OLYMPUS®

CAMEDIA
DIGITAL CAMERA

D-630 ZOOM
FE-5500
X-600
Advanced Manual

Detailed explanations of all the functions for getting the most out of your camera.

Basic Operation

Shooting

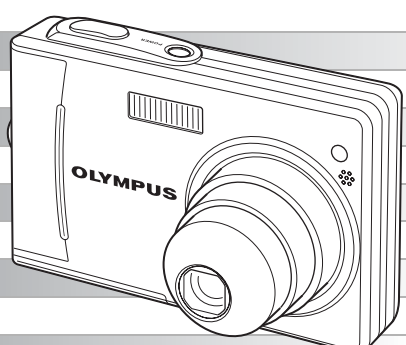
Playing Back

Printing

Online Pictures

Camera Settings

Troubleshooting



- 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.

How to use this manual

● Basic and Advanced Manuals

The instruction manual accompanying this camera is divided into two parts: the Basic Manual and the Advanced Manual (this document).

Basic Manual	This manual helps you get used to the camera. It gives you easy-to-follow explanations on how to take pictures and view them.
Advanced Manual	This manual introduces you to the camera's many functions after you have mastered the basics. It will help you to use the camera's capabilities to take much more creative pictures, with more fun!

● Indications used in this manual

Below is an explanation of how to read the instructions in this manual. Please read it carefully before proceeding.

Note
Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided.

TIPS
Useful information and hints that will help you get the most out of your camera.

☞
Reference pages describing details or associated information.

For details on notation and how to read the procedure pages, see "How to read the procedure pages". (P. 20)

Composition of the manual

Table of Contents	P. 4
Basic operation	P. 8
Tips before you start taking pictures	P. 21
Basic shooting functions	P. 32
Additional shooting functions	P. 41
Playback	P. 51
Settings	P. 67
Printing pictures	P. 74
Connecting the camera to a computer	P. 88
Appendix	P. 104
Miscellaneous	P. 121

You'll find important points for getting the most out of your camera here.
Read this part before taking pictures.

Explanations of techniques from basics to advanced, giving you an understanding of all the functions related to taking pictures.

To view, edit and sort the pictures you have taken.

Settings to make your camera easier to use.

To print the pictures you have taken.

To enjoy the pictures you have taken on a computer. To use OLYMPUS Master.

Troubleshooting.
For when you want to know the names of parts, see a list of menus, or find what you are looking for.

The title page of each chapter gives a short description of the contents. Be sure to check it out.

Table of Contents

How to use this manual 2
Composition of the manual 3

1 Basic operation -8

How to use the shooting button and playback button 9
How to use the direct buttons 12
Using the direct buttons 14
How to use the menus 15
About the menus 15
Using the menus 18
How to read the procedure pages 20

2 Tips before you start taking pictures - - - - - - -21

Holding the camera 22
If correct focus cannot be obtained 23
How to focus (focus lock) 23
Subjects that are difficult to focus on 24
Record mode 25
Still picture record modes 25
Movie record modes 26
Number of storable still pictures/remaining recording time 26
To change the record mode 27
Recording pictures 28
Relationship between the internal memory and the card 28
Using a card (optional) 29
Card basics 29
Inserting a card 29

3 Basic shooting functions- - - - - - - - - - - - - - - -32

Selecting a shooting mode according to the situation 33
Selecting scene modes by subject (**SCENE**) 33
Zooming in on a distant subject 36
Using the digital zoom 37
Taking close-up pictures (macro) 38
Flash shooting 39

4 Additional shooting functions - - - - - - - - - - -41

Recording movies 42
Self-timer shooting 43
Panorama shooting 44
Taking two-in-one pictures 2 IN 1 46
Adjusting picture brightness (exposure compensation) 47
Adjusting picture coloration WB 48
When the brightness of the subject and the background are different (METERING) 49
Taking pictures in low light conditions (ISO) 50

5 Playback -51

Playing back still pictures 52
Selecting the number of pictures 53
Picture rotation 53
Slideshow 54
Playing back movies 55
Editing still pictures (BLACK & WHITE/SEPIA/) 56
Creating an index 58
Playback on a TV 60
Video output selection 61
Displaying detailed shooting information INFO 62
Protecting pictures 62
Copying pictures to a card (BACKUP) 63
Erasing pictures 64
Single-frame erase 64
All-frame erase 65
Formatting 66

6 Settings -67

Saving camera settings (ALL RESET) 68
Changing the display language 69
Sets the beep sound for operation/warning 70
Viewing pictures immediately (REC VIEW) 70
Resetting the file name (FILE NAME) 71
Checking the image processing function (PIXEL MAPPING) 72
Adjusting the brightness of the monitor 72
Setting the date and time 73

7 Printing pictures -74

Direct printing (PictBridge) 75
Using the direct printing function 75
Printing pictures 76
Other print modes and print settings 79
If an error code is displayed 81
Print settings (DPOF) 82
How to make print reservations 82
Single-frame reservation 84
All-frame reservation 85
Resetting print reservation data 86

8 Connecting the camera to a computer - - - - - 88

Flow 89
Using OLYMPUS Master 90
What is OLYMPUS Master? 90
Installing OLYMPUS Master 91
Connecting the camera to a computer 95
Starting up OLYMPUS Master 96
Displaying camera images on a computer 98
Downloading and saving images 98
Viewing still pictures and movies 100
Printing pictures 101
To download and save images to a computer without using OLYMPUS Master 103

9 Appendix - 104

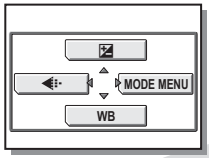
Troubleshooting 105
Error codes 105
Troubleshooting 107
Camera care 113
AC adapter (optional) 114
Safety Precautions 115
Glossary of terms 119

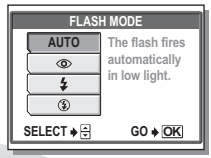
10 Miscellaneous - 121

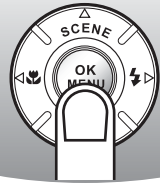
Menu list 122
List of factory default settings 125
Scene and shooting functions 126
Names of parts 127
Camera 127
Monitor indications 129
Index 132

1 Basic operation

Don't you feel that although your camera has many attractive functions, you are unable to use them confidently?
Now all you have to do is simply press the buttons on your digital camera. By setting the menus, you can easily do things like adjust the coloration of your picture or brightness of the monitor.
Just display a menu on the monitor and use the buttons to choose a setting. Familiarize yourself with the buttons and menus before reading the explanations of the various functions.







Movies

Macro shooting

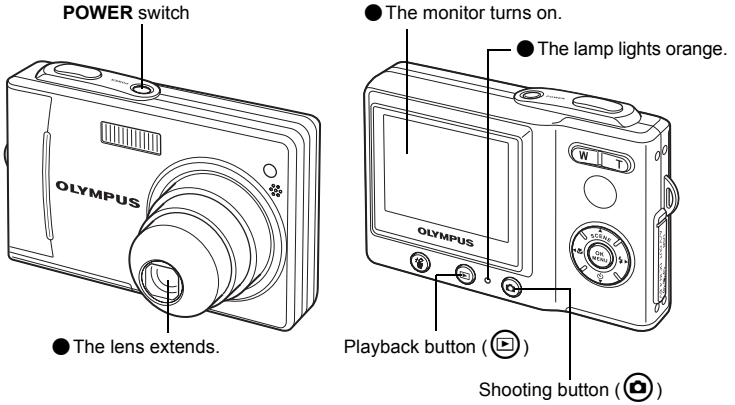
How to use the shooting button and playback button

This camera features a shooting mode and a playback mode. Shooting mode is for taking pictures and making shooting settings, whereas playback mode is for displaying pictures you have taken.
To switch between the two modes, use ⓒ and ▶. Press ▶ on its own, to turn the camera on in playback mode.

● Turning the camera on in shooting mode

Press the POWER switch.

- The camera turns on in shooting mode. You are ready to take pictures.



To turn the camera off

→ Press the **POWER** switch. The lens retracts, and the monitor and the lamp on the camera turn off.

To enable playback mode

→ Press ▶. The lens remains extended, and playback mode is enabled. Press ⓒ to return to shooting mode.

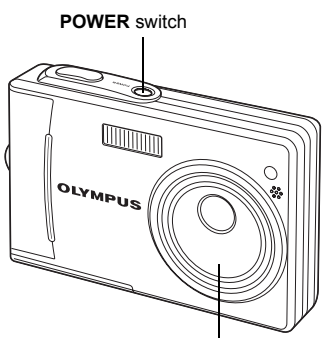
Note

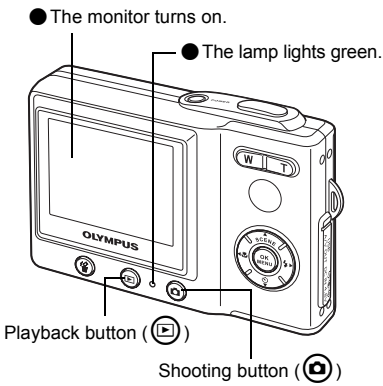
- In the shooting mode, or the playback mode changed by pressing ▶, the camera automatically enters sleep mode and stops operating after about 3 minutes of non-operation. The camera activates again as soon as you operate the shutter button or zoom button.
- 15 minutes after the camera enters sleep mode, the camera turns off automatically. Turn the camera on to use.

● Turning the camera on in playback mode

With the camera off, press ▶.

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





To turn the camera off

→ Press the **POWER** switch. The monitor and the lamp on the camera turn off.

To enable shooting mode

→ Press 📷. The lens extends, and shooting mode is enabled. Press ▶ to return to playback mode. The lens remains extended.

Note

- When the power is turned on, sometimes the monitor flashes before displaying the picture. This is not a malfunction.
- When the camera has turned on by pressing ▶, the camera with playback mode automatically stops operating and turns off after about 15 minutes of non-operation. Turn on the camera again.

● Switching between shooting mode and playback mode

Press ⓒ or ⓟ to switch between shooting mode and playback mode.

To take pictures (shooting mode)

- The subject is displayed on the monitor.

Press ⓟ.

Press ⓒ.

To playback (playback mode)

- The last picture taken is displayed on the monitor.

Shooting mode/Playback mode notation

In this manual, the following icons indicate the camera mode necessary for using functions.

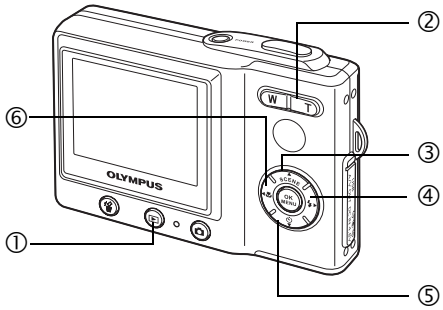
Indicates shooting mode

Indicates playback mode

How to use the direct buttons

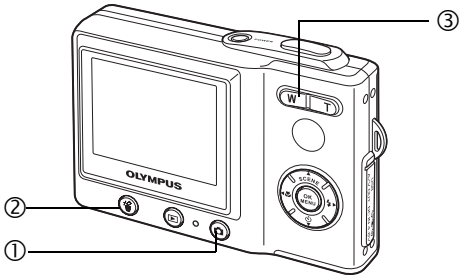
The buttons that can be used in shooting mode and playback mode differ.

● Shooting mode



①	⏯ (Playback) button	☞P. 11
	Enables playback mode	
②	Zoom button	☞P. 36
	W : For wide-angle photography T : For telephoto photography	
③	△SCENE (Scene mode) button	☞P. 33
	For selecting the scene settings stored in the camera according to the shooting conditions and for recording movie.	
④	▷ϟ (Flash mode) button	☞P. 39
	For selecting the flash mode	
⑤	▽⏲ (Self-timer) button	☞P. 43
	Switches the self-timer mode on/off	
⑥	◁❀ (Macro) button	☞P. 38
	Switches the macro mode on/off	

● Playback mode



①	◎ (Shooting) button	☞P. 11

Enables shooting mode

②	(Erase) button	☞P. 64

Erases picture displayed on the monitor

③	Zoom button	☞P. 52

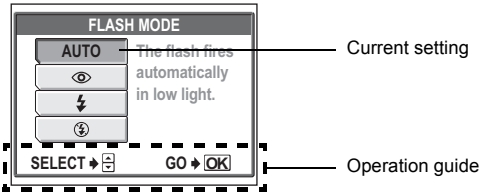
: For index display
: For close-up playback

Using the direct buttons

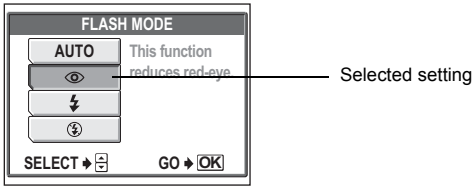
Basic functions can be easily operated using the direct buttons. Use the arrow pad (△▽◁▷) and ⓞ to make settings. Follow the buttons displayed on the screen to select and make each setting.
How to set the flash mode using ▷ϟ is shown below.

1 Press ▷ϟ in shooting mode.

- The flash mode selection screen is displayed.



2 Press △▽ to select the flash mode.

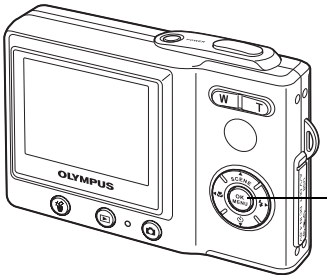


3 Press ⓞ.

- The camera is ready to shoot.

How to use the menus

The menu is displayed on the monitor when (OK MENU) is pressed in shooting mode or playback mode. This menu is used to make all camera settings.

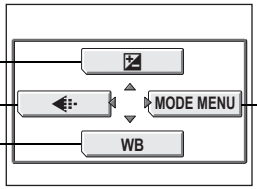


About the menus

The menu items displayed in shooting mode and playback mode differ.

Top menu

Menus are divided into shortcut menus and mode menus.



Shortcut menus

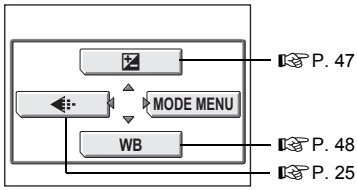
Press △▽◁ to directly make settings for the respective functions.

Mode menu

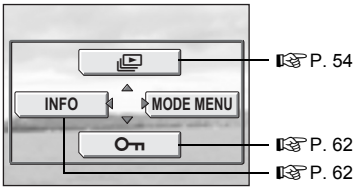
Settings are categorized into tabs by function.

Shortcut menus

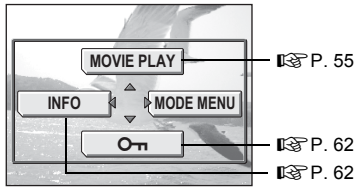
Still picture/Movie



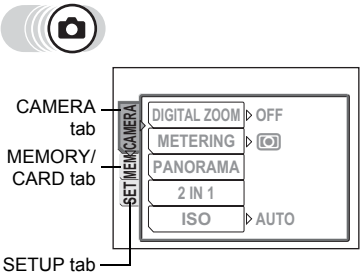
Still picture

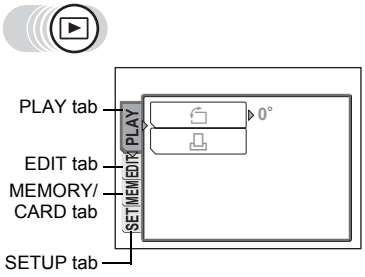


Movie



Mode menu





CAMERA tab	For setting shooting-related functions.
MEMORY/ CARD tab	For formatting the internal memory or card. For backing up the internal memory to the card.
SETUP tab	For making basic camera settings and settings that make the camera easier to use.

PLAY tab	For rotating pictures and making print reservations.
EDIT tab	For editing saved pictures.
MEMORY/ CARD tab	For formatting the internal memory or card and erasing all frames. For backing up the internal memory to the card.
SETUP tab	For making basic camera settings and settings that make the camera easier to use.

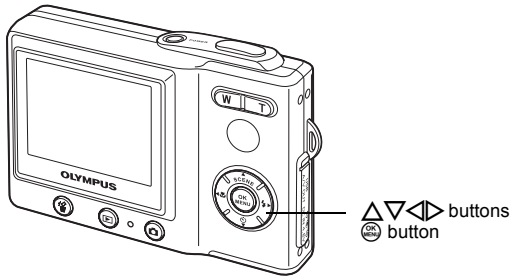
TIPS

- The [MEMORY] tab is displayed when using the internal memory and the [CARD] tab is displayed when a card is inserted in the camera.
- Menu items common to the mode menus (in shooting mode and playback mode) apply to the same setting, and the setting can be made from any mode.
- For details of menu items in shooting mode and playback mode, see “Menu list” (P. 122).

Using the menus

Use the arrow pad (△▽◁▷) and (OK MENU) to select and set menu items.
Follow the operation guide and arrows on the screen to select and make settings.
This section explains how to use the menus.

Ex: Making the [FILE NAME] setting



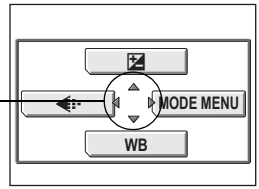
1 **Press (OK MENU) in shooting mode.**

- The top menu is displayed.

2 **Press ▷ to select [MODE MENU].**

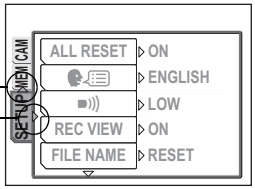
This refers to the arrow pad (△▽◁▷).

Top menu



3 Press △▽ to select the [SETUP] tab, and press ▷.

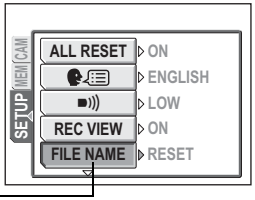
- Refer to the arrows on the screen to select a setting with the arrow pad.



This refers to the arrow pad (△▷).

4 Press △▽ to select [FILE NAME], and press ▷.

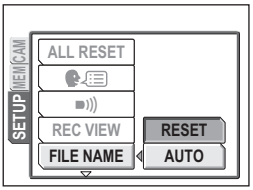
- Refer to the arrows on the screen to select a setting with the arrow pad.
- Unavailable settings cannot be selected.



The selected item appears indented.

5 Press △▽ to select [RESET] or [AUTO], and press OK.

- Press OK repeatedly to exit the menu.



Menu notation

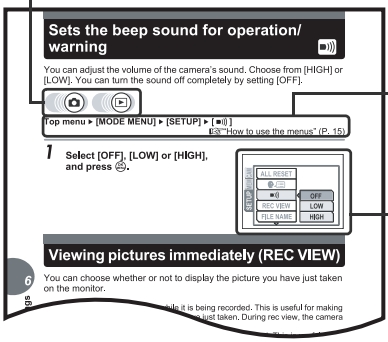
In this manual, procedures for using the menus are expressed as follows.

- Ex: Steps 1 to 4 of making the [FILE NAME] setting

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [FILE NAME]

How to read the procedure pages

A sample of a procedure page is shown below explaining the notation. Look at it carefully before taking or viewing pictures.



● This indicates shooting mode or playback mode.
Both modes can be used when both icons are shown.
☞"How to use the shooting button and playback button" (P. 9), "Shooting mode/Playback mode notation" (P. 11)

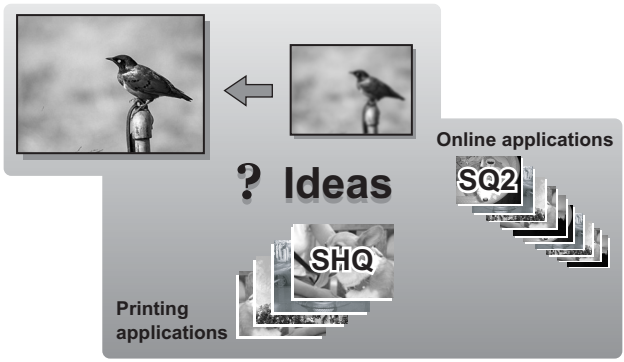
● Select the menus in the order indicated by ▶.
☞"Using the menus" (P. 18), "Menu notation" (P. 19)

● Available languages vary depending on the area where you purchased this camera.
☞"Changing the display language" (P. 69)

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

2 Tips before you start taking pictures

Your pictures are almost guaranteed to come out well just by setting your camera to the **P** shooting scene mode and pressing the shutter button. But occasionally, you can't focus on your subject, or the subject is too dark, or the picture doesn't come out the way you want…
Just knowing which button to press or which setting to change can help you solve these problems.
And did you know that by selecting an image size according to how you plan to use the pictures afterwards, you can store more pictures on the memory card? These are just some of the hints provided in this chapter.



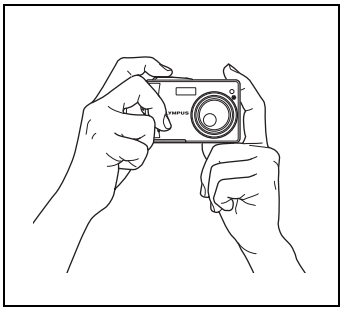
Holding the camera

Sometimes when you look at a picture you have taken, the contours of the subject are blurred. This is often caused by movement of the camera at the precise moment that the shutter button is pressed.

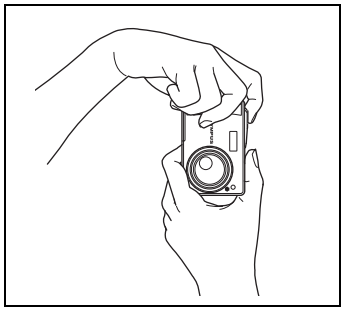
Picture where subject is not clearly defined

To prevent the camera from moving, hold the camera firmly with both hands while keeping your elbows at your sides. When taking pictures with the camera in the vertical position, hold the camera so that the flash is positioned higher than the lens. Keep your fingers and the strap away from the lens and flash.

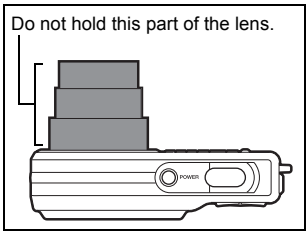
Horizontal grip



Vertical grip



Top view



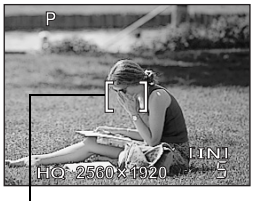
If correct focus cannot be obtained

The camera automatically detects the focus target in the frame. The level of contrast is one of the criteria it uses to detect the subject. The camera may fail to determine subjects with lower contrast than the surroundings or with an area of extremely strong contrast in the frame. If this happens, the simplest solution is to use the focus lock.

How to focus (focus lock)

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

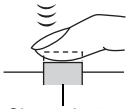
- When shooting a hard-to-focus or fast-moving subject, focus the camera on an object about the same distance away as the subject.



AF target mark

2 **Press the shutter button halfway until the green lamp lights.**

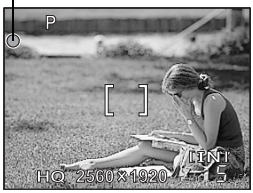
- When the focus and exposure are locked, the green lamp lights.
- When the green lamp blinks, the focus and exposure are not locked. Release your finger from the shutter button, re-position the AF target mark on the subject and press the shutter button halfway again.



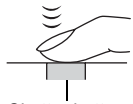
Shutter button

3 **Keeping the shutter button pressed halfway, recompose your shot.**

Green lamp



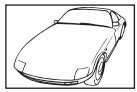
4 **Press the shutter button fully.**



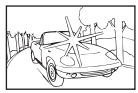
Subjects that are difficult to focus on

Under certain types of conditions, the auto focus may not work properly.

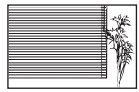
The green lamp blinks. The subject cannot be brought into focus.



Subject with low contrast



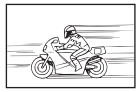
Subject with an extremely bright area in the center of the frame



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 is not in the center of the frame

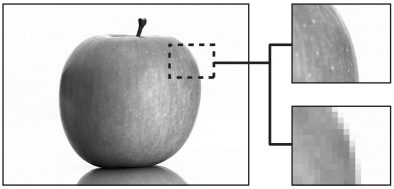
In these cases, focus (focus lock) on an object with high contrast at the same distance as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

Record mode

You can select a record mode in which to take pictures or shoot movies. Select the best record mode for your purpose (printing, editing on a computer, website editing, etc.). For information on the image sizes for each record mode and memory capacity, see the table on P. 26.

Still picture record modes

Record mode depicts the image size and compression rate of pictures you wish to record.
Pictures are made from thousands of dots (pixels). If a picture with relatively few pixels is enlarged, it looks like a mosaic. A picture with many pixels is denser and clearer, but requires a larger file size (data size), decreasing the number of pictures that can be saved. Increasing the compression rate reduces the file size, but makes the pictures appear grainy.



Picture with high number of pixels

Picture with low number of pixels

Image becomes clearer

Image size becomes larger

Application	Compression / Image size	Low compression	High compression
Select according to print size	2590 × 1920	SHQ	HQ
	1600 × 1200	–	SQ1
For small-sized prints and websites	640 × 480	–	SQ2

Image size
The number of pixels (horizontal × vertical) used when saving an image. Save your pictures in a large image size to get clearer prints.

Compression
Image data is compressed and recorded. The higher the compression, the less clear the image will be.

Movie record modes

Movies are recorded in Motion-JPEG format.

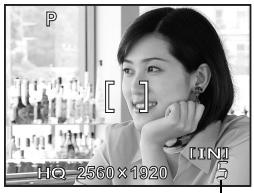
Number of storable still pictures/remaining recording time

Still pictures

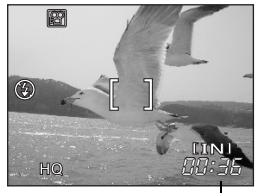
Record mode	Image size	Number of storable still pictures	
		Internal memory	Card (Using a 32 MB card)
SHQ	2560 × 1920	3	8
HQ	2560 × 1920	11	26
SQ1	1600 × 1200	21	49
SQ2	640 × 480	78	181

Movies

Record mode	Image size	Remaining recording time (sec.)	
		Internal memory	Card (Using a 32 MB card)
HQ	320 × 240 (15 frames/sec.)	47 sec.	110 sec.
SQ	160 × 120 (15 frames/sec.)	177 sec.	407 sec.



Number of storable still pictures



Remaining recording time

TIPS

- 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 with an image size of 1,024 × 768 fills the screen if you set the picture to 1× when the monitor setting is 1,024 × 768. However, if the monitor setting is over 1,024 × 768 (such as 1,280 × 1,024), the picture only takes up part of the screen.

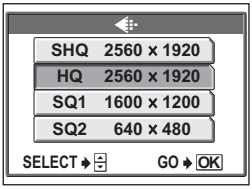
Note

- The number of storable still pictures and remaining recording times listed in the table are approximate.
- The number of storable still 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 does not change even when you take pictures or stored images are erased.

To change the record mode

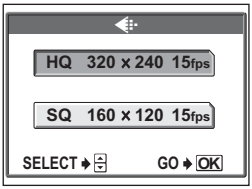
Top menu ▶ [◀⁝-] ☞ "How to use the menus" (P. 15)

1 **Select [SHQ], [HQ], [SQ1] or [SQ2], and press OK/MENU.**



For still pictures

For movies, select [HQ] or [SQ], and press OK/MENU.



For movies

Recording pictures

Pictures taken are stored in the internal memory.
You can also use an optional xD-Picture Card (referred to as “card” in this manual) to store pictures. The card has greater capacity than the internal memory, and so is able to store more pictures. The card is convenient, for example, when you are traveling and you want to take a lot of pictures.

● Internal memory basics

The internal memory corresponds to the film of a normal camera for recording pictures you have taken.
Pictures recorded and stored in the internal memory can easily be erased, overwritten, and/or edited on a computer. The internal memory cannot be replaced or removed from the camera.

Relationship between the internal memory and the card

The monitor displays which memory (internal or card) is being used for shooting and displaying images.

Shooting mode **Playback mode**

Monitor indications	Shooting mode	Playback mode
[IN]	Stores to the internal memory.	Plays the pictures stored in the internal memory.
[xD]	Stores to the card.	Plays the pictures stored on the card.

- The internal memory and the card cannot be used at the same time.
- When the card is inserted, the internal memory is disabled. When you want to use the internal memory, remove the card.
- You can copy all the image data stored in the internal memory to a card.
  ☞“Copying pictures to a card (BACKUP)” (P. 63)

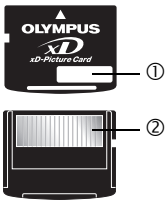
Using a card (optional)

An optional card is available for this camera.

Card basics

The card corresponds to the film of a normal camera for recording the pictures you have taken.
Pictures recorded and stored on the card can easily be erased, overwritten, and/or edited on a computer.
Using a card with larger capacity increases the number of pictures you can record.

① Index area
You can use this space to write the contents of the card.
② Contact area
The part where the data transferred from the camera enters the card.



Compatible cards

- xD-Picture Card (16 MB to 1 GB)

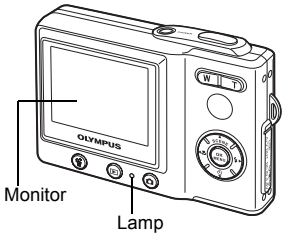
Note

- This camera may not recognize a non-Olympus card or a card that was formatted on another device (computer, etc.). Before use, be sure to format the card on this camera. ☞"Formatting" (P. 66)

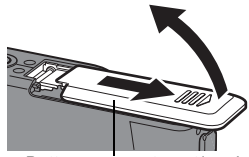
Inserting a card

1 Make sure the camera is turned off.

- The monitor is off.
- The lens is retracted.
- The lamp is off.



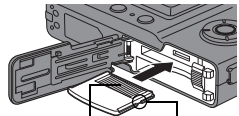
2 **Open the battery compartment/ card cover.**

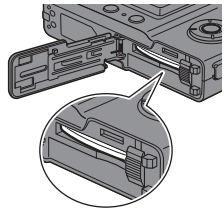


● Inserting the card

3 **Orient the card and insert it into the card slot as shown in the illustration.**

- Insert the card while keeping it straight.
- The card stops with a click when it is inserted fully.
- 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 fully, data may not be written to the card.

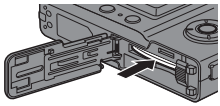




The position of the card inserted correctly

● Removing the card

3 Push the card all the way in and release slowly.

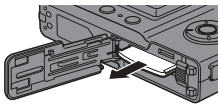


- The card protrudes slightly and stops.

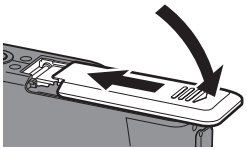
Caution

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

- Grasp the card and remove.



4 Close the battery compartment/ card cover.



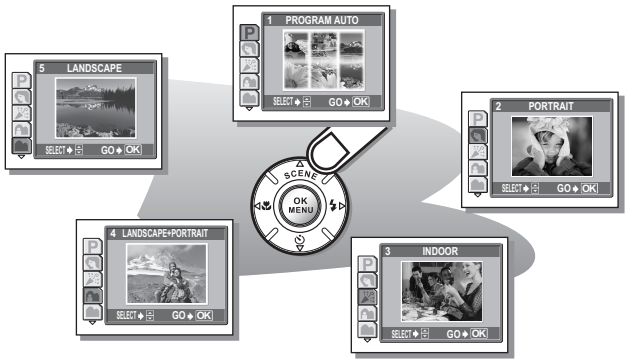
Caution

Be careful to catch fingers in the battery compartment/card cover.

3

Basic shooting functions

A professional photographer adjusts the exposure to the optimal setting, chooses the best focusing method and even selects the type of film according to the subject.
With a digital camera, you don't need to learn how to make difficult settings. Your camera will adjust the settings for you! All you have to do is choose a scene mode according to whether you are taking a landscape, a night scene, a portrait-style image or whatever, and the camera will set the best exposure and white balance. There's nothing to it – just press the shutter button!



Selecting a shooting mode according to the situation

Selecting scene modes by subject (SCENE)

The function allows you to select the scene settings stored in the camera according to the shooting conditions. Each scene mode features preset settings such as white balance, exposure, and shutter speed, letting you take pictures just by pressing the shutter button.

● Scene modes

P PROGRAM AUTO

Suitable for general situations. The camera automatically uses settings that captures the scene in its natural colors. You can set other functions such as exposure compensation as desired.

PORTRAIT

Suitable for taking a portrait-style shot of a person. This mode is optimum for reproducing silky skin tones.

INDOOR

Optimum for taking pictures of gatherings. This mode reproduces the background clearly capturing the atmosphere. Record mode (◀⋮-) can only be set to [SQ1] and [SQ2].

LANDSCAPE+PORTRAIT

Suitable for taking pictures of both your subject and the landscape. The picture is taken with the background as well as the subject in the foreground in focus. You can take pictures of your subject against a beautiful sky or landscape.

LANDSCAPE

Suitable for taking pictures of landscapes and other outdoor scenes. Both the foreground and the background are in focus. Since blues and greens are vividly reproduced in this mode, it is excellent for shooting natural scenery.

SPORT

Suitable for capturing fast-moving action (such as sports) without blurring. Even fast-moving subjects appear to be stationary.

NIGHT+PORTRAIT*

Suitable for taking pictures of your subject in the evening or at night. Since the shutter speed is slow, make sure that you stabilize the camera by using a tripod.

NIGHT SCENE*

Suitable for shooting pictures in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting. For example, if you take a picture of a street at night in **P** mode, the lack of brightness will result in a dark picture with only dots of light. In the Night Scene shooting mode, the true appearance of the street is captured. Since the shutter speed is slow, make sure that you stabilize the camera by using a tripod.

SELF PORTRAIT

Lets you take pictures of yourself while holding the camera. As the camera is set to focus on a subject that is very close, the zoom is locked to wide-angle, and cannot be changed.

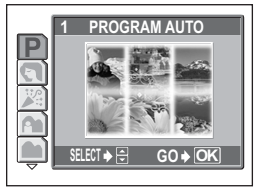
MOVIE

Records movies. The sound is automatically recorded.
☞"Recording movies" (P. 42)

* Noise reduction is automatically enabled causing the processing time between shots to double. You cannot take pictures during this time.

1 Press △SCENE.

- Setting screen for the modes is displayed.
  ☞"How to use the direct buttons" (P. 12)



2 Select shooting scene mode and press ⊛.

- After the sample image was displayed, for what kind of shooting situation is suitable will be displayed.

3 Take the picture.

TIPS

- The settings that can be made vary according to each mode. ☞"Scene and shooting functions" (P. 126)

Note

- Even if you change the record mode or flash mode with a shooting mode, they will return to the factory default setting when you change to the other shooting mode.

Zooming in on a distant subject

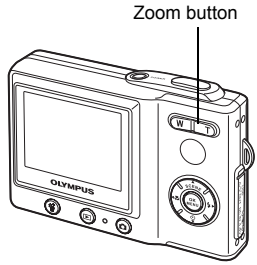
You can zoom in on your subject using the optical zoom and digital zoom. With the optical zoom, the image is enlarged on the CCD when the lens magnification is changed, and the image is formed by all the CCD pixels. With the digital zoom, the area at the center of the image captured by the CCD is cropped and enlarged. When you zoom in on a subject, you are essentially taking a small area of the picture and making it bigger. Therefore, the greater the magnification with the digital zoom, the grainier the resulting picture will be.

The following zoom magnifications are available on this camera.

Optical zoom	3× (equivalent to 35 mm to 105 mm on a 35 mm camera)
Optical zoom × digital zoom	Max. 12×

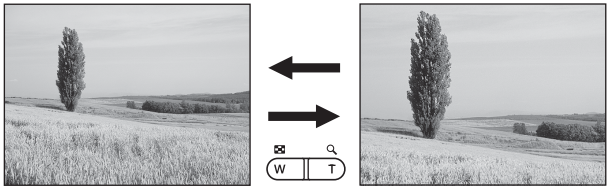
Note that camera movement is likely to occur at higher magnifications.

1 Press the zoom button.



Zoom out:
Press W on the zoom button.

Zoom in:
Press T on the zoom button.



Using the digital zoom

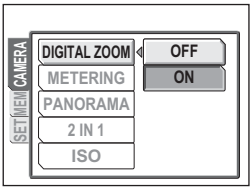
To use the digital zoom, set [DIGITAL ZOOM] to [ON].

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [DIGITAL ZOOM]

☞"How to use the menus" (P. 15)

1 **Select [ON], and press ⊛.**

2 **Press T on the zoom button.**



Optical zoom

Digital zoom

The white area of the zoom indicator indicates the optical zoom. If the [DIGITAL ZOOM] is set to [ON], a red area is displayed on the zoom indicator. When you reach the limit of the optical zoom, the digital zoom is enabled.

The cursor moves up and down the zoom indicator according to the zoom magnification.
The cursor turns orange when inside the digital zoom area.

Note

- The picture may appear grainy when taken inside the digital zoom range.

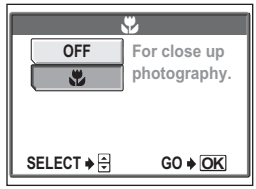
Taking close-up pictures (macro)

Focusing is usually slow when you get close to a subject (10 cm/3.9" to 60 cm/23.6"). However, in macro mode focusing is performed quickly. This mode lets you shoot from as close as 10 cm/3.9" to your subject (when the optical zoom is at the greatest wide-angle).

Macro

1 **Press ◁.**

- The macro settings screen is displayed. ☞"How to use the direct buttons" (P. 12)



2 **Select [], and press OK.**

3 **Take the picture.**

Note

- If you use the flash in macro shooting, shadows may be noticeable and the correct exposure may not achieved.

Flash shooting

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

Flash working range
W (max.): Approx. 0.2 m to 3.6 m (0.7 ft. to 12 ft.)
T (max.): Approx. 0.6 m to 2.1 m (2.0 ft. to 6.9 ft.)

Auto-flash (No indication)

The flash fires automatically in low light or backlight conditions.

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.

The subject's eyes appear red.

Note

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

Fill-in flash (ϟ)

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 (⊘)

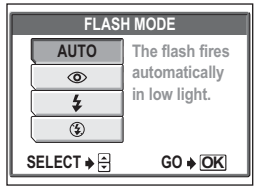
The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited. You can also use this mode when shooting landscapes, sunsets, and other subjects outside the range of the flash.

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.

1 **Press ▷ϟ.**

- The flash mode settings screen is displayed. ☞"How to use the direct buttons" (P. 12)

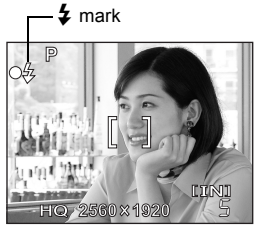


2 **Select a flash mode, and press OK.**

3 **Press the shutter button halfway.**

- The ϟ mark lights when the flash is about to fire. (flash stand-by)

4 **Press the shutter button fully to take the picture.**



TIPS

The ϟ (flash charge) mark blinks.
→ The flash is charging. Wait until ϟ mark turns off.

Note

- The flash does not fire in the panorama mode.
- The flash may not give you the optimum result in macro mode with the zoom set to wide-angle (W). Check the resulting picture on the monitor.

4 Additional shooting functions

At a sporting event…
Use movie mode to capture thrilling action.

In the country or at a tourist spot…
Use panorama mode* to capture a beautiful mountain range or impressive building.

At a party or family gathering…
Use the self-timer function to take group photos at school reunions or birthday parties.

To combine two pictures into one...
You can take two consecutive shots and turn them into one combined picture.

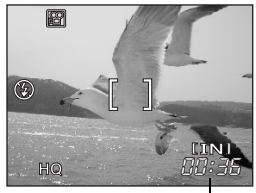
* Requires Olympus xD-Picture Card sold separately.

Recording movies

This function is for recording movies. The sound is automatically recorded when recording a movie.
Although the camera maintains the correct exposure during movie recording even if your subject moves, the focus and zoom will be locked so it will be out of focus if the distance to the subject is changed. These movies can be played back on the camera.

1 Decide the composition of the picture.

- The remaining recording time in the internal memory or card is displayed on the monitor.
- You can use the zoom button to enlarge your subject.



Remaining recording time

2 Press the shutter button fully to start recording.

- The lamp on the camera blinks orange and the recording starts.
- During movie recording, [movie] lights red.

3 Press the shutter button again to stop recording.

- When the remaining recording time has been used up, recording stops automatically.
- When there is space in the internal memory or card, the remaining recording time (P. 26) is displayed, and the camera is ready to shoot.

Note

- The digital zoom and the flash cannnot be used.
- Remaining recording time may become exhausted quickly during recording. Try formatting the internal memory or card with your camera before continuing recording. ☞"Formatting" (P. 66)

Notes for recording long movies

- The camera continues to record the movie until the shutter button is pressed again or the space in the internal memory or card is exhausted.
- If a single movie recording uses up all of the space in the internal memory or card, create space by erasing the movie or downloading it to a computer.

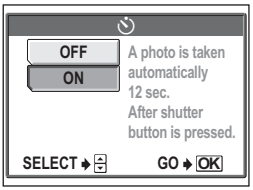
Self-timer shooting

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

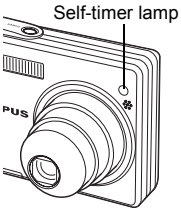
1 **Press ▽.**

- The self-timer settings screen is displayed.
  ☞"How to use the direct buttons" (P. 12)

2 **Select [ON], and press OK.**



3 **Press the shutter button fully to take the picture.**



- Pressing the shutter button halfway locks the focus and exposure.
- The self-timer lamp lights for approximately 10 seconds, then starts blinking. After blinking for approximately 2 seconds, the picture is taken.
- To stop shooting while in mode, press the shutter button fully again.
- To cancel the self-timer, press ▽.
- The self-timer mode is automatically canceled after one shot.

Panorama shooting

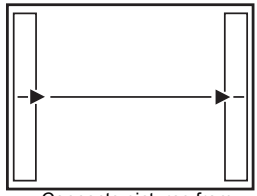
You can take advantage of panorama shooting with an Olympus xD-Picture Card. Panorama shooting lets you connect pictures with overlapping edges into a single panoramic picture, using the OLYMPUS Master software.

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [PANORAMA]

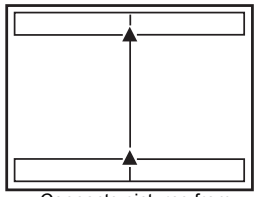
☞"How to use the menus" (P. 15)

1 Use the arrow pad to choose at which edge you want to connect the pictures.

- ▷ : The next picture is connected at the right edge.
- ◁ : The next picture is connected at the left edge.
- △ : The next picture is connected at the top.
- ▽ : The next picture is connected at the bottom.

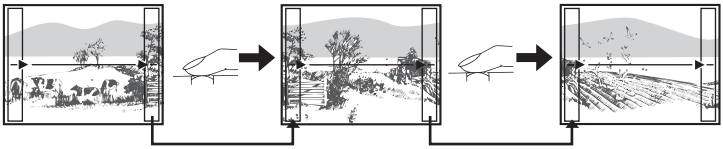


Connects pictures from left to right



Connects pictures from bottom to top

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



The part of the previous picture where it will be joined to the next picture does not remain in the frame on the edge of the screen. You have to remember what the part in the frame looked like and take the next picture so it overlaps.

- The 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.
- You cannot adjust the zoom after the first picture.
- Panorama shooting is possible for up to 10 pictures.
- When you have taken 10 pictures, a warning mark [✋] is displayed.

3 Press (OK MENU) to exit panorama shooting.

Note

- Panorama mode can only be used when there is a card in the camera. Moreover, panorama mode is only available with Olympus cards.
- During panorama shooting, the flash is not available.
- The camera itself cannot connect panorama pictures. The OLYMPUS Master software is necessary to connect the pictures.

Taking two-in-one pictures 2 IN 1

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

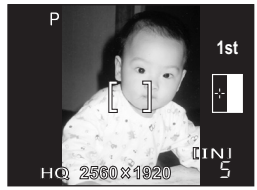
Picture when played back

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [2 IN 1]

☞"How to use the menus" (P. 15)

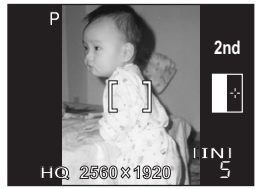
1 Take the first picture while observing your subject on the monitor.

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



2 Take the second picture.

- The subject will be positioned on the right in the combined picture.
- The [BUSY] bar is displayed during editing. After the image is saved, the camera returns to the mode menu.



Picture when shooting

Note

- When using two-in-one pictures, panorama mode is not available.
- To cancel two-in-one picture mode after the first shot has been taken, press OK. The first shot will not be saved.
- If the camera is turned off after the first picture has been taken, the first picture taken is not stored to the memory.

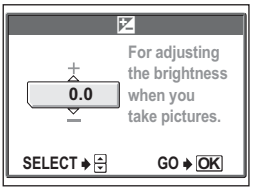
Adjusting picture brightness (exposure compensation)

This function allows you to make fine changes to the exposure setting. You can adjust the exposure in the range of ±2.0 EV in 1/3 EV steps. When the setting is changed, you can check the result on the monitor.

Top menu ▶ [ ] ☞"How to use the menus" (P. 15)

1 Press △▽ to make adjustments, and press OK.

- Plus [+] increases brightness and minus [–] decreases brightness.



2 Take the picture.

TIPS

- Often bright subjects (such as snow) will turn out darker than their natural colors. Adjust toward + to make these subjects closer to their real shades. For the same reason, adjust toward – when taking dark subjects.
- In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually.

Note

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

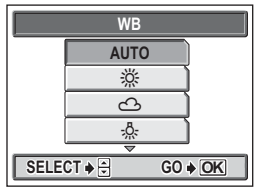
Adjusting picture coloration WB

The color of the subject differs depending on lighting 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 white balance, you can achieve more natural-looking colors.

AUTO The white balance is adjusted automatically so that colors look natural irrespective of the light source.
☼ For natural colors under a clear sky.
☁ For natural colors under a cloudy sky.
For natural colors under tungsten lighting.
For natural colors under fluorescent lighting.

Top menu ▶ [WB] ☞"How to use the menus" (P. 15)

1 Select a white balance setting, and press ⊛.



? TIPS

- You can select a white balance setting other than the actual light source, and enjoy the different color tones on the monitor.

! Note

- When using one of scene modes, the white balance is automatically set according to each mode.

When the brightness of the subject and the background are different (METERING)

There are two ways of measuring the brightness of a subject.

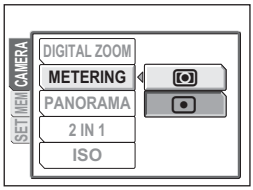
- Meters the brightness over a wide area with emphasis on the center of the screen. In this mode, subject can be shot with avarage overall brightness of the scene.
- Exposure is determined by metering within the AF target area. In this mode, a subject can be shot with optimal exposure regardless of the background light.

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [METERING]

☞"How to use the menus" (P. 15)

1 **Select [ ] or [ ], and press OK.**

2 **Take the picture.**



Taking pictures in low light conditions (ISO)

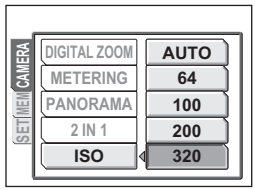
The higher the ISO value, the greater the camera's light sensitivity and the better its ability to shoot in low light conditions. However, higher values also introduce electrical noise into the resulting picture, which may give it a grainy appearance.

AUTO	Sensitivity is automatically adjusted according to the light conditions and the subject brightness.
64/100/200/320	With a lower ISO setting, you can shoot clear, sharp images in daylight.

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [ISO]

☞"How to use the menus" (P. 15)

1 **Select [AUTO], [64], [100], [200] or [320], and press OK.**

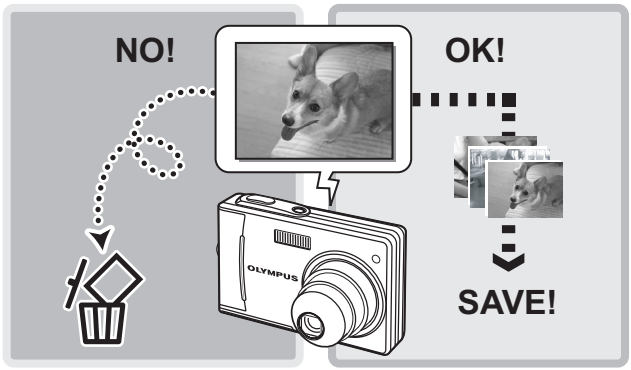


Note

- ISO settings are based on the sensitivity of normal camera film. The scale is approximate.
- When [ISO] is set to [AUTO] and you are shooting in dark conditions without a flash, the shutter speed is reduced. In this case, the sensitivity is automatically increased to avoid the risk of camera movement.
- If the subject is too far away for the flash illumination to reach when [ISO] is set to [AUTO], the sensitivity is automatically increased.

5 Playback

With film-type cameras, you cannot see the pictures you have taken until the film has been developed. And aren't you sometimes disappointed with the results when you do eventually see them? Pictures of blurred scenery or someone with their eyes shut. Or maybe you took several pictures of the same scene because you weren't sure whether they would come out or not. That's no way to record important memories!
With a digital camera, you can review your pictures immediately.
Just play the picture back as soon as you've taken it. If you don't like what you see, erase and take it again. So don't be afraid of pictures not coming out well – just keep on pressing that shutter button!



Playing back still pictures

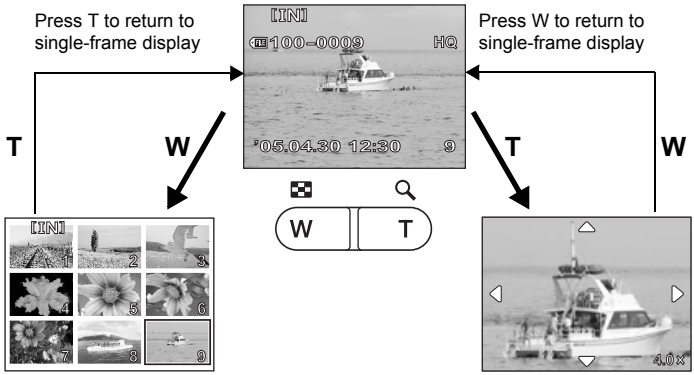
When a card is in the camera, a picture from the card is displayed. To play back pictures from the internal memory, remove the card.

1 **Press ▶.**

- The last picture taken is displayed on the monitor (single-frame playback).
- Use the arrow pad to navigate between pictures.

2 **Press T or W on the zoom button.**

- This allows you to enlarge the picture (close-up playback) or display an index of pictures (index display).



Index display

- During index display, use the arrow pad to select the desired picture.
- You can select the number of pictures to be displayed. ☞"Selecting the number of pictures" (P. 53)

Close-up playback

- Press T to enlarge the picture up to a maximum of 5×.
- By using the arrow pad during close-up playback, you can scroll to different portions of the picture.
- Pictures cannot be stored in an enlarged state.
- Close-up playback is not available for movies.

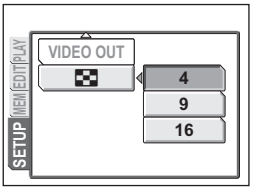
Selecting the number of pictures

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

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [▦]

☞ "How to use the menus" (P. 15)

1 **Select [4], [9], or [16], and press ⊛.**



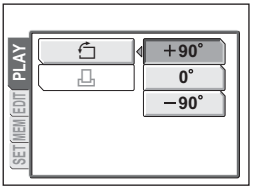
Picture rotation

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

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [⟲]

☞ "How to use the menus" (P. 15)

1 **Select [+90°], [0°], or [-90°], and press ⊛.**



+90° 0° -90°

Note

- The following pictures cannot be rotated.
  Movies, protected pictures, pictures that have been edited on a computer, and pictures taken with another camera.
- New picture orientations are saved even if the power is turned off.

Slideshow

This function displays still pictures stored in the internal memory or card one after another. Only the first frame of each movie is displayed.
Select a still picture and display the top menu.

Top menu ▶ [🎞] ☞"How to use the menus" (P. 15)

- The slideshow starts.
- Press OK MENU to stop the slideshow. The slideshow will not stop until you cancel it by pressing OK MENU.

Note

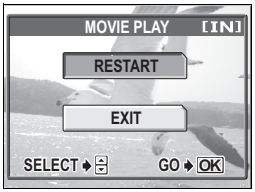
- You are recommended to use the optional AC adapter when running a slideshow for a long period of time. When using the battery, the camera will enter sleep mode or turn off the power after about 30 minutes and stop the slideshow automatically.

Playing back movies

This function lets you play back movies. You can fast forward the movie or play it back one frame at a time.
Select a picture with 🎞 and display the top menu.

Top menu ▶ [MOVIE PLAY] ☞"How to use the menus" (P. 15)

- The movie is played back. When playback ends, the camera automatically returns to the beginning of the movie and displays the [MOVIE PLAY] menu.
- To play the movie again, select [RESTART]. To return to playback mode, select [EXIT].



● Operations during movie playback

▷ : Fast-forward the movie by holding the button down.
◁ : Plays the movie in reverse and holding the button down makes the speed faster.
OK : Pauses the movie and lets you play it back frame by frame.

Playing time/
total recording time

● Frame by frame playback

△ : Displays the first frame of the movie.
▽ : Displays the last frame of the movie.
▷ : Displays the next frame. The movie can be played continuously by holding the button down.
◁ : Displays the previous frame. The movie can be played continuously in reverse by holding the button down.
OK : Displays the [MOVIE PLAY] menu.

Note

- The lamp on the camera blinks orange while the camera is reading pictures from the internal memory or card. This may take some time. Do not open the battery compartment/card cover while the lamp on the camera is blinking orange. Doing so may damage the image data, or render the internal memory or card unusable.
- The camera does not have a function to play back recorded sound. You need to download the movie to a PC or connect the camera to a TV to play back recorded sound.

Editing still pictures (BLACK & WHITE/SEPIA/)

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

BLACK & WHITE This function lets you save black & white versions of your pictures.

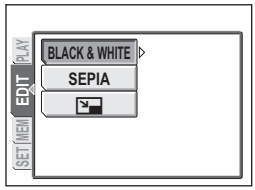
SEPIA This function lets you save sepia versions of your pictures.

 Changes the image size to 640 × 480 or 320 × 240 and saves the picture as a new file.

Select the picture that you want to edit and display the top menu.

Top menu ▸ [MODE MENU] ▸ [EDIT] ☞"How to use the menus" (P. 15)

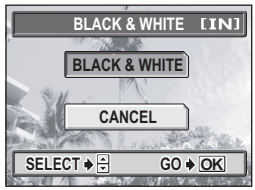
1 Select [BLACK & WHITE], [SEPIA], or [ ], and press ▷.



2

- **When [BLACK & WHITE] or [SEPIA] is selected**

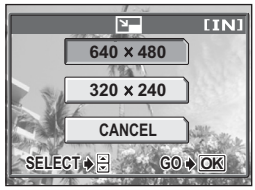
  Select [BLACK & WHITE] or [SEPIA], and press OK.



When [BLACK & WHITE] is selected

- **When [ ] is selected**

  Select an image size, and press OK.



- The [BUSY] bar is displayed, and after the picture is saved, the camera returns to the playback mode.

Note

- [BLACK & WHITE], [SEPIA], and [icon] are not available in the following cases: Movies, pictures that have been edited on a computer, pictures taken with another camera, or when there is insufficient space in the internal memory or card.

Creating an index

9 frames extracted from a movie are displayed as an index and stored as a still picture.

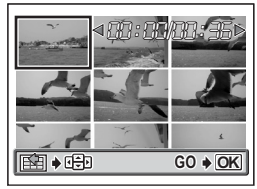
Select a picture with 🎞 and display the top menu.

Top menu ▶ [MODE MENU] ▶ [EDIT] ▶ [INDEX]

☞"How to use the menus" (P. 15)

- When there is insufficient space in the internal memory or card, a warning screen is displayed before returning to the [EDIT] screen.

1 Select the first frame of the index, and press OK.



△ : Jumps to the first frame of the movie.

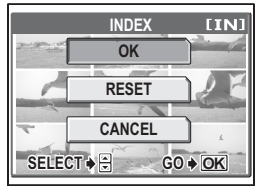
▽ : Jumps to the last frame of the movie.

▷ : Displays the next frame. The movie can be played continuously by holding the button down.

◁ : Displays the previous frame. The movie can be played continuously in reverse by holding the button down.

2 As in Step 1, select the last frame of the index, and press OK.

3 Select [OK], and press OK.



- The [BUSY] bar is displayed and the camera returns to the playback mode. The index is stored as a new picture.
- To select different frames, select [RESET], and press OK. Repeat the procedure from Step 1.
- To quit the editing function, 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	SQ2 (1,024 × 768 pixels)
SQ	SQ2 (640 × 480 pixels)

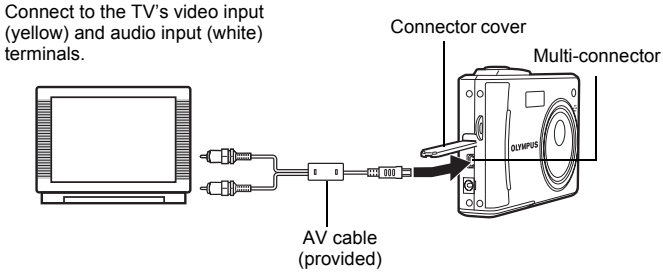
Note

- The interval between the frames that are automatically extracted varies depending on the length of the movie.
- An index consists of 9 frames.

Playback on a TV

Use the AV cable provided with the camera to play back recorded images on your TV. You can play back both still pictures and movies on your TV. For a movie, the recorded sound is also played back along with the movie.

1 **Make sure that the TV and camera are turned off. Connect the multi-connector on the camera to the video input terminal on the TV using the AV cable provided with the camera.**



2 **Turn the TV on and set it to the video input mode.**

- For details of switching to video input, refer to your TV's instruction manual.

3 **Press ▶ to turn the camera on.**

- The last picture taken is displayed on the TV. Use the arrow pad to select the picture you want to display.

TIPS

- You are recommended to use the optional AC adapter when playing back pictures on a TV.
- The close-up playback, index display and slideshow function can also be used on a TV screen.

Note

- Make sure that the camera's video output signal type is the same as the TV's video signal type. ☞"Video output selection" (P. 61)
- The camera's monitor turns off automatically when the AV cable is connected to the camera.
- Be sure to use the AV cable provided to connect the camera to the TV.
- The picture may appear off-center on the TV screen.

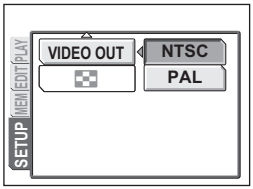
Video output selection

You can select [NTSC] or [PAL] according to your TV's video signal type. When playing back pictures while connected to a TV in a foreign country, be sure to set the [VIDEO OUT] setting accordingly. Change the video signal type before connecting the AV cable. If you select the wrong video signal type, you will not be able to play back the recorded pictures properly on the TV.

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [VIDEO OUT]

☞"How to use the menus" (P. 15)

1 Select [NTSC] or [PAL] , and press ⊛.



? *TIPS*

TV video signal types & country/region

Check the video signal type before connecting the camera to the TV.

NTSC North America, Taiwan, Korea, Japan

PAL European countries, China, other Asian countries

The default setting differs according to the region where you purchase the camera.

Displaying detailed shooting information INFO

This function lets you display detailed shooting information on the monitor for approx. 3 seconds in the playback mode. For details of the information displayed, see “Monitor indications” (P. 129).

Top menu ▶ [INFO] ☞“How to use the menus” (P. 15)

- Each time you select [INFO] from the top menu, the information display is alternately turned on and off.

When [INFO] is on

When [INFO] is off

Note

- If the picture has been taken with a different camera, only the date and time, frame number, and battery check indication are displayed when [INFO] is set on.

5 Playback

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, but they are all erased by formatting.

Select the picture that you want to protect, and display the top menu.

Top menu ▶ [O-n] ☞“How to use the menus” (P. 15)

- Each time you select [O-n] from the top menu, the protection is alternately turned on and off.

Displayed when a picture is protected.

Copying pictures to a card (BACKUP)

You can copy (backup) all the image data stored in the internal memory to the card. The image data in the internal memory is not erased by copying it to the card.

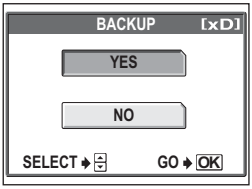
The optional card is required to use the backup function. Operate the camera with the card inserted.

Top menu ▶ [MODE MENU] ▶ [CARD] ▶ [BACKUP]

☞"How to use the menus" (P. 15)

1 Select [YES], and press ⊛.

- All image data stored in the internal memory is copied to the card.



Note

- When the card has insufficient memory, [CARD FULL] is displayed, and copying is canceled.
- When the mark is blinking, pictures cannot be backed up because of insufficient battery power.
- If the battery power is exhausted while copying, the image data may be lost or damaged. You are recommended to use the AC adapter.
- Never open the battery compartment/card cover, remove the battery, or connect or disconnect the AC adapter during copying as this may cause malfunction of the internal memory or the card.

Erasing pictures

This function erases recorded pictures. Pictures can be erased either one at a time or all the pictures in the internal memory or card at once.

- When you want to erase pictures in the internal memory, do not insert the card.
- Insert the card when you want to erase pictures on the card.

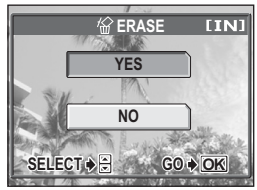
Note

- You cannot erase protected pictures. Cancel protection before erasing such pictures.
- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep. ☞"Protecting pictures" (P. 62)

Single-frame erase

1 **Select the picture you want to erase, and press the 🗑 button.**

- The [🗑 ERASE] screen is displayed. ☞"How to use the direct buttons" (P. 12), "Playing back still pictures" (P. 52)



2 **Select [YES], and press OK.**

- The picture is erased, and the menu is exited.

All-frame erase

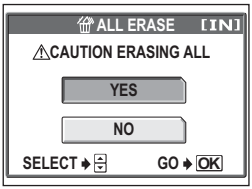
This function erases all the pictures in the internal memory or card.

Top menu ▶ [MODE MENU] ▶ [MEMORY(CARD)] ▶ [ALL ERASE]

☞ "How to use the menus" (P. 15)

1 Select [YES], and press OK.

- All the pictures are erased.



Formatting

This function lets you format the internal memory or card. Formatting prepares cards to receive data.

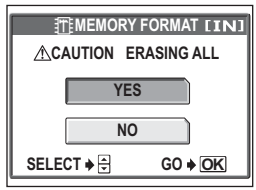
- To format the internal memory, do not insert the card.
- To format the card, have it inserted.
- Before using non-OLYMPUS cards or cards which have been formatted on a computer, you must format them with this camera.

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

Top menu ▶ [MODE MENU] ▶ [MEMORY(CARD)] ▶ [MEMORY FORMAT (FORMAT)] ☞"How to use the menus" (P. 15)

1 Select [YES], and press ⊛.

- The [BUSY] bar is displayed while the card is formatted.



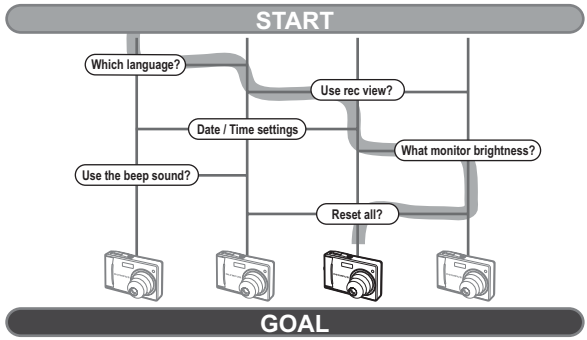
Note

- Do not do any of the following during formatting as such actions may damage the card.
  Open the battery compartment/card cover, or connect or disconnect the AC adapter (regardless of whether there is a battery in the camera or not).

6

Settings

One of the key features of a digital camera is that you can view the pictures you have taken immediately.
But that isn't all.
For example, you can adjust the brightness of the monitor depending on the place where you use the camera, such as outdoor or indoor. You can also adjust or mute the volume of the beep sound for operation/ warning depending on the situation when you use the camera. If the camera is used by your overseas friends select the appropriate language for on-screen display. Making use of these functions will make such a difference to how much fun you get out of your camera. Why not try them out?



Now you have your very own customized camera!

Saving camera settings (ALL RESET)

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 below.
The [ALL RESET] setting ([ON]/[OFF]) applies to all modes. It applies whether the camera is in shooting mode or playback mode.

ON All settings are returned to the factory default settings after the power is turned off.
Example: If [ALL RESET] is set to [ON] and [◀⋮·] is changed to [SQ1], [◀⋮·] returns to the factory default setting ([HQ]) when the camera is turned on again.

OFF The settings made before the power is turned off are saved. However, each setting such as record mode and flash setting will return to the factory default setting with a shooting mode other than [PROGRAM AUTO] or [MOVIE].

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [ALL RESET]

☞"How to use the menus" (P. 15)

1 Select [OFF] or [ON], and press ⊛.

Note

- The settings in the [SETUP] tab in the [MODE MENU] ([ALL RESET], [🗣⋮☰], etc.) are saved even when [ALL RESET] is set to [ON].

● Functions that return to default settings when [ALL RESET] is set [ON].

Function	Factory default setting	Ref. page
±	0.0	P. 47
FLASH MODE	AUTO	P. 39
🌷	OFF	P. 38
METERING	◉	P. 49
ISO	AUTO	P. 50
DIGITAL ZOOM	OFF	P. 37
◀⋮·	HQ	P. 25
WB	AUTO	P. 48
INFO	OFF	P. 62

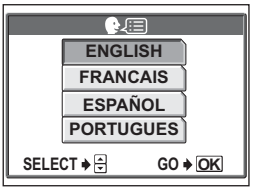
Changing the display language

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

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [🗣]

☞"How to use the menus" (P. 15)

1 Select a language, and press ⊛.



? *TIPS*

To increase the number of languages

→ You can add other languages to your camera with the provided OLYMPUS Master software. For details, refer to the online help in the OLYMPUS Master software.

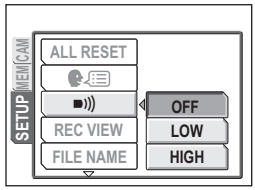
Sets the beep sound for operation/ warning

You can adjust the volume of the camera's sound. Choose from [HIGH] or [LOW]. You can turn the sound off completely by setting [OFF].

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [ ]]

☞"How to use the menus" (P. 15)

1 **Select [OFF], [LOW] or [HIGH], and press .**



Viewing pictures immediately (REC VIEW)

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

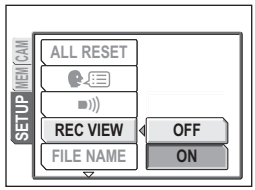
ON This displays the picture while it is being recorded. This is useful for making a brief check of the picture you have just taken. During rec view, the camera is ready to shoot.

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.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [REC VIEW]

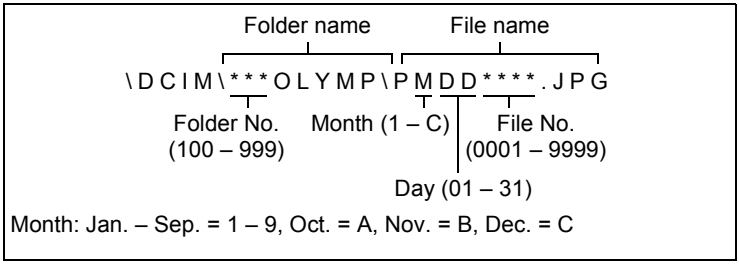
☞"How to use the menus" (P. 15)

1 **Select [OFF] or [ON], and press .**



Resetting the file name (FILE NAME)

The camera automatically creates file names and folder names for images to be stored in. Files can be numbered from 0001 to 9999 and folders can be numbered from 100 to 999. Examples are shown below.



There are two settings from which you can choose: [RESET] or [AUTO]. Choose the one that is best for you when transferring images to a computer.

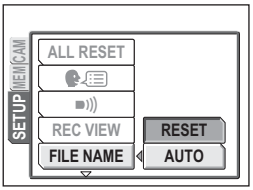
RESET The file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to No. 100 and the file number returns to No. 0001. This method is useful when grouping files on separate cards.

AUTO Even if a new card is inserted, the folder number and file number are retained from the previous card, so the same file number is not used on different cards. This helps you to manage multiple cards. This method is useful when you want to manage all your files with sequential numbers.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [FILE NAME]

☞"How to use the menus" (P. 15)

1 Select [RESET] or [AUTO], and press OK.



Note

- When the File No. reaches 9999, the File No. returns to 0001 and the Folder No. changes.
- When both the Folder and File No. reach their respective maximum number (999/9999), the number of storable pictures becomes 0 even if the card is not full. No more pictures can be taken. Format the card or replace the card with a new one. Before formatting the card, save important pictures to a computer.

Checking the image processing function (PIXEL MAPPING)

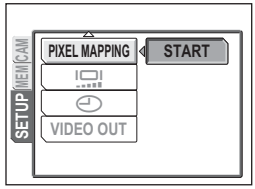
The pixel mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait at least one minute after taking or viewing pictures to allow for proper performance of the pixel mapping function.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [PIXEL MAPPING]

☞"How to use the menus" (P. 15)

1 When [START] is displayed, 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 turn the camera off during pixel mapping, start again from Step 1.

Adjusting the brightness of the monitor

This function lets you adjust the brightness of the monitor to make it easier to see the image.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [LCD]

☞"How to use the menus" (P. 15)

1 Adjust the brightness while looking in the monitor, and when you have set the desired level, press OK.

- Pressing △ brightens the monitor, and pressing ▽ darkens it.

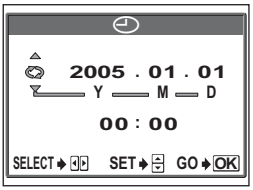
Setting the date and time

This function lets you set the date and time. The date and time is saved with each picture, and is used in the file name.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [⏲]

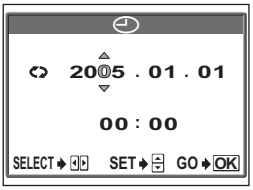
☞"How to use the menus" (P. 15)

1 Press △▽ 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), and press ▷.



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

2 Press △▽ to set the year, and press ▷ to move to the month setting.



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

3 Repeat this procedure until the date and time are completely set.

- The time is displayed in the 24-hour format. Consequently, 2 p.m. is displayed as 14:00.

4 Press OK.

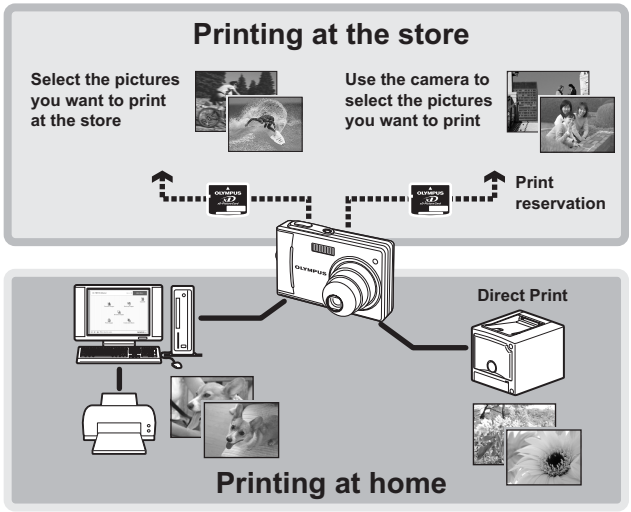
- For a more accurate setting, press OK when the time signal hits 00 seconds.

Note

- The date and time settings return to the factory default settings if the camera is left without the battery for approximately a day. The settings will be canceled more quickly if the battery is 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.
- If the date and time setting is canceled, a warning is displayed on the monitor the next time the camera is turned on. ☞"Error codes" (P. 105)

7 Printing pictures

You can print out the pictures you have taken either at a photo store or at home on your own printer.
If you go to a photo store, it is a good idea to store the print reservation data on the card first. This lets you select the pictures you want to print and decide how many prints you want.
If you print the pictures at home, you can either connect the camera directly to the printer or you can connect the camera to a computer and download the pictures to the computer first.



Direct printing (PictBridge)

Using the direct printing function

By connecting the camera to a PictBridge-compatible printer with the USB cable, you can print out recorded pictures directly. With the camera connected to the printer, select the pictures you want to print and the number of prints on the camera's monitor. It is also possible to print out pictures using the print reservation data.
☞"Print settings (DPOF)" (P. 82)
To find out if your printer is compatible with PictBridge, refer to the printer's instruction manual.

What is PictBridge?… It is the standard for connecting digital cameras and printers of different manufacturers and printing out pictures directly.

STANDARD… All printers that support PictBridge have standard print settings. If [STANDARD] is selected on the settings screens (P. 76 to P. 80), images are printed according to these settings. Refer to the printer's instruction manual for its standard settings or contact the printer manufacturer.

TIPS

- For details of printing paper types, ink cassettes, etc., refer to the printer's instruction manual.

Note

- You are recommended to use the optional AC adapter when printing pictures. If you use batteries, make sure they have enough power. If the camera stops operating while communicating with the printer, the printer may malfunction or image data may be lost.
- Movies cannot be printed.
- The camera does not enter sleep mode when connected to the printer by the USB cable.

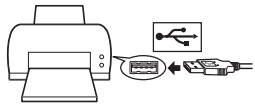
Print modes and settings

Available printing modes, paper sizes etc., vary depending on the printer you use. Refer to the instruction manual for your printer.

Printing pictures

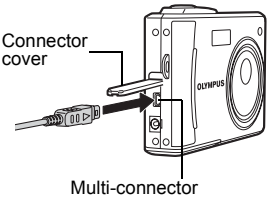
Use the USB cable provided to connect the camera to a PictBridge-compatible printer. The basic printing method for printing one picture is shown below. One print of your selected picture will be printed using the standard settings of your printer. The date and file name are not printed.

1 Turn the printer on and plug the USB cable provided into the printer's USB port.



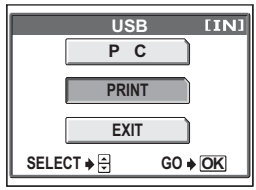
- For details of how to turn the printer on and the position of the USB port, refer to the printer's instruction manual.

2 Plug the USB cable into the camera's multi-connector.



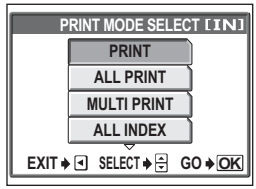
- The camera turns on automatically.
- The monitor turns on and the selection screen for the USB connection is displayed.

3 Select [PRINT], and press OK.



- [ONE MOMENT] is displayed and the camera and printer are connected. The [PRINT MODE SELECT] screen is displayed on the monitor. Make the print settings on the camera's monitor.

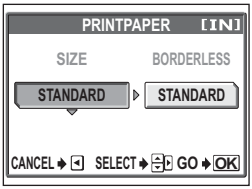
4 Select [PRINT], and press OK.



- The [PRINTPAPER] screen is displayed.

5 Press OK without changing the [SIZE] or [BORDERLESS] settings.

- When the [PRINTPAPER] screen is not displayed, go to Step 6.

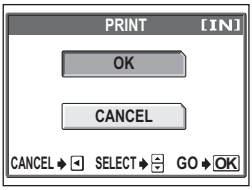


6 Press ◁▷ to select the picture you want to print, and press OK.

- The [PRINT] screen is displayed.

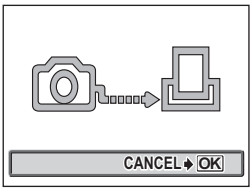
7 Select [OK], and press OK.

- Printing starts.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.

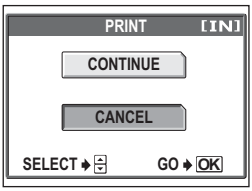


● To cancel printing

Pressing OK during print data transfer displays the screen for selecting whether to continue or cancel printing. To cancel printing, select [CANCEL], and press OK.

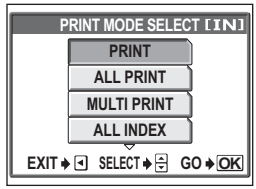


Screen during data transfer



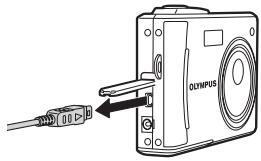
8 **In the [PRINT MODE SELECT] screen, press ◁.**

- A message is displayed.

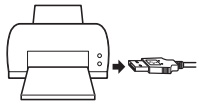


9 **Remove the USB cable from the camera.**

- The camera turns off.



10 **Remove the USB cable from the printer.**



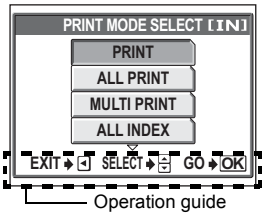
Note

- When the [USB] mode is set to [PC], the [PRINT MODE SELECT] screen is not displayed in Step 4. Disconnect the USB cable, and repeat the procedure from Step 1.

Other print modes and print settings

There are many other print modes available besides the basic mode. Even within the same mode, you have the choice of setting a border or the paper size.
Follow the operation guide for the screens shown below.

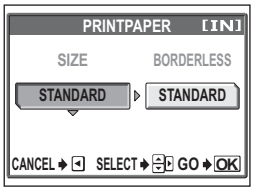
Selecting a print mode



PRINT Prints the selected picture.
ALL PRINT Prints all the pictures stored in the internal memory or card.
MULTI PRINT Prints one picture in multiple layout format.
ALL INDEX Prints an index of all the pictures stored in the internal memory or card.
PRINT ORDER Prints the pictures according to the print reservation data. If no print reservations have been made, this option is not available.
☞"Print settings (DPOF)" (P. 82)

Setting the paper

Select the paper size and border on the [PRINTPAPER] screen.



SIZE Choose from the available paper sizes on your printer.
BORDERLESS Select framed or unframed. In [MULTI PRINT] mode, you cannot select the frame.
OFF ( ) The picture is printed inside a blank frame.
ON ( ) The picture is printed filling the entire page.
PICS/SHEET Available in [MULTI PRINT] mode only. The number of prints that can be printed vary depending on the printer.

Note

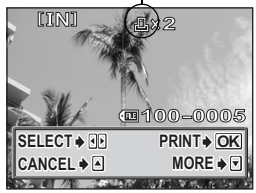
- If the [PRINTPAPER] screen is not displayed, [SIZE], [BORDERLESS] and [PICS/SHEET] are set to [STANDARD].

Selecting the picture you want to print

Press ◁▷ to select the picture you want to print. You can also make your selection by pressing the zoom button, and using the index display.

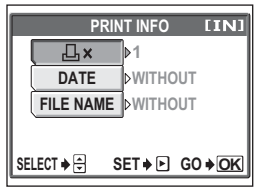
PRINT Prints one copy of the picture.
SINGLE PRINT Makes a print reservation for the picture. The print reservation icon is displayed.
MORE For setting the number of prints or printing data.

The print reservation icon is displayed.



Setting the number of prints and printing data (MORE)

🖨× Sets the number of prints. You can select up to 10 prints.
DATE (🕘) If you select [WITH], pictures are printed with the date.
FILE NAME (📄) If you select [WITH], pictures are printed with the file name.



If an error code is displayed

If an error code is displayed on the camera's monitor during direct print setting or printing, see the following table.
For more details, refer to the printer's instruction manual.

Monitor indication	Possible cause	Corrective action
NO CONNECTION	The camera is not connected to the printer correctly.	Disconnect the camera and connect it again correctly.
NO PAPER	There is no paper in the printer.	Load some paper in the printer.
NO INK	The printer has run out of ink.	Replace the ink cartridge in the printer.
JAMMED	The paper is jammed.	Remove the jammed paper.
SETTINGS CHANGED	The printer's paper cassette has been removed or the printer configuration has been changed.	Do not reconfigure the printer after the settings have been made.
PRINT ERROR	There is a problem with the printer and/or camera.	Turn off the camera and printer. Check the printer and remedy any problems before turning the power on again.

TIPS

- If an error code other than those shown above is displayed, see "Error codes" (P. 105).

Print settings (DPOF)

How to make print reservations

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

> Only pictures stored on the card can be reserved to print. Insert a card with recorded pictures into the camera before making print reservations.

With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a photo store that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. You can print out pictures automatically, at home or at a photo store, by storing data, such as which pictures you want to print and the number of prints, on the card.

Pictures with print reservations can be printed using the following procedures.

Printing using a DPOF-compatible photo store.

You can print the pictures using the print reservation data.

Printing using a DPOF-compatible printer.

Printing is possible directly from a card containing print reservation data without using a computer. For more details, refer to the printer's instruction manual. A PC card adapter may also be necessary.

To use print services without using DPOF

Pictures stored in the internal memory cannot be printed at a photo store. The pictures need to be copied to a card before taking them.

☞"Copying pictures to a card (BACKUP)" (P. 63)

TIPS

Relation between printing and record mode when shooting

The resolution of a computer/printer is generally based on the number of dots (pixels) per inch (dpi). Increasing the dpi when printing a picture produces a finer print. However, as the resolution of the picture is not changed, the size of the print will be smaller. You can enlarge the size of the print, but the picture will appear grainy.

If you want to print large, high-quality pictures, set the record mode as high as possible when taking the pictures. ☞"Record mode" (P. 25)

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.
- If there is not enough space in the card memory, you may not be able to enter the reservation data. [CARD FULL] will be displayed.
- You can make DPOF print reservations for up to 999 images per card.
- Even if an image is displayed with the message [PICTURE ERROR], it may be possible to make print reservations. In this case, the print reservation icon (🖶) is not displayed when the image is displayed for full view. 🖶 is displayed when there are multiple images (index display), allowing you to confirm the print reservation.
- Not all functions may be available on all printers, or at all photo stores.
- Print reservation may take a little time when saving printing data to a card.

Single-frame reservation

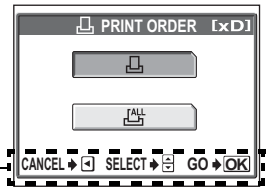
How to apply [🖨] to a selected picture is shown below. Follow the operation guide to make settings.

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [🖨]

☞"How to use the menus" (P. 15)

- You cannot make print reservations for pictures with 🎥.
- If data is already stored on the card, the [🖨PRINT ORDER SETTING] screen is displayed, giving you the choice of resetting the data or keeping it.

1 Select [🖨], and press OK.



Operation guide

2 Select the picture you want to print, and press OK.

Operation guide

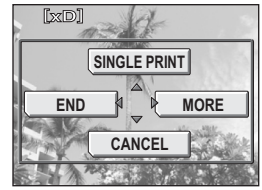
3 Select [SINGLE PRINT].

- Sets the number of prints to 1, and returns to Step 2.
- You can make the following settings on this screen.

MORE Sets the number of prints and printing data.

CANCEL Cancels the print reservation for the displayed picture.
☞"Resetting print reservation data" (P. 86)

END Exits the print reservation function.



Single-frame reservation menu

4 **The reservation is made. Press ⊛.**

- The single-frame reservation menu is displayed.

5 **Select [END].**

- The [PRINT ORDER] screen is displayed. Press ◁ until you return to the playback screen.

All-frame reservation

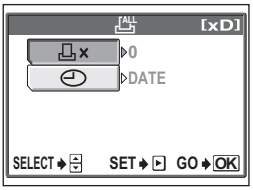
Reserves all the pictures stored on the card. You can set the number of prints or print the date and time the picture was taken.

Top menu ▸ [MODE MENU] ▸ [PLAY] ▸ [ALL]

“How to use the menus” (P. 15)

1 **Select [ALL], and press ⊛.**

2 **Select [×] (number of prints) or [DATE] (date/time), and press ▷.**

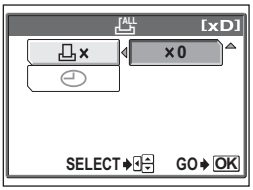


All-frame reservation screen

3 **Perform each setting.**

● To set the number of prints

Select the number of prints, and press ⊛.
△ : Increases the number.
▽ : Decreases the number.



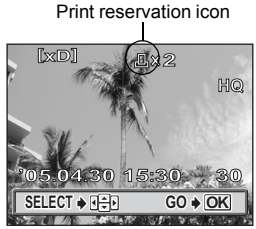
● To set the date/time printing data

Select [NO], [DATE] or [TIME], and press ⊛.

NO The pictures are printed without the date and time.
DATE All the selected pictures are printed with the shooting date.
TIME All the selected pictures are printed with the shooting time.

4 After setting the number of prints and date/time printing data, press ⊛ to complete the print reservations.

- The 🖨 icon is displayed on the picture.
- The [🖨PRINT ORDER] screen is displayed. Press ◁ until you return to the playback screen.



Resetting print reservation data

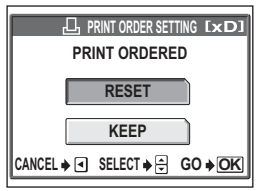
This function allows you to reset the print reservation data for pictures stored on the card.
You can reset all the print reservation data or just for selected pictures.

● To reset the print reservation data for all the pictures

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [🖨]
☞"How to use the menus" (P. 15)

1 Select [RESET], and press ⊛.

- If there is no print reservation data stored on the card, the [🖨PRINT ORDER SETTING] screen is not displayed.
- Press ◁ until you return to the playback screen.



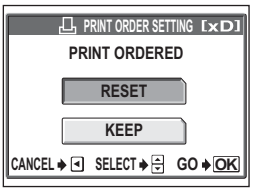
● To reset the print reservation data for a selected picture

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [🖨]

☞"How to use the menus" (P. 15)

1 **Select [KEEP], and press ⊛.**

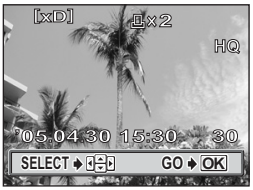
- If there is no print reservation data stored on the card, the [🖨PRINT ORDER SETTING] screen is not displayed.



2 **Select [🖨], and press ⊛.**

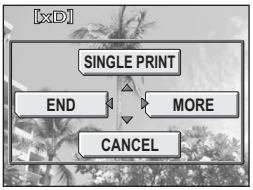
3 **Select the picture with the reservation you want to cancel, and press ⊛.**

- The single-frame reservation screen is displayed.



4 **Select [CANCEL].**

- The print reservation data is canceled and the screen returns to Step 3.

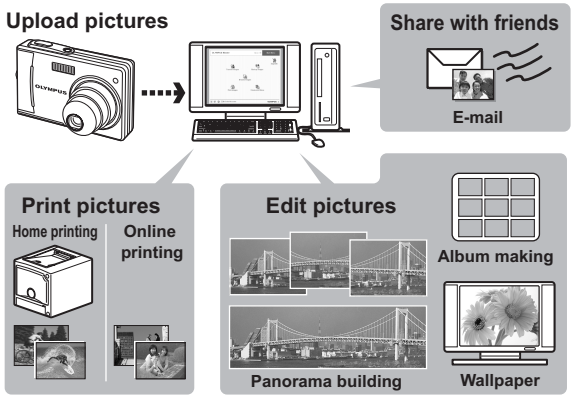


5 **If you are finished resetting print reservation data, press ⊛. Select [END].**

- The [🖨PRINT ORDER] screen is displayed. Press ◁ until you return to the playback screen.

8 Connecting the camera to a computer

Viewing the pictures you have taken on your computer is just one of the many ways you can enjoy your pictures.
You can print out your favorite pictures, use the application software to download your pictures from your camera and edit them or arrange them by date or category, or attach them to e-mail and send them over the Internet.
There are all kinds of ways you can use your pictures with a computer. You can run a slideshow, post your pictures on your home page, create an album, or set your favorite picture as your desktop wallpaper.

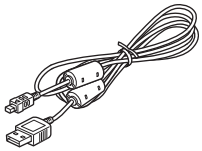


Flow

Using the USB cable provided with your camera, you can connect the camera and computer and download (transfer) the images to your computer using the OLYMPUS Master software, also provided with the camera.

Prepare the following items before starting.

OLYMPUS Master CD-ROM


USB Cable

Computer equipped with a USB port

Install the OLYMPUS Master software ☞P. 91

↓

Connect the camera to the computer using the USB cable ☞P. 95

↓

Start up the OLYMPUS Master software ☞P. 96

↓

Download image files to the computer ☞P. 98

↓

Disconnect the camera from the computer ☞P. 99

? *TIPS*

Viewing and editing downloaded images

→ If you want to process images using graphics applications, make sure you download the images to your computer first. Depending on the software, the image files may be damaged if the images are processed (rotated, etc.) while they are still in the internal memory or on the card.

If the data cannot be downloaded from the camera using the USB cable

→ Image files on xD-Picture Card may be downloaded using the optional PC card adapter. For details, visit the Olympus web site at the address shown on the back cover of this manual.

Note

- It is recommended that you use the optional AC adapter when connecting the camera to a computer. If you use battery, make sure that it is fully charged. The camera does not turn off automatically while it is connected to (communicating with) a computer. If the battery power runs out, the camera will stop whatever operation it is performing. This may result in a computer malfunction, or loss of image data (file) being transmitted.
- Do not turn the camera off while it is connected to the computer. Doing so could cause the computer to malfunction.
- Connecting the camera to a computer via a USB hub may cause unstable operation if there is any problem with compatibility between the computer and the hub. In this case, do not use a hub, but connect the camera directly to the computer.

Using OLYMPUS Master

For editing and managing image files, install the OLYMPUS Master software from the provided CD-ROM.

What is OLYMPUS Master?

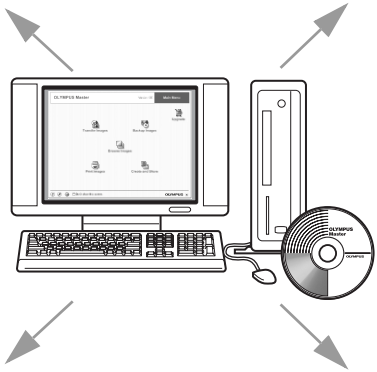
OLYMPUS Master is application software for editing images taken with a digital camera on a computer. Installing it on your computer lets you do the following:

Download images from the camera or other media

Manage images
You can organize your images using the calendar display. Search the image you want by date or keyword.

View images and movies
You can enjoy slideshows and play back movies.

Edit images
You can rotate images, trim them and change the size.



Edit images with the filter and correction functions

Make panoramic images
You can make panoramic images using pictures taken in panorama mode.

Print images
You can print images and make indexes, calendars and postcards.

For details of functions and operations other than the above, refer to the “Help” guide and OLYMPUS Master reference manual.

Installing OLYMPUS Master

Before installing the OLYMPUS Master software, please confirm that your computer is compatible with the following system requirements.
For newer operating systems, please refer to the Olympus web site as shown on the back cover of this manual.

● Operating environment

Windows

OS	Windows 98SE/Me/2000 Professional/XP
CPU	Pentium III 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 65,536 colors or more

Note

- Data transfer is only guaranteed on computers with a factory installed OS.
- To install the software in Windows 2000 Professional/XP, you must log on as a user with administrators' privileges.
- Internet Explorer and QuickTime 6 or later should be installed on your computer.
- Windows XP corresponds to Windows XP Professional/Home Edition.
- Windows 2000 corresponds to Windows 2000 Professional.
- If you are using Windows 98SE, the USB driver is installed automatically.

Macintosh

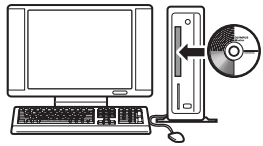
OS	Mac OS X 10.2 or later
CPU	Power PC G3 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 32,000 colors or more

Note

- Operation is only guaranteed on a Macintosh equipped with a built-in USB port.
- QuickTime 6 or later and Safari 1.0 or later must be installed.
- Be sure to remove the media (drag & drop onto the trash icon) before performing the following operations. Failure to do so could result in unstable computer operation and the need to reboot.
  - Disconnect the cable connecting the camera to the computer
  - Turn off the camera
  - Open the battery compartment/card cover

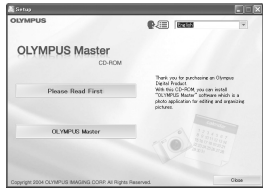
Windows

1 Insert the CD-ROM into the CD-ROM drive.



- The OLYMPUS Master setup screen is displayed.
- If the screen is not displayed, double-click the “My Computer” icon and click the CD-ROM icon.

2 Click the “OLYMPUS Master”.

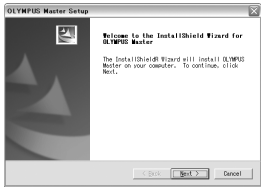


- The QuickTime installation screen is displayed.
- QuickTime is required to use OLYMPUS Master. If the QuickTime screen is not displayed, QuickTime 6 or later is already installed on the computer. In this case, go to step 4.

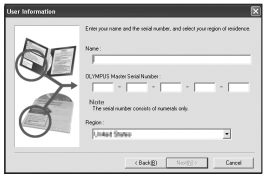
3 Click “Next” and follow the on-screen instructions.

- When the QuickTime licensing agreement is displayed, read the agreement and click “Agree” to proceed with the installation.
- The OLYMPUS Master installation screen is displayed.

4 Follow the on-screen instructions.



- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Yes” to proceed with the installation.



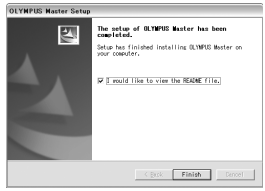
- When the “User Information” dialog box is displayed, enter your “Name” and “OLYMPUS Master Serial Number”; select your district and click “Next”.
  Refer to the sticker on the CD-ROM package for the serial number.
- When the DirectX licensing agreement is displayed, read the agreement and click “Yes”.
- A screen asking whether or not you want to install Adobe Reader is displayed. Adobe Reader is required to read the OLYMPUS Master instruction manual. If this screen is not displayed, Adobe Reader is already installed on your computer.

5 To install Adobe Reader, click “OK”.

- To cancel installation, click “Cancel”.
  Go to Step 7.
- The Adobe Reader installation screen is displayed. Follow the on-screen instructions.

6 Follow the on-screen instructions.

- The screen confirming that installation is completed is displayed. Click “Finish”.



7 Select the option to restart immediately when the screen asking you if you wish to restart the computer is displayed and click “OK”.

- The computer restarts.
- Remove the CD-ROM from the CD-ROM drive and store it.

Macintosh

1 Insert the CD-ROM into the CD-ROM drive.

- The CD-ROM window is displayed.
- If the CD-ROM window is not displayed, double-click the CD-ROM icon on the desktop.

2 Double-click on the desired language folder.

3 Double-click the “Installer” icon.

- The OLYMPUS Master installer starts up.
- Follow the on-screen instructions.
- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Continue” and then “Agree” to proceed with the installation.
- The screen confirming that installation is completed is displayed.

4 Click “Finish”.

- The first screen is displayed.

5 Click “Restart”.

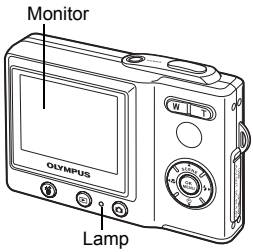
- The computer restarts.
- Remove the CD-ROM from the CD-ROM drive and store it.

Connecting the camera to a computer

Use a recommended USB cable provided with the camera to connect the camera to your computer.

1 **Make sure the camera is turned off.**

- The monitor is off.
- The lens is retracted.
- The lamp is off.

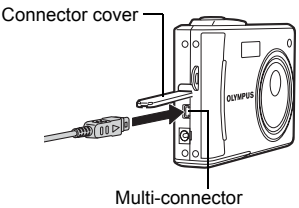


2 **Plug the USB cable provided into the USB port on the computer.**

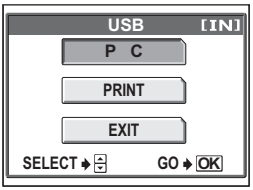
- Refer to your computer's instruction manual to locate the position of the USB port.

3 **Plug the USB cable into the camera's multi-connector.**

- The camera turns on automatically.
- The monitor turns on and the selection screen for the USB connection is displayed.



4 **Select [PC], and press OK.**



5 **The camera is recognized by the computer.**

- Windows 98SE/Me/2000
  When you connect the camera to your computer for the first time, the computer attempts to recognize the camera. Click "OK" to exit the message that is displayed. The camera is recognized as a "Removable Disk".

- Windows XP
  When the camera is connected to the computer, the screen for selecting an image file operation is displayed. As OLYMPUS Master will be used to download images, click “Cancel”.
- Mac OS X
  The iPhoto program is the default application for managing digital images. When you connect your digital camera for the first time, the iPhoto application starts automatically, so close this application and start OLYMPUS Master.

Note

- The camera functions are disabled while the camera is connected to a computer.

Starting up OLYMPUS Master

Windows

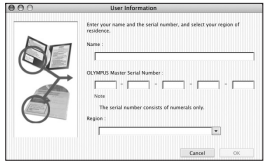
1 Double-click the “OLYMPUS Master” icon on the desktop.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time after installation, the “Registration” dialog box is displayed before the main menu. Follow the prompts and fill in the registration form.

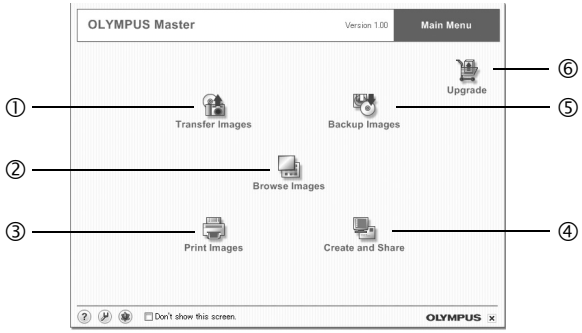
Macintosh

1 Double-click the “OLYMPUS Master” icon in the “OLYMPUS Master” folder.

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time, the “User Information” dialog box is displayed before the main menu. Enter your “Name” and “OLYMPUS Master Serial Number”, and select your district.
- After the “User Information” dialog box, the “Registration” dialog box is displayed. Follow the prompts and fill in the registration form.



● OLYMPUS Master main menu



① **"Transfer Images" button**
Downloads images from the camera or other media.

② **"Browse Images" button**
Displays the browse window.

③ **"Print Images" button**
Displays the print menu.

④ **"Create and Share" button**
Displays the editing menu.

⑤ **"Backup Images" button**
Creates backup images.

⑥ **"Upgrade" button**
Displays window for optional upgrade to OLYMPUS Master Plus.

● To exit OLYMPUS Master

1 **Click the "Exit" ✖ on the main menu.**

- OLYMPUS Master is exited.

Displaying camera images on a computer

Downloading and saving images

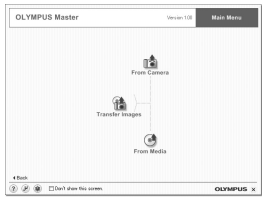
You can save camera images on your computer.

1 **Click “Transfer Images” on the OLYMPUS Master main menu.**

- The menu for selecting the source is displayed.

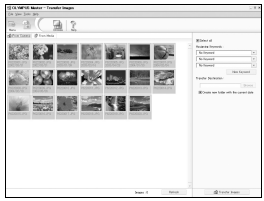
2 **Click “From Camera”.**

- The window for selecting images is displayed. All the images in the camera are displayed.



3 **Select the image files and click “Transfer Images”.**

- A window indicating that the download is complete is displayed.



4 **Click “Browse images now.”.**

- The downloaded images are displayed in the browse window.
- To return to the main menu, click “Menu” in the “Browse” window.

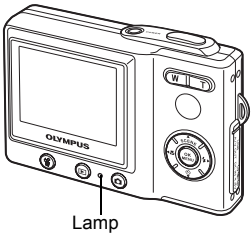
Note

- The lamp on the camera blinks orange while downloading images. Do not do any of the following while the lamp is blinking.
  - Open the battery compartment/card cover.
  - Connect or disconnect the AC adapter.

● To disconnect the camera

You can disconnect the camera after downloading the images to your computer.

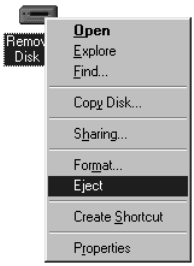
1 **Make sure that the lamp on the camera is not blinking orange.**



2 **Make the following preparations for disconnecting the USB cable.**

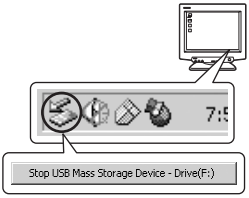
Windows 98SE

1 Double-click the “My Computer” icon and right-click the “Removable Disk” icon to display the menu.
2 Click “Eject” on the menu.



Windows Me/2000/XP

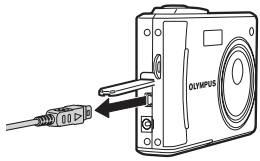
1 Click the “Unplug or Eject Hardware” icon in the system tray.
2 Click the message that is displayed.
3 When a message is displayed saying that the hardware can be ejected safely, click “OK”.



Macintosh

1 The trash icon changes to the eject icon when the “Untitled” or “NO_NAME” icon on the desktop is dragged. Drag and drop it on the eject icon.

3 **Make sure that the lamp on the camera is blinking green, and then disconnect the USB cable from the camera.**



Note

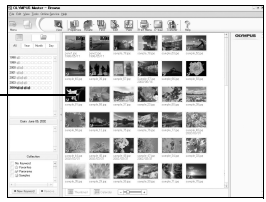
- Windows Me/2000/XP: When you click “Unplug or Eject Hardware”, a warning message may be displayed. Make sure that image data is not being downloaded from the camera and that all applications are closed. Click the “Unplug or Eject Hardware” icon again and disconnect the cable.

Viewing still pictures and movies

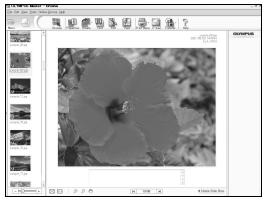
1 **Click “Browse Images” on the OLYMPUS Master main menu.**

- The “Browse” window is displayed.

2 **Double-click the still picture thumbnail that you want to view.**



- The camera switches to view mode and the picture is enlarged.
- To return to the main menu, click “Menu” in the “Browse” window.



● To view a movie

1 **Double-click the movie thumbnail that you want to see in the "Browse" window.**

- The camera switches to view mode and the first frame of the movie is displayed.

2 **To play back the movie, click playback button ▷ at the bottom of the screen.**

The names and functions of the controller parts are shown below.

	Item	Description
1	Playback slider	Move the slider to select a frame.
2	Time display	Displays the time that has elapsed during playback.
3	Playback (pause) button	Plays the movie. Functions as the pause button during playback.
4	Back button	Displays the previous frame.
5	Forward button	Displays the next frame.
6	Stop button	Stops playback and returns to the first frame.
7	Repeat button	Plays the movie repeatedly.
8	Volume button	Displays the volume adjustment slider.

Printing pictures

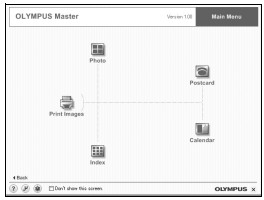
Pictures can be printed from the photo, index, postcard and calendar menus. The explanation below uses the photo menu.

1 **Click "Print Images" on the OLYMPUS Master main menu.**

- The print menu is displayed.

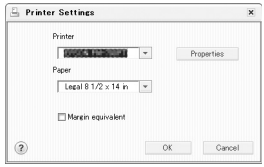
2 **Click “Photo” .**

- The “Photo Print” window is displayed.



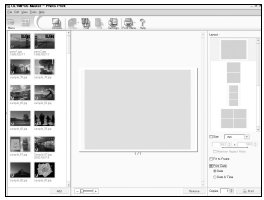
3 **Click “Settings” in the “Photo Print” window.**

- The printer settings screen is displayed. Make the necessary printer settings.



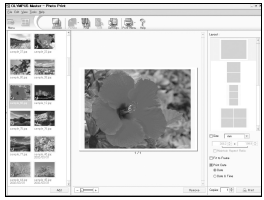
4 **Select a layout and size.**

- To print the date and time with your image, check the box next to “Print Date”, and select between “Date” and “Date & Time”.

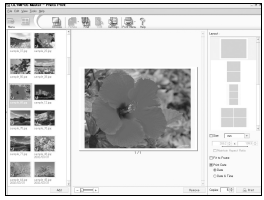


5 **Select the thumbnail image that you want to print and click “Add”.**

- A preview of the selected image is displayed on the layout.



6 **Select the number of copies.**



7 **Click “Print”.**

- Printing starts.
- To return to the main menu, click “Menu” in the “Photo Print” window.

To download and save images to a computer without using OLYMPUS Master

This camera is compatible with USB mass storage. You can connect the camera to your computer using the USB cable provided with the camera to download and save images without using OLYMPUS Master. The following environment is required to use the USB cable to connect the camera to your computer.

Windows: Windows 98SE/Me/2000 Professional/XP

Macintosh: Mac OS 9.0 to 9.2/X

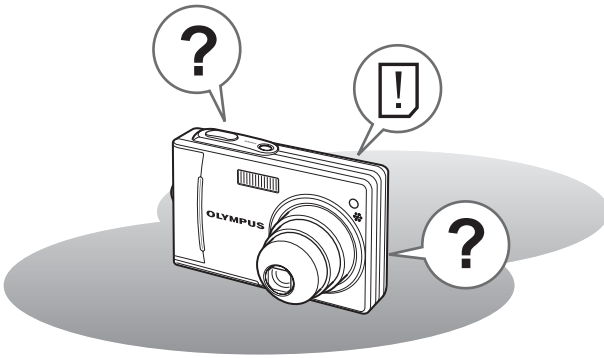
Note

- If your computer is running Windows 98SE, you will need to install the USB driver. Before connecting the camera to your computer with the USB cable, double-click the files from the following folders on the OLYMPUS Master CD-ROM provided.
  (Drive name):\USB\INSTALL.EXE
- Data transfer is not guaranteed in the following environments, even if your computer is equipped with a USB port.
  - Windows 95/98/NT 4.0
  - Windows 98SE upgrades from Windows 95/98
  - Mac OS 8.6 or earlier (However, data transfer is confirmed on Mac OS 8.6 equipped with a factory-installed USB port and USB MASS Storage Support 1.3.5.)
  - Computers with a USB port added by means of an extension card, etc.
  - Computers without a factory-installed OS and home-built computers.

9

Appendix

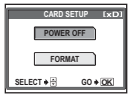
This chapter contains useful information from OLYMPUS.
Here you will find what to do when you are stuck or don't understand the meaning of the terms used in this manual. Refer to this section for basic troubleshooting, camera care and a full glossary to understanding the terms used in this manual.



Troubleshooting

Error codes

Monitor indication	Possible cause	Corrective action
CARD ERROR	There is a problem with the card.	This card cannot be used. Insert a new card.
WRITE-PROTECT	Writing to the card is prohibited.	The recorded image has been protected (read-only) on a computer. Download the image to a computer and cancel the read-only setting.
MEMORY FULL	The internal memory has no available space, and cannot record new data.	Insert a card, transfer pictures to a card, or erase unwanted pictures. Download important pictures to a computer before erasing.
CARD FULL	The card has no available space, and cannot record new data (e.g. print reservations, editing still picture, and memory backup).	Replace the card, or erase unwanted pictures. Download important pictures to a computer before erasing.
NO PICTURE	There are no pictures in the internal memory or the card.	The internal memory or the card contain no pictures. Record pictures.
PICTURE ERROR	There is a problem with the selected picture and it cannot be played back on this camera.	Use image processing software to view the picture on a computer. If that cannot be done, the image file is damaged.
CARD-COVER OPEN	The battery compartment/card cover is open.	Close the battery compartment/card cover.

Monitor indication	Possible cause	Corrective action
Y/M/D	When the camera is used for the first time or the battery has been removed for a long time, the date and time return to the factory default setting.	Set the date and time.
BATTERY EMPTY	The battery power is exhausted.	Charge the battery.
	This card cannot be used with this camera or the card is not formatted.	Format the card or replace. • Select [POWER OFF] and press OK. Insert a new card. • Select [FORMAT] and press OK. All data on the card is erased.

Troubleshooting

● Preparatory operations

Possible cause	Corrective action	Ref. page
The camera does not turn on or function buttons do not respond.		
The power is off.	Press the **POWER** switch to turn the camera on.	P. 9
The battery power is exhausted.	Charge the battery.	–
The cold is temporarily affecting battery performance.	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 zoom button).	P. 9
The camera is connected to a computer.	The camera will not operate while it is connected to a computer.	–

● Shooting

Possible cause	Corrective action	Ref. page
No picture is taken when the shutter button is pressed.		
The battery power is exhausted.	Charge the battery.	–
The camera is in the playback mode.	Press ⊛ to switch to the shooting mode.	P. 11
The flash has not finished charging.	Remove your finger from the shutter button, and wait until the ↯ (flash charge) indication stops blinking before taking the picture.	P. 39
The power is off.	Press the **POWER** switch.	P. 9
The internal memory or card is full.	Erase unwanted pictures or insert a new card. Before erasing, download important images to a computer.	P. 64
The battery power was exhausted during shooting or while the images were being written to the internal memory or card. (The monitor turns off.)	Charge the battery. (Wait until the lamp on the camera turns off when blinking orange.)	–
There is a problem with the card.	See “Error codes”.	P. 105

Possible cause	Corrective action	Ref. page
The monitor is hard to see.		
There is condensation* inside the camera.	Turn the camera off and wait until it dries before turning it on again.	–
The brightness of the monitor is not adjusted properly.	Use [☐] to adjust monitor brightness.	P. 72
The monitor is exposed to direct sunlight.	Block the sunlight with your hand while taking pictures.	–
Vertical lines appear on the monitor screen during shooting.	Aiming the camera at a bright subject in sunlight may cause vertical lines to appear on the screen. This is not a malfunction.	–
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. 73
The camera has been left without the battery.	If the camera is left without the battery for a day, the date/time setting is canceled. Set the date/time again.	P. 73
The settings are returned to the factory default settings when the camera is turned off.		
[ALL RESET] is set to [ON].	Set [ALL RESET] to [OFF].	P. 68
The picture is out of focus.		
The subject was too close.	Move further away from the subject. To take pictures closer than 60 cm (24") with the zoom in the maximum wide position, use the macro mode.	P. 38
Auto focus is not possible.	Use the focus lock to focus on your subject.	P. 23
There is condensation* on the lens.	Turn the camera off and wait until it dries before turning it on again.	–

* 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
The monitor goes off.		
The camera is in the sleep mode.	Operate the camera (press the shutter button or zoom button).	P. 9
The flash does not fire.		
The flash is set to [⊗].	Select a flash mode other than [⊗].	P. 39
The subject is illuminated.	If you want the flash to fire on a brightly illuminated subject, set the flash to [ϟ].	P. 39
The camera records movies.	The flash does not fire in the movie mode. Select a shooting mode other than 🎬.	P. 42
Panorama mode is set.	The flash does not fire in the panorama mode.	P. 44
The battery run time is brief.		
You are using the camera in a cold environment.	Battery performance deteriorates in low temperatures. Keep the camera warm by putting it inside your coat or clothing.	–
The remaining battery power is not indicated correctly.	When battery consumption fluctuates considerably, the camera may turn off without displaying the battery warning indicator. Charge the battery.	–
The battery check indication in the monitor is blinking red.		
The battery power is exhausted.	Charge the battery.	–

● Playback of recorded images

Possible cause	Corrective action	Ref. page
Pictures in the internal memory cannot be played back.		
A card is inserted in the camera.	When a card is inserted, only pictures on the card can be played back. Remove the card.	P. 29, 31
The picture is out of focus.		
A subject unsuited to AF was taken.	Use the focus lock to focus on your subject.	P. 23
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 [⊘] in a night scene or a dark situation, use a tripod, or hold the camera firmly.	P. 22
The lens was dirty.	Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.	P. 113
The picture is too bright.		
The flash was set to [ϟ].	Select a flash mode other than [ϟ].	P. 39
The center of the subject is too dark.	If the center of the subject is too dark, the surrounding area emerges as too bright. Adjust the exposure compensation toward minus (–).	P. 47
The [ISO] is at a high setting.	Set the [ISO] to [AUTO] or to a low sensitivity: [64]	P. 50
The picture is too dark.		
The flash was blocked by your finger.	Hold the camera correctly, keeping your fingers away from the flash.	P. 22
The subject was out of the working range of the flash.	Shoot within the flash working range.	P. 39
The flash was set to [⊘].	Select a flash mode other than [⊘].	P. 39
The subject was too small and was backlit.	Set the flash to [ϟ], or use the [•] metering mode.	P. 39, 49

Possible cause	Corrective action	Ref. page
The center of the subject is too bright.	If the center of the subject is too bright, the image as a whole emerges darker. Adjust the exposure compensation toward plus (+).	P. 47
Bright subjects such as snow will turn out darker than their natural colors in the image.	Adjust the exposure compensation toward plus (+).	P. 47
The colors of pictures look unnatural.		
Indoor lighting affected the picture's colors.	Set the white balance according to the lighting.	P. 48
No white in the picture.	Include something white in the picture, or shoot using [⚡].	P. 39
The white balance setting is wrong.	Adjust the white balance according to the light source.	P. 48
Part of the picture is dark.		
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. 22
Pictures you have taken do not appear on the monitor.		
The power is off.	Press ▶ to turn the camera on in playback mode.	P. 10
The camera is in the shooting mode.	Press ▶ to switch to playback mode.	P. 10, 11
There are no pictures in internal memory or card.	[NO PICTURE] is displayed on the monitor. Record pictures.	–
There is a problem with the card.	See "Error codes".	P. 105
The camera is connected to a TV.	The monitor does not function when the AV cable is connected to the camera.	P. 60
Single-frame erase and all-frame erase cannot be performed.		
The pictures are protected.	Cancel the protection of the pictures.	P. 62
No picture is displayed on the TV when connected to the camera.		
The video output signal is incorrect.	Set the video output signal according to the region where used.	P. 61
The TV video signal setting is incorrect.	Set the TV to the video input mode.	P. 60

Possible cause	Corrective action	Ref. page
The monitor is hard to see.		
The brightness of the monitor is not adjusted properly.	Use [☼] to adjust monitor brightness.	P. 72
The monitor is exposed to direct sunlight.	Block the sunlight with your hand.	–

●When the camera is connected to a computer or printer

Possible cause	Corrective action	Ref. page
The printer fails to connect.		
[PC] was selected on the monitor after connecting the camera to the printer with the USB cable.	Remove the USB cable, and start again from Step 1 of “Printing pictures”.	P. 76
The printer does not support PictBridge.	Refer to the printer’s instruction manual or contact the manufacturer.	–
The camera is not recognized by the computer.		
The computer failed to recognize the camera.	Disconnect the USB cable from the camera, and connect it again.	P. 76
The USB driver has not been installed.	Install OLYMPUS Master.	P. 91

Camera care

● Cleaning the camera

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 wrung well.

Monitor:

- Wipe gently with a soft cloth.

Lens:

- Blow dust off the lens with a commercial blower, then wipe gently with a lens cleaner.

Card, battery and charger:

- Wipe gently with a soft, day cloth.

Note

- Do not use strong solvents such as benzene or alcohol, or chemically treated cloth.
- Mold may form on the lens surface if the lens is left dirty.

● Storage

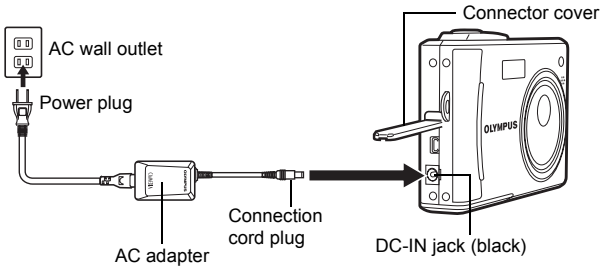
- When storing the camera for extended periods, remove the battery, AC adapter and card, and keep in a cool, dry place that is well ventilated.
- Periodically insert the battery and test the camera functions.

Note

- Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

AC adapter (optional)

An AC adapter is useful for time-consuming tasks such as image downloads to a computer.
An optional Olympus AC adapter allows you to power your digital camera from a common AC wall outlet.



TIPS

- When the AC adapter is connected, the power is drawn from the AC adapter even if there is battery in the camera. The battery is not recharged.

Note

- Do not connect or disconnect the AC adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- Be sure to read the instruction manual for the AC adapter.

Safety Precautions

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.
- 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.
- 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

- Olympus lithium ion battery is intended for use only with Olympus digital cameras. To find out whether your camera can be used with the battery, read your camera's manual.
- Always charge lithium ion battery before using it for the first time, or if the battery has not been used for a long period.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare batteries as warm as possible. Battery which run down at low temperatures may be restored after the battery is warmed at room temperature.
- 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

- 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 playback 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. An LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for 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.

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- 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 cable should be used to connect the camera to USB enabled personal computers (PC).

Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

Glossary of terms

CCD (Charge-Coupled Device)
This converts light passing through the lens into electrical signals. On this camera, light is picked up and converted into RGB signals to build a single image.

Contrast Detection Method
This is used to measure the distance to the subject. The camera determines if the image is focused by the level of contrast in the subject.

Conventional Photograph
This refers to recording images using silver halide (the method for recording images in conventional, non-digital photography). This system is in contrast to still video and digital photography.

DCF (Design Rule for Camera File System)
A standard for image files by the Japan Electronics and Information Technology Industries Association (JEITA).

DPOF (Digital Print Order Format)
This is for saving desired print settings on digital cameras. By entering which images to print and the number of copies of each, the user can easily have the desired images printed by a printer or print lab that supports the DPOF format.

EV (Exposure Value)
A system for measuring exposure. EV0 is when the aperture is at F1 and the shutter speed is 1 second. The EV then increases by 1 each time the aperture increases by one F stop or the shutter speed increases by one increment. EV can also be used to indicate brightness and ISO.

Exposure
The amount of light used to capture an image. The exposure is determined by the time the shutter is open (shutter speed) and the amount of light that passes through the lens (aperture).

Image size
The size of an image expressed by the number of pixels that make up the image. For instance, a picture taken with an image size of 640 × 480 fills the computer screen when the monitor setting is 640 × 480. However, if the monitor setting is 1,024 × 768, the picture only takes up part of the screen.

ISO
A method for indicating film speed by the International Organization for Standardization (ISO) (ex. “ISO100”). Higher ISO values indicate greater sensitivity to light, so images can be exposed even in low-light conditions.

JPEG (Joint Photographic Experts Group)
A compression format for still images. Photographs (images) shot using this camera are recorded in JPEG format. By downloading these images to a computer, users can edit them using graphics application software or view the images using an Internet web browser.

Noise reduction
When shooting in a dark place, the shutter speed will be slow due to less exposure of the CCD. When shooting in long exposure, a signal is generated even from the unexposed part of the CCD, and will be recorded as noise. When the noise reduction activates, the camera automatically reduces the noise and makes clear shooting possible.

NTSC (National Television Systems Committee) / PAL (Phase Alternating Line)
Television formats. NTSC is mainly used in Japan, North America and Korea. PAL is mainly used in Europe and China.

PictBridge
A standard for connecting digital cameras and printers of different makers and printing out pictures directly.

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

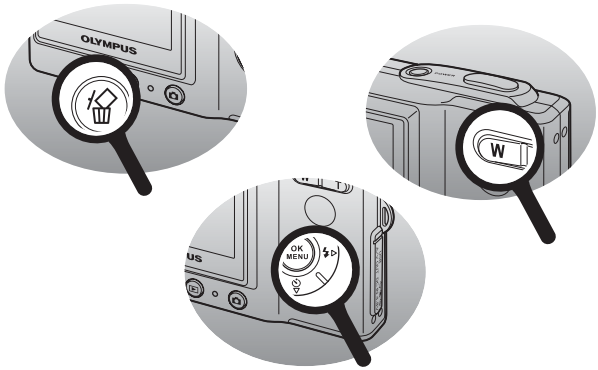
Sleep Mode
A mode designed to save battery life. The camera automatically enters the sleep mode if you do not operate it for a certain time. To exit the sleep mode, use any button on the camera (shutter button, arrow pad, etc.).

TFT (Thin-Film Transistor) Color Monitor
A transistor color monitor constructed using thin-film technology.

10

Miscellaneous

This chapter contains all the camera functions described in Chapters 1 to 8. Refer here for the names of the camera parts and buttons, the names and meanings of the icons that are displayed on the monitor, and the lists of the top menus and mode menus.
An index also helps you find the pages where a function or item that you are looking for appears. For effective use of the manual, reference page numbers are listed next to the names of the camera parts and in the menu lists.



Menu list

● **Shooting mode (SCENE) P**

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	CAMERA	DIGITAL ZOOM*1	OFF, ON	P. 37
		METERING	[◎], [•]	P. 49
		PANORAMA*1*2		P. 44
		2 IN 1*1		P. 46
		ISO	AUTO, 64, 100, 200, 320	P. 50
	MEMORY (CARD)	MEMORY FORMAT (FORMAT)	YES, NO	P. 66
		BACKUP*2	YES, NO	P. 63
	SETUP	ALL RESET	OFF, ON	P. 68
		*4		P. 69
			OFF, LOW, HIGH	P. 70
		REC VIEW	OFF, ON	P. 70
		FILE NAME	RESET, AUTO	P. 71
		PIXEL MAPPING	START	P. 72
				P. 72
				P. 73
		VIDEO OUT	NTSC, PAL	P. 61
			-2.0 ~ 0.0 ~ +2.0	P. 47
		*3	SHQ, HQ, SQ1, SQ2	P. 25
		WB	AUTO, ☼, ☁, ☼, ☼	P. 48

*1 Unavailable while playing a movie.
*2 Unavailable when the card is not inserted.
*3 In the movie record mode (), only HQ/SQ can be selected.
*4 Available languages vary depending on the area where you purchased this camera.

● Playback mode (still pictures)

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	PLAY		+90°, 0°, -90°	P. 53
		*1	,	P. 84, 85
	EDIT	BLACK & WHITE	BLACK & WHITE, CANCEL	P. 56
		SEPIA	SEPIA, CANCEL	P. 56
			640 × 480, 320 × 240, CANCEL	P. 56
	MEMORY (CARD)	ALL ERASE	YES, NO	P. 65
		MEMORY FORMAT (FORMAT)	YES, NO	P. 66
		BACKUP*1	YES, NO	P. 63
	SETUP	ALL RESET	OFF, ON	P. 68
		*2		P. 69
			OFF, LOW, HIGH	P. 70
				P. 72
				P. 73
		VIDEO OUT	NTSC, PAL	P. 61
			4, 9, 16	P. 53
				P. 54
INFO				P. 62
				P. 62

*1 Unavailable when the card is not inserted.
*2 Available languages vary depending on the area where you purchased this camera.

● Playback mode (movies)

Top menu	Tab	Item	Setting	Ref. page
MODE MENU	EDIT	INDEX	OK, RESET, CANCEL	P. 58
	MEMORY (CARD)	ALL ERASE	YES, NO	P. 65
		MEMORY FORMAT (FORMAT)	YES, NO	P. 66
		BACKUP*1	YES, NO	P. 63
	SETUP	ALL RESET	OFF, ON	P. 68
		*2		P. 69
			OFF, LOW, HIGH	P. 70
				P. 72
				P. 73
		VIDEO OUT	NTSC, PAL	P. 61
			4, 9, 16	P. 53
MOVIE PLAY				P. 55
INFO				P. 62
				P. 62

*1 Unavailable when the card is not inserted.
*2 Available languages vary depending on the area where you purchased this camera.

List of factory default settings

The functions are set as follows when the camera leaves the factory.

● **Shooting mode**

Zoom	35 mm
±	0.0
FLASH MODE	AUTO (:)
⏱	OFF
METERING	▣
ISO	AUTO
🌷	OFF
SCENE	P
DIGITAL ZOOM	OFF
PANORAMA	OFF
2 IN 1	OFF
◀	HQ
WB	AUTO
REC VIEW	ON
FILE NAME	RESET

● **Playback mode**

INFO	OFF
🔑	OFF
↻	0°
🖨	OFF
▦	9

● **Others**

ALL RESET	ON
🗣	ENGLISH
▭	NORMAL
🕒	Y-M-D 2005.01.01 00:00
VIDEO OUT	NTSC or PAL*
🔊	LOW

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

Scene and shooting functions

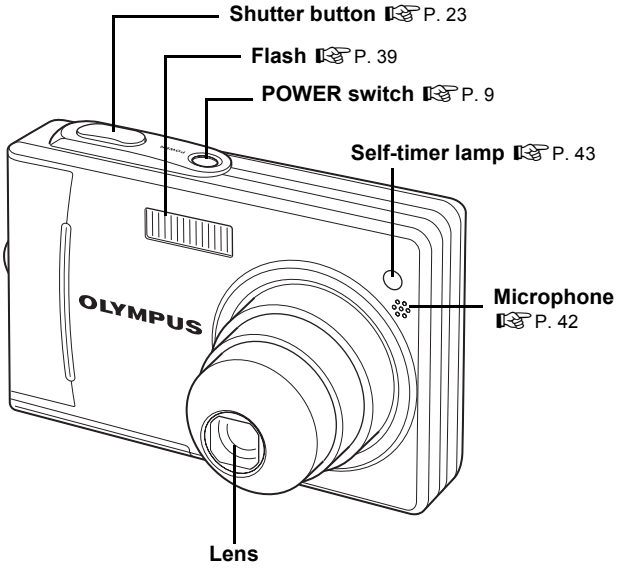
Some settings may not be available depending on the shooting mode. For details, refer to the table below.

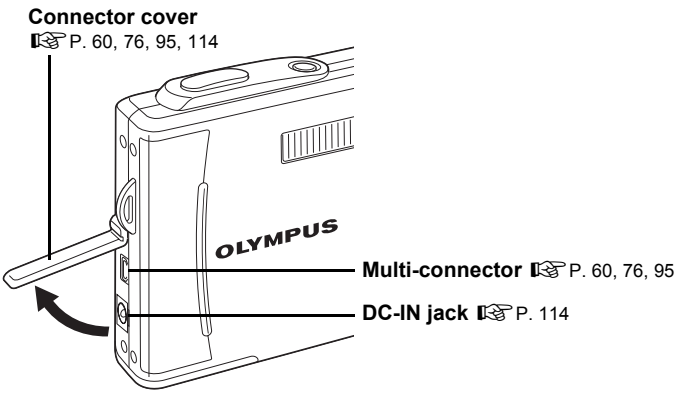
Function \ Shooting mode	P									
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Optical zoom	✓	✓	✓	✓	✓	✓	✓	✓	*1	*2
	✓	✓	*3	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
METERING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ISO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DIGITAL ZOOM	✓	✓	✓	✓	✓	✓	✓	✓	–	–
PANORAMA	✓	✓	✓	✓	✓	✓	✓	✓	–	–
2 IN 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
MEMORY FORMAT (FORMAT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ALL RESET	✓	–	–	–	–	–	–	–	–	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
REC VIEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
FILE NAME	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PIXEL MAPPING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIDEO OUT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

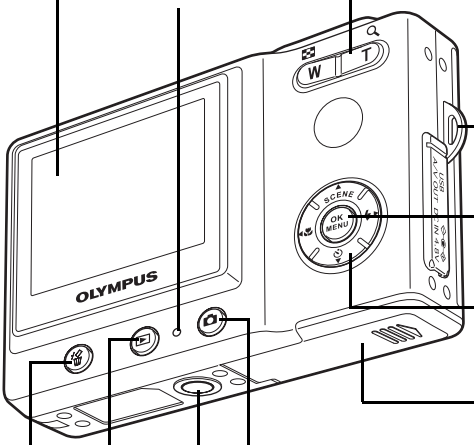
*1 Fixed at wide-angle.
*2 Selectable only when the camera is in shooting standby mode.
*3 Selectable only [SQ1] and [SQ2].

Names of parts

Camera







Zoom button (W/T,) P. 36, 52

Monitor P. 72, 129

Lamp P. 9, 10, 29, 95, 99

Strap eyelet

OK/MENU button ( ) P. 15, 18

Arrow pad ( ) P. 15, 18

Battery compartment/ card cover P. 29

Shooting button ( ) P. 10, 13

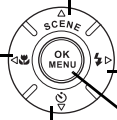
Tripod socket

Playback button ( ) P. 9, 12

Erase button ( ) P. 13, 64

Arrow pad

Macro button ( ) P. 12, 38



Scene mode button (SCENE) P. 12, 33

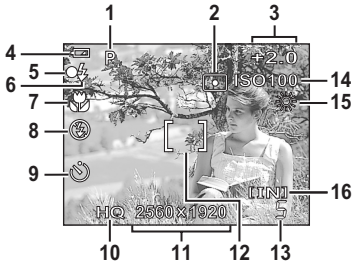
Flash mode button ( ) P. 12, 39

OK/MENU button ( ) P. 15, 18

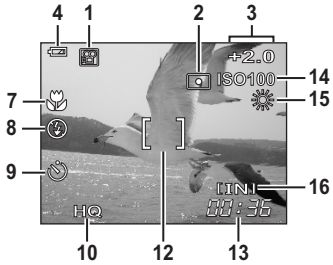
Self-timer button ( ) P. 12, 43

Monitor indications

● Shooting modes



Still picture



Movie

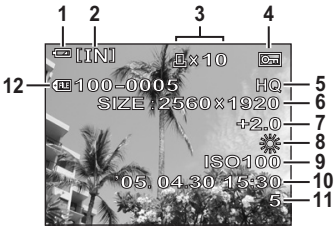
	Item	Indications	Ref. page
1	Shooting mode	P, , , , , , , , ,	P. 33
2	Metering	,	P. 49
3	Exposure compensation	-2.0 – +2.0	P. 47
4	Battery check	,	–
5	Green lamp	○	P. 23
6	Flash stand-by Flash charge	(Lights) (Blinks)	P. 39
7	Macro mode		P. 38
8	Flash mode	, ,	P. 39
9	Self-timer		P. 43
10	Record mode	SHQ, HQ, SQ1, SQ2, SQ	P. 25
11	Image size	2560 × 1920, 1600 × 1200, 640 × 480, etc.	P. 25
12	AF target mark	[ ]	P. 23
13	Number of storable still pictures Remaining recording time	5 00:36	P. 26 P. 42
14	ISO	ISO64, ISO100, ISO200, ISO320	P. 50

	Item	Indications	Ref. page
15	White balance	☀, ☁, 💡, ▦	P. 48
16	Memory *	[IN], [xD]	P. 28

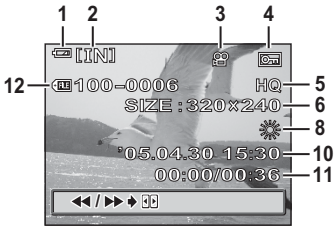
* [IN] is displayed when the internal memory is used. [xD] is displayed when the card is used.

● Playback mode

In the playback mode, the [INFO] setting allows you to select how much information to display on the screen. Screens with the information display set on are shown below. ☞"Displaying detailed shooting information" (P. 62)



Still picture



Movie

	Item	Indications	Ref. page
1	Battery check	,	–
2	Memory *	[IN], [xD]	P. 28
3	Print reservation/ number of prints	×10	P. 80
	Movie		P. 55
4	Protect		P. 62
5	Record mode	SHQ, HQ, SQ1, SQ2, SQ	P. 25
6	Image size	2560 × 1920, 1600 × 1200, 640 × 480, etc.	P. 25
7	Exposure compensation	-2.0 – +2.0	P. 47
8	White balance	WB AUTO, , , ,	P. 48
9	ISO	ISO64, ISO100, ISO200, ISO320	P. 50
10	Date and time	'05.04.30 15:30	P. 73
11	Frame number Playing time/Total recording time	5 00:00/00:36	P. 55
12	File number	100 – 0005	P. 71

* [IN] is displayed when the internal memory is used. [xD] is displayed when the card is used.

Note

- The indications on the movie frame before playback differ from the indications displayed during playback.

Index

For reference page numbers relating to camera parts, see “Names of parts”.

2 IN 1 46

A
AC adapter.....114
AF target mark 23
ALL INDEX.....79
ALL PRINT.....79
ALL RESET.....68
All-frame erase 65
All-frame reservation 85
Auto focus.....24
Auto-flash.....39
AV cable.....60

B
BACKUP 63
Battery.....115
Battery check 129, 131
Beep sound 70
BLACK & WHITE 56

C
Card 26, 28, 29
CCD 72, 119
Center-weighted metering ..49
Close-up playback 52
Cloudy day 48
Compression.....25

D
Date and time 73
DCF.....119
DIGITAL ZOOM 37
Direct printing.....75
DPOF 82, 119

E
Error codes 81, 105
EV 47, 119
Exposure.....47, 119
Exposure compensation 47

F
FILE NAME 71
File name 71
File No..... 71
Fill-in flash 39
Flash charging..... 40
Flash mode 40
Flash off 40
Flash stand-by 40
Fluorescent lamp 48
Focus 24
Focus lock..... 23
Folder name..... 71
Format..... 66
FORMAT 66

H
HQ..... 25, 27

I
Image size..... 25, 119
INDEX 58
Index display 52, 53
INDOOR 33
Information display **INFO**..... 62
Internal memory 28
ISO 50, 119

J
JPEG..... 119

L
LANDSCAPE 33
LANDSCAPE+PORTRAIT . 33
Lithium ion battery..... 115

M
Macro mode shooting 38
MEMORY FORMAT 66
METERING 49
MODE MENU.....17
Monitor brightness adjustment 72
Motion-JPEG.....26
MOVIE 34
MOVIE PLAY 55
Movie recording 34, 42
MULTI PRINT 79

N
NIGHT SCENE 34
NIGHT+PORTRAIT 34
Noise reduction 34, 120
NTSC 61, 120
Number of storable still pictures.....26

O
OLYMPUS Master 90, 96
Optical zoom 36

P
PAL 61, 120
PANORAMA 44
PC 95
PictBridge.....75, 120
Picture rotation 53
PIXEL MAPPING 72
Pixels 25, 120
Playback mode 10, 11, 13, 52
Playback on a TV.....60
PORTRAIT 33
Press fully 24
Press halfway.....23
PRINT 76, 79
PRINT ORDER 79
Print settings 82
PROGRAM AUTO **P**.....33
Protect 62

R
REC VIEW 70
Record mode 25, 27
Red-eye reduction flash 39
Remaining recording time 26
Resizing 56

S
Scene mode shooting **SCENE** 33
Selecting a language 69
SELF PORTRAIT 34
Self-timer 43
SEPIA..... 56
Shooting mode 9, 11, 12
Shortcut Menus 16
SHQ 25, 27
Single-frame erase 64
Single-frame reservation 84
Sleep mode 9, 120
Slideshow 54
SPORT 33
Spot metering 49
SQ 25, 27
STANDARD 75
Sunny day 48

T
Top menu 15
Tungsten light 48

U
USB cable 76, 95
USB driver..... 91, 103

V
VIDEO OUT 61

W
White balance **WB** 48

X
xD-Picture Card..... 28, 29

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