.
 - In places prone to strong vibrations.
- Never drop the camera or subject it to severe shocks or vibrations.
- When mounted on a tripod, adjust the position of the camera with the tripod head. Do not twist the camera.
- Do not touch electric contacts on cameras and interchangeable lenses. Remember to attach the cap when removing the lens.
- Do not leave the camera pointed directly at the sun. This may cause lens or shutter curtain damage, color failure, ghosting on the CCD, or may possibly cause fires.
- Do not push or pull severely on the lens.

SAFETY PRECAUTIONS

- Before storing the camera for a long period, remove the battery. Select a cool, dry location for storage to prevent condensation or mold from forming inside the camera. After storage, test the camera by turning it on and pressing the shutter release button to make sure that it is operating normally.
- Always observe the operating environment restrictions described in the camera's manual.

Battery handling precautions

Follow these important guidelines to prevent batteries from leaking, overheating, burning, exploding, or causing electrical shocks or burns.



DANGER

- This camera uses an lithium ion battery specified by Olympus. Charge batteries with the specified charger. Do not use any other chargers.
- Never heat or incinerate batteries.
- Take precautions when carrying or storing batteries to prevent them from coming into contact with any metal objects such as jewelry, pins, fasteners, etc.
- Never store batteries where they will be exposed to direct sunlight, or subjected to high temperatures in a hot vehicle, near a heat source, etc.
- To prevent causing battery leaks or damaging their terminals, carefully follow all instructions regarding the use of batteries. Never attempt to disassemble a battery or modify it in any way, by soldering, etc.
- If battery fluid gets into your eyes, flush your eyes immediately with clear, cold running water and seek medical attention immediately.
- Always store batteries out of the reach of small children. If a child accidentally swallows a battery, seek medical attention immediately.



WARNING

- Keep batteries dry at all times. Never allow them to come into contact with fresh or salt water.
- To prevent batteries from leaking, overheating, or causing a fire or explosion, use only batteries recommended for use with this product.
- Insert the battery carefully as described in the operating instructions. Never load the battery with its +/- terminals reversed. Never force the battery into the battery compartment.
- If the rechargeable battery has not been recharged within the specified time, stop charging it and do not use it.
- Do not use a battery if it is cracked or broken.
- If a battery leaks, becomes discolored or deformed, or becomes abnormal in any other way during operation, stop using the camera and consult your dealer or an authorized Olympus service center. Continued use may result in fire or electric shock.
- If a battery leaks fluid onto your clothing or skin, remove the clothing and flush the affected area with clean, running cold water immediately. If the fluid burns your skin, seek medical attention immediately.
- Never attempt to modify the battery compartment on the camera, never insert anything (other than the recommended battery) into the battery compartment.
- Never subject batteries to strong shocks or continuous vibration.



CAUTION

- Before loading, always inspect the battery carefully for leaks, discoloration, warping, or any other abnormality.
- Olympus lithium ion batteries are intended for use only with Olympus digital cameras. To find out whether your camera can be used with these batteries, read your camera's manual.
- Always charge lithium ion batteries when using them for the first time, or if they have not been used for a long period.
- The battery may become hot during prolonged use. To avoid minor burns, do not remove it immediately after using the camera.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare batteries as warm as possible. Batteries which run down at low temperatures may be restored after they are warmed at room temperature.

SAFETY PRECAUTIONS

- Always unload the battery from the camera before storing the camera for a long period.
- Before using a rechargeable battery, be sure to read the instructions.
- The number of pictures you can take may vary depending on the shooting conditions or battery.
- Before going on a long trip, and especially before traveling abroad, purchase an ample supply of extra batteries. A recommended battery may be difficult to obtain while traveling.

LCD Monitor

- If your viewfinder is an LCD, do not point it toward strong light, such as the sun. This may damage the inside of the viewfinder.
- Do not push the monitor forcibly; otherwise the image may become vague, resulting in a Display mode failure or damage to the monitor.
- A strip of light may appear on the top/bottom of the monitor, but this is not a malfunction.
- When a subject is viewed diagonally in the camera, the edges may appear zigzagged on the monitor. This is not a malfunction; it will be less noticeable in Display mode.
- In places subject to low temperatures, the LCD monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. A LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for the viewfinder or the monitor is made with high-precision technology. However, black spots or bright spots of light may appear constantly on the LCD Monitor. Due to its characteristics or the angle at which you are viewing the monitor, the spot may not be uniform in color and brightness. This is not a malfunction.

OLYMPUS®

<http://www.olympus.com/>

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OLYMPUS DIGITAL CAMERA

オリンパス代理店リスト/オリンパスサービスステーション/カスタマーサポート

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North America

Technical Hotline Number

* For technical questions & support only (toll-free)

USA & Canada 1(888)553-4448

North American User Support home page address
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Canada:

Calgary **Alta Camera Service**
 1008-1 Street S.W.
 Calgary, Alberta T2R 1M2
 Tel: (403) 234-0400

Edmonton **Photo-Tech Camera Service Inc.**
 101 18119 105 Avenue
 Edmonton, Alberta T5S 2E1
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 1-800-794-3732

Mississauga **Nortown Photo Service**
 3045 Southcreek Road Unit 33
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Cambodia: **PCI Cambodia Co., Ltd.**
 (sales & service center)
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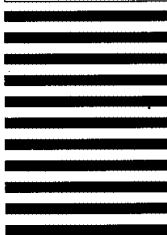
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32. Please check all that apply to your household.

- | | |
|---|--|
| 01. <input type="checkbox"/> Shop by Catalog/Mail | 07. <input type="checkbox"/> Have a Cat |
| 02. <input type="checkbox"/> Shop via the Internet | 08. <input type="checkbox"/> Own a Wireless/Cellular Phone |
| 03. <input type="checkbox"/> Member of Frequent Flyer Program | 09. <input type="checkbox"/> Subscribe to an Online/Internet Service |
| 04. <input type="checkbox"/> Donate to Charitable Causes | 10. <input type="checkbox"/> Speak Spanish |
| 05. <input type="checkbox"/> Own a Compact Disc Player | 11. <input type="checkbox"/> Own an Apple/Macintosh Computer |
| 06. <input type="checkbox"/> Have a Dog | 12. <input type="checkbox"/> Own a CD-ROM Drive |

33. To help us understand our customers' lifestyles, please indicate the interests and activities in which you or your spouse enjoy participating on a regular basis.

- | | | |
|--|---|--|
| 01. <input type="checkbox"/> Bicycling | 18. <input type="checkbox"/> Buy Prerecorded Videos | 35. <input type="checkbox"/> Wines |
| 02. <input type="checkbox"/> Golf | 19. <input type="checkbox"/> Automotive Work | 36. <input type="checkbox"/> Stamp/Coin Collecting |
| 03. <input type="checkbox"/> Physical Fitness/Exercise | 20. <input type="checkbox"/> Electronics | 37. <input type="checkbox"/> Collectibles |
| 04. <input type="checkbox"/> Running/Jogging | 21. <input type="checkbox"/> Home Workshop/Do-It-Yourself | 38. <input type="checkbox"/> Our Nation's Heritage |
| 05. <input type="checkbox"/> Snow Skiing | 22. <input type="checkbox"/> Recreation Vehicles (RV's) | 39. <input type="checkbox"/> Real Estate Investments |
| 06. <input type="checkbox"/> Tennis | 23. <input type="checkbox"/> Listen to Records/Tapes/CDs | 40. <input type="checkbox"/> Stocks/Bond Investments |
| 07. <input type="checkbox"/> Camping/Hiking | 24. <input type="checkbox"/> Avid Book Reading | 41. <input type="checkbox"/> Contests/Sweepstakes |
| 08. <input type="checkbox"/> Fishing | 25. <input type="checkbox"/> Bible/Devotional Reading | 42. <input type="checkbox"/> Casino Gambling |
| 09. <input type="checkbox"/> Hunting/Shooting | 26. <input type="checkbox"/> Health/Natural Foods | 43. <input type="checkbox"/> Science Fiction |
| 10. <input type="checkbox"/> Powerboating | 27. <input type="checkbox"/> Photography | 44. <input type="checkbox"/> Wildlife/Environmental Issues |
| 11. <input type="checkbox"/> Sailing | 28. <input type="checkbox"/> Cultural/Arts Events | 45. <input type="checkbox"/> Dieting/Weight Control |
| 12. <input type="checkbox"/> Grandchildren | 29. <input type="checkbox"/> Fashion Clothing | 46. <input type="checkbox"/> Science/New Technology |
| 13. <input type="checkbox"/> Needlework/Knitting | 30. <input type="checkbox"/> Art/Antique Collecting | 47. <input type="checkbox"/> Self-Improvement |
| 14. <input type="checkbox"/> Sewing | 31. <input type="checkbox"/> Foreign Travel | 48. <input type="checkbox"/> Walking for Health |
| 15. <input type="checkbox"/> Flower Gardening | 32. <input type="checkbox"/> Cruise Ship Vacations | 49. <input type="checkbox"/> Watching Sports on TV |
| 16. <input type="checkbox"/> Vegetable Gardening | 33. <input type="checkbox"/> Travel in USA | 50. <input type="checkbox"/> Home Video Recording |
| 17. <input type="checkbox"/> Crafts | 34. <input type="checkbox"/> Gourmet Cooking/Fine Foods | 51. <input type="checkbox"/> Moneymaking Opportunities |

34. Using the numbers in the above list, please indicate your 3 most important activities:

Thanks for taking the time to fill out this questionnaire. Your answers will be used for market research studies and reports. They will also allow you to receive important mailings and special offers from a number of fine companies whose products and services relate directly to the specific interests, hobbies, and other information indicated above. Through this selective program, you will be able to obtain more information about activities in which you are involved and less about those in which you are not. Please check here if, for some reason, you would prefer *not* to participate in this opportunity.

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