

OLYMPUS[®]

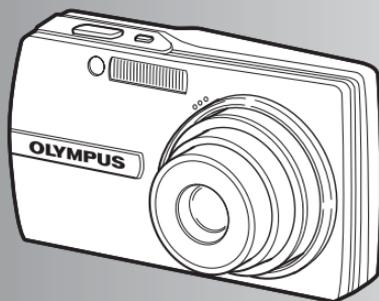
DIGITAL CAMERA

Stylus 1000 / μ 1000

Advanced Manual

Quick Start Guide

This manual will help you get started using your camera right away.



Button operations

Menu operations

Printing pictures

Using OLYMPUS Master

Getting to know your
camera better

Appendix

- 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.
- The screen and camera illustrations shown in this manual were produced during the development stages and may differ from the actual product.

Quick Start Guide P. 3

Button operations P. 10

Test out the functions of the camera buttons by following along with the illustrations.

Menu operations P. 17

Learn about the menus that control the functions and settings for basic operation.

Printing pictures P. 35

Learn how to print pictures you have taken.

Using OLYMPUS Master P. 41

Learn how to transfer and save pictures to a computer.

Getting to know your camera better P. 50

Find out more about camera operations and how to take better pictures.

Appendix P. 63

Read about convenient functions and safety precautions on how to use your camera more effectively.

Gather these items (box contents)



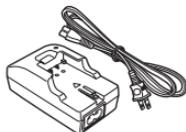
Digital Camera



Strap



LI-12B
Lithium Ion Battery



LI-10C Battery Charger



USB Cable



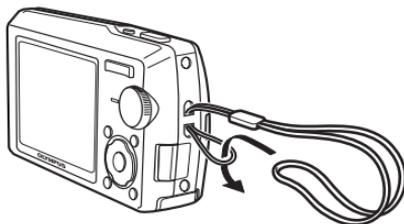
AV Cable



OLYMPUS Master
Software CD-ROM

Items not shown: Advanced Manual (this manual), Basic Manual, and warranty card.
Contents may vary depending on purchase location.

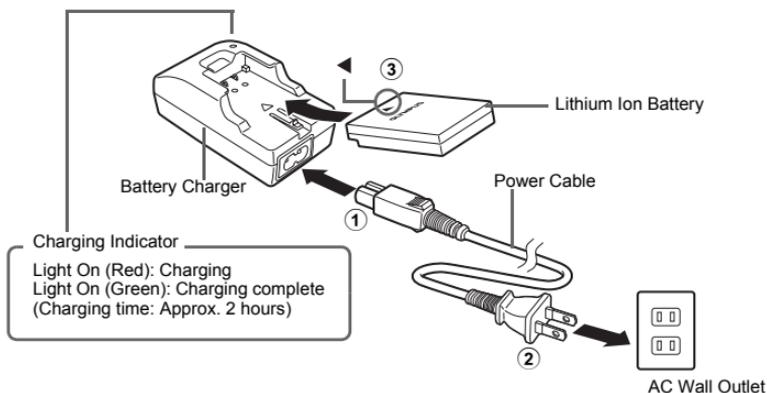
Attach the strap



- Pull the strap tight so that it does not come loose.

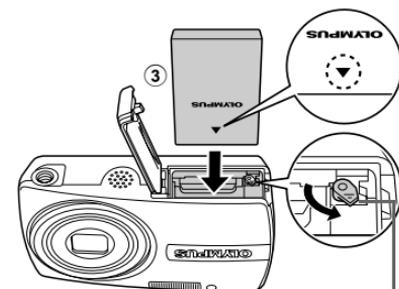
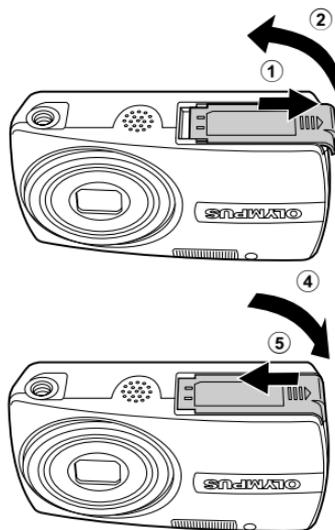
Prepare the battery

a. Charge the battery



- Battery comes partially charged.

b. Insert the battery in the camera



- Make sure to insert the battery in the direction of the ▼ symbol until locked in place.

Battery lock knob

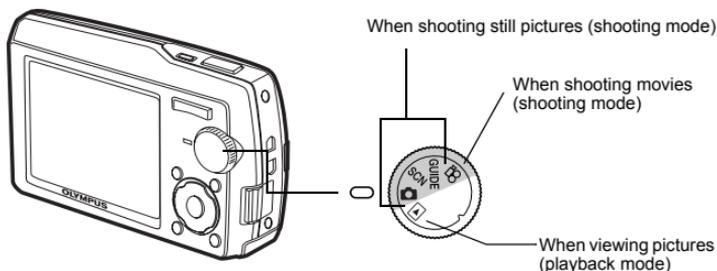
- To remove the battery, slide the battery lock knob in the direction of the arrow.

- For details on inserting an optional xD-Picture Card™ (hereinafter referred to as “the card”), please refer to “Inserting and removing the card” (P. 64).

Turn the camera on

This explains how to turn on the camera in shooting mode.

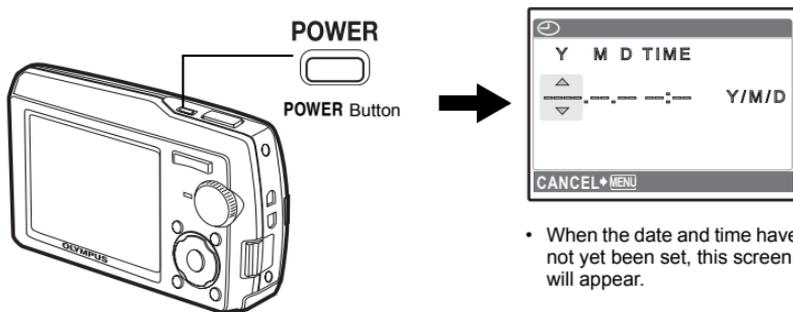
a. Set the mode dial to .



Still picture shooting modes

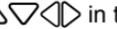
	This function allows you to shoot with the camera's automatic settings.
SCN	This function allows you to shoot pictures by selecting a scene according to the shooting condition.
GUIDE	This function allows you to set the target items by following the shooting guide displayed on the screen.

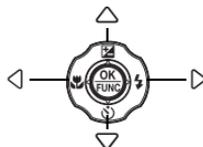
b. Press the **POWER** button



- To turn off the camera, press the **POWER** button once again.

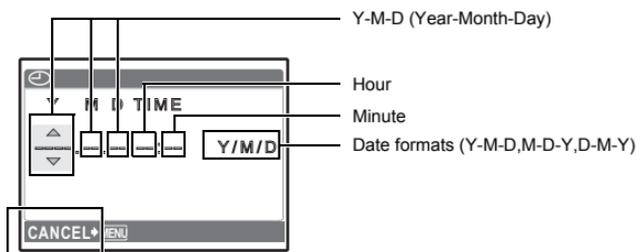
Hint

The directions of the arrow pad () is indicated with  in this manual.



Set date and time

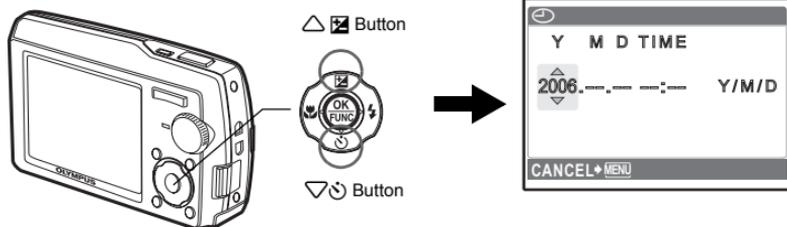
About the date and time setting screen



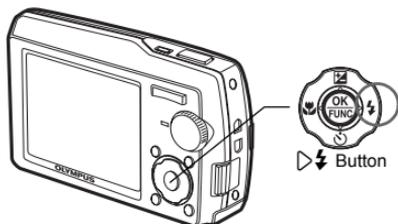
Exits a setting.

a. Press the button and the button to select [Y].

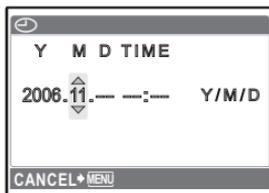
- The first two digits of the year are fixed.



b. Press the button.

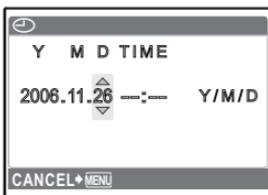


c. Press the button and the button to select [M].



d. Press the button.

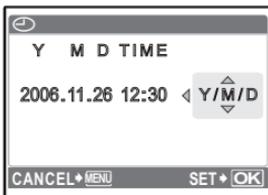
- e. Press the button and the button to select [D].



- f. Press the button.
 g. Press the button and the button to select "hour", "minute".
 • The time is displayed in the 24-hour format.



- h. Press the button.
 i. Press the button and the button to select [Y/M/D].



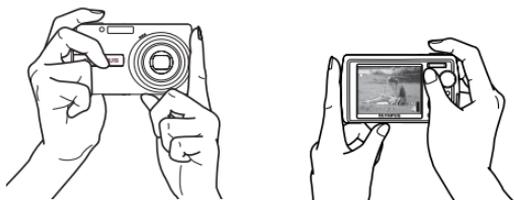
- j. After all items have been set, press the button.
 • For precise time setting, press the button as the time signal strikes 00 seconds.



Take a picture

a. Hold the camera

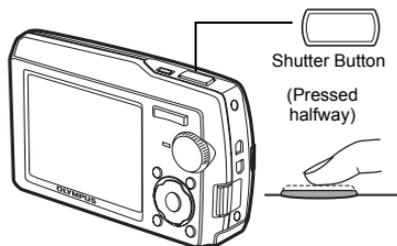
Horizontal grip



Vertical grip



b. Focus



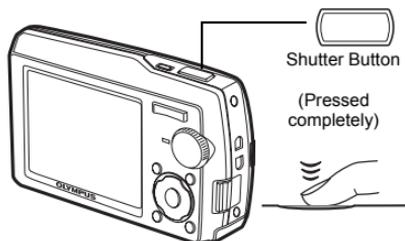
Place this mark over your subject.



The number of remaining still pictures is displayed.

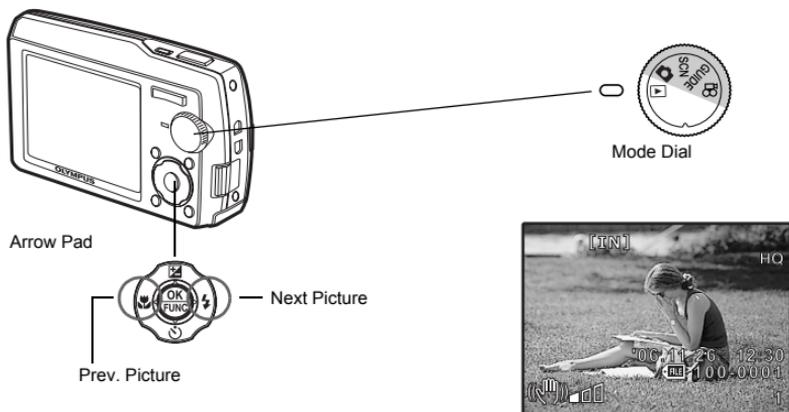
The green lamp indicates the focus and exposure are locked.

c. Shoot



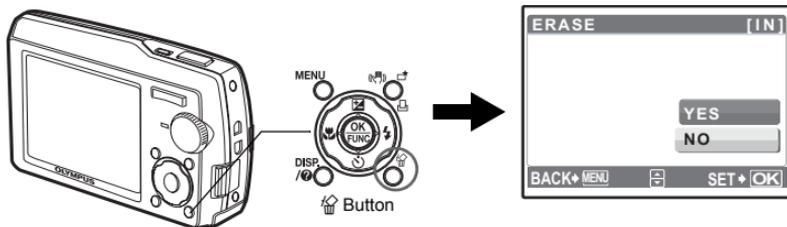
Review your pictures

- a. Set the mode dial to .

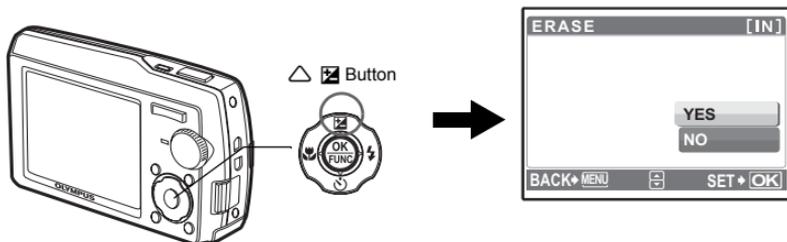


Erase pictures

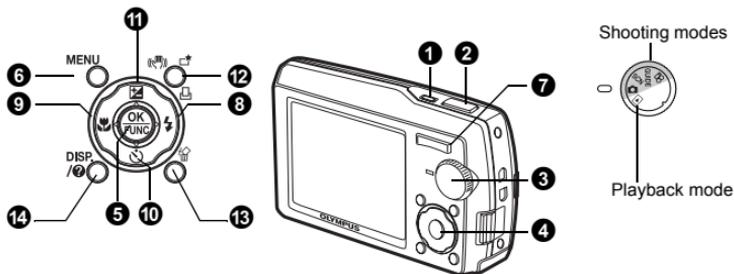
- a. As described in a. above, display the picture you want to erase.
b. Press the  button.



- c. Press the  button to select [YES] and press the  button to erase the image.



Button operations



1 POWER button

Turning the camera on and off

Power on:

- Shooting mode
 - Monitor turns on
 - Lens extends

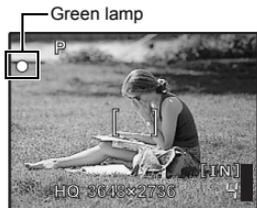
- Playback mode
 - Monitor turns on

2 Shutter button

Shooting pictures

Shooting still pictures

Set the mode dial to **SCN. GUIDE** and lightly press the shutter button (halfway). The green lamp lights when the focus and exposure are locked (focus lock). Press the shutter button all the way (completely) to take the picture.



Focus Lock - Locking the focus before composing your shot

Compose your picture with the focus locked, and then completely press the shutter button to shoot a picture.

- When the green lamp blinks, the focus is not adjusted properly. Try locking the focus again.

Recording movies

Set the mode dial to , and lightly press the shutter button to lock the focus, and then press the shutter button completely to start recording. Press the shutter button again to stop recording.

3 Mode dial

Switching between shooting and playback modes

Set the mode dial to the desired shooting or playback mode.

Shooting still pictures

The camera determines the optimum settings for the shooting conditions automatically.

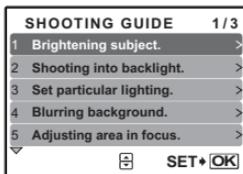
SCN Shoot pictures by selecting a scene mode according to the situation

You can shoot pictures by selecting a scene according to the situation.

Select a scene mode/change another scene mode to another one

- Press **MENU** to select [SCN] from the top menu to switch to another scene.
- By switching to the other scene, most settings will be changed to the default settings of each scene.

GUIDE Follow the shooting guide to take better pictures



This function allows you to set the target items by following the shooting guide displayed on the screen.

- Press **MENU** to display the shooting guide again.
- To change the setting without using the shooting guide, set the shooting mode to another one.
- Shooting guide settings can be reverted to their defaults by pressing **MENU** or changing the mode using the mode dial.

Recording movies

Audio is recorded with the movie

- Set [DIGITAL ZOOM] to [ON] to enable the zoom function for shooting
-  "DIGITAL ZOOM Zooming in on your subject" (P. 21).



This icon lights red during movie recording.

The remaining recording time is displayed.
When the remaining recording time reaches 0, recording will stop automatically.

Viewing still pictures/Selecting playback mode

The last picture taken is displayed.

- Press the arrow pad to view other pictures.
- Use the zoom button to toggle between close-up playback, index display and calendar display.
-  Movie playback "MOVIE PLAY Playing back movies" (P. 23)

4 Arrow pad (△▽◀▶)

Use the arrow pad to select scenes, playback picture, and the items on the menus.

5 button (OK/FUNC)

Displays the Function Menu which contains the functions and settings used during shooting. This button is also used to confirm your selection.

Functions you can set with the Function Menu

P/AUTO Shooting pictures with automatic settings

Select the shooting mode when you have set the mode dial to .

P (Program auto)	The camera automatically sets the optimum aperture value and shutter speed for the brightness of the subject.
AUTO (Full auto)	The camera automatically sets white balance and ISO sensitivity in addition to the aperture and shutter speed.

Other functions you can set with the Function Menu

-  "WB Adjusting the color of a picture" (P. 20)
-  "ISO Changing the ISO sensitivity" (P. 21)
-  "DRIVE Using sequential (continuous) shooting" (P. 21)
-  "ESP/ Changing the area for measuring the brightness of a subject" (P. 21)

Function Menu



△▽: Select the function to be set.

◀▶: Select a setting, and press .

6 MENU button (MENU)

Displays the Top Menu.

7 Zoom button

Zooming while shooting/close-up playback

Shooting mode: Zooming in and out on your subject

Optical zoom: 3×



Zoom out:
Press W on the zoom button.

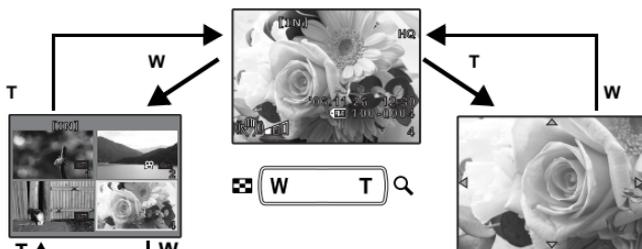


Zoom in:
Press T on the zoom button.

Playback mode: Changing the picture display

Single-frame playback

- Use the arrow pad to browse pictures.



Index displays

- Use the arrow pad to select a picture for playback, and press to play back the single-frame of the picture selected.

Close-up playback

- Press T to incrementally enlarge the picture up to 10 times the original size. Press W to reduce the size.
- Use the arrow pad during close-up playback to scroll around the picture.
- Press to return to the singleframe.

Calendar display

- Use the arrow pad to select the date, and press or T on the zoom button to display the pictures on the date selected.

8 button

Using the flash

Press in shooting mode to select the flash setting. Press to confirm your selection.

AUTO (Auto-flash)	The flash fires automatically in low light or backlight conditions.
Red-eye reduction flash	This emits pre-flashes to reduce the occurrence of red-eye in your pictures.
Fill-in flash	The flash fires regardless of the available light.
Flash off	The flash will not fire.

9 button

Shooting pictures close to the subject

Press in shooting mode to select the macro mode. Press to confirm your selection.

OFF	Macro mode is deactivated.
Macro mode	This mode lets you shoot as close as 30cm/11.8 in. (wide) and 50cm/19.6 in. (tele) from your subject.
Super macro mode	This mode lets you shoot as close as 10cm/3.9 in. from your subject. If the distance between the camera and the subject is over 60 cm/ 23.6 in., the picture will be out of focus.

- Zoom and flash cannot be used in super macro mode.

10   **button****Shooting with the Self-Timer**

Press   in shooting mode to select on and off of the self-timer. Press  to confirm your selection.

 ON	Set the self-timer.
 OFF	Cancels the self-timer.

- After pressing the shutter button completely, the self-timer lamp lights up for approximately 10 seconds, blinks for approximately 2 seconds, and then the picture is taken.
- To cancel the self-timer, press .
- Self-timer shooting is automatically canceled after one shot.

11   **button****Changing picture brightness**

Press   in shooting mode to adjust the exposure.

- Adjustable from -2.0EV to +2.0 EV

: Brighten
: Darken

Activate the setting contents.

12    **button****Shooting pictures using image stabilizer/
Editing images/Printing pictures**** Shooting pictures with digital image stabilization**

Press    in shooting mode to select on and off of the image stabilizer. Press  for setting.

Still picture shooting mode: Shooting using digital image stabilization

This function reduces the blur caused by a moving subject or camera movement.

 OFF	Image stabilizer is deactivated.
 ON	Image stabilizer is activated.

- When shooting in a dark environment, ISO is automatically increased, which may increase electrical noise, causing a rough image.

Movie recording mode: Shooting in digital image stabilization movie mode

Shooting using digital stabilizer.

 OFF	Image stabilizer is deactivated.
 ON	Image stabilizer is activated.

- When set to [ ON], images will appear slightly magnified.
- Images may not be correctable if the camera is severely shaken or the subject's motion is excessive.
- Select [ OFF] when recording movie with the camera physically stabilized. If not, the movie you are capturing may shake along with the subject.

Editing images

The recorded image is corrected and saved as a new one. Display the picture you want to edit in playback mode and press //. Use / to select the item you want to edit, and press  to execute the selected feature.



ALL	All digital image stabilization edit, lighting fix and redeye fix are activated together.
 DIS EDIT	Retouches unanticipated blurred images.
 LIGHTING FIX	The underexposed area of an image is brightened.
 REDEYE FIX	Only redeye fix is activated.

- Movies, pictures shot by another camera, and previously fixed or edited pictures cannot be corrected.
- Editing an image may cause it to suffer a minor loss in quality.

Printing pictures

When the printer is connected to the camera, display a picture to be printed out in playback mode and press //.
 "EASY PRINT" (P. 35)

13 button

Erasing pictures

In playback mode, select the picture you want to erase, and press . Select [YES] and press .

- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep.

 "Protecting pictures" (P. 27)

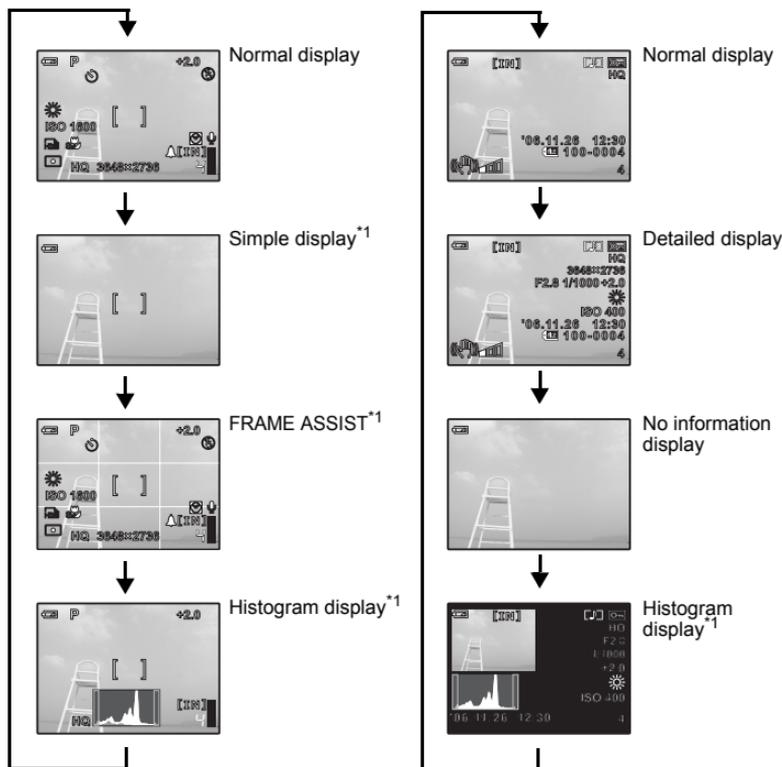
Changing the information displays

Press **DISP** to change the display in the following order.

Shooting mode

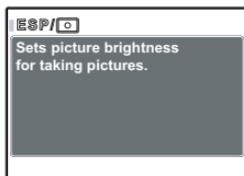
Playback mode

Button operations



^{*1} Not displayed in case of .

Displaying the menu guide

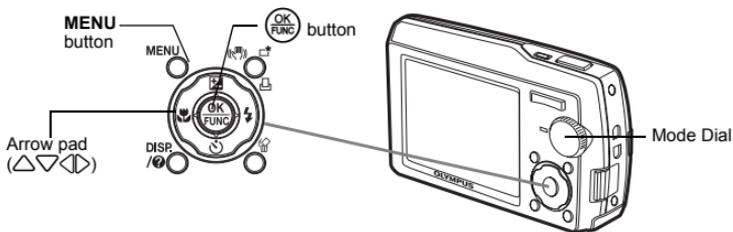


With menu items selected, hold down **DISP** to display the menu guide. Release **DISP** to close the menu guide.

Checking the time

While the camera is off, press **DISP** to display the time (and alarm set time when [ALARM CLOCK] is set). The time will be displayed for 3 seconds.

Menu operations

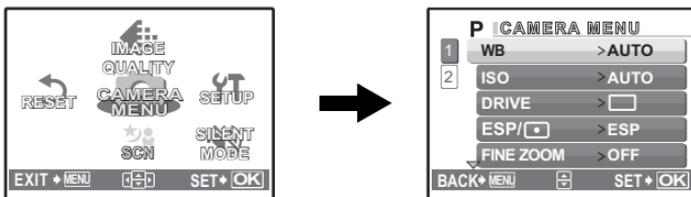


About the menus

Pressing **MENU** to display the Top Menu on the monitor.

- The items displayed on the Top Menu differ according to the mode.

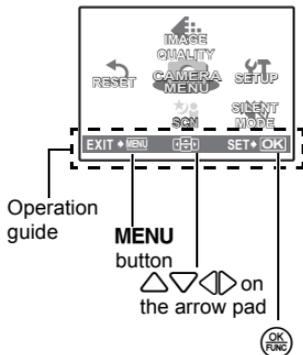
Top menu (in still picture shooting mode)



- When [CAMERA MENU], [PLAYBACK MENU], [EDIT], [ERASE], or [SETUP] is selected, the menu corresponding to the respective functions is displayed.
- When your camera is set according to the shooting guide with the mode dial set at **GUIDE**, press the **MENU** button to display the shooting guide screen.

Operation guide

During menu operations, the buttons and their respective functions are displayed at the bottom of the monitor. Follow these guides to navigate the menus.



- BACK** → **MENU**: Returns to the previous menu.
- EXIT** → **MENU**: Exits the menu.
- Arrow pad**: Press Δ ∇ \triangleleft \triangleright to select a setting.
- SET** → **OK/FUNC**: Sets the selected item.

Using the menus

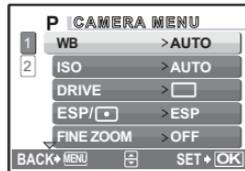
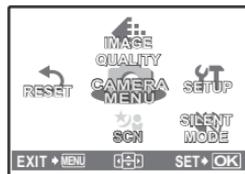
This explains how to use the menus with the [AF MODE] setting as an example.

- 1 Set the mode dial to .
- 2 Press MENU to display the Top Menu. Select [CAMERA MENU] and press  to confirm your selection.

- [AF MODE] is one of the selections on the [CAMERA MENU MENU]. Press  to confirm your selection.

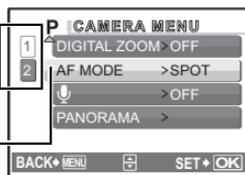
- 3 Use the arrow pad   to select [AF MODE], and press .

- Some settings may not be available, depending on the shooting/scene mode.
- When pressing  on this screen, the cursor moves to the page display. Press   to change the page. To select an item or function, press  or .



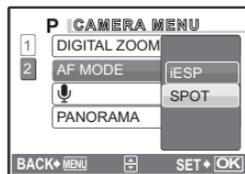
Page display: _____
The page display mark is displayed when there are additional menu items on the next page.

_____ The selected item is displayed in a different color.

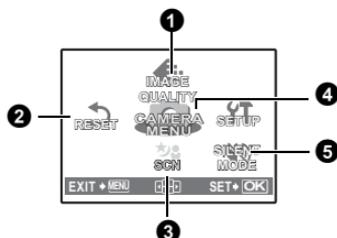


- 4 Use the arrow pad   to select [iESP] or [SPOT], and press .

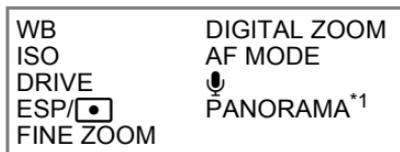
- The menu item is set and the previous menu is displayed. Press MENU repeatedly to exit the menu.
- To cancel changes and continue menu operation, press MENU before pressing .



Shooting mode menu



4 CAMERA MENU



*1 An Olympus xD-Picture Card is required.

- Some functions are not available according to the selected mode.
-  "Functions available in shooting modes and scene modes" (P. 61)
-  "SETUP menus" (P. 30)
- The factory default settings are displayed in gray ().

Still picture image quality and their applications

Image quality/Image size	Compression	Application
SHQ 3648 × 2736	Low compression	<ul style="list-style-type: none"> This is useful for printing large images on A3-size paper. This is useful for performing computer image processing, such as contrast adjustment and red-eye correction.
HQ 3648 × 2736	Standard compression	
SQ1 2560 × 1920 2304 × 1728 2048 × 1536	Standard compression	<ul style="list-style-type: none"> This is useful for A3/A4-size prints. This is useful for computer editing such as rotating or adding text to a picture.
SQ2 1600 × 1200 1280 × 960 1024 × 768 640 × 480	Standard compression Low compression	<ul style="list-style-type: none"> This is useful for postcard-sized prints. This is useful for viewing pictures on a computer. This is useful for sending as e-mail attachments.
16:9 1920 × 1080	Standard compression	<ul style="list-style-type: none"> This is useful for expressing the broadness of a subject such as landscapes and for viewing pictures on a wide-screen television.

Movie image quality

Image quality/Image size
SHQ 640 × 480
HQ 320 × 240
SQ 160 × 120

2 RESET

Restoring default settings

NO /YES

It restores shooting functions back to default settings. The mode dial must not be set to **GUIDE**.

Functions restored to the factory default settings

Function	Factory default setting	Ref. Page	Function	Factory default setting	Ref. Page
P/AUTO	P	P. 12	WB	AUTO	P. 20
Flash	AUTO	P. 13	ISO	AUTO	P. 21
	OFF	P. 13	DRIVE		P. 21
	OFF	P. 14	ESP/	ESP	P. 21
	0.0	P. 14	FINE ZOOM	OFF	P. 21
	OFF	P. 14	DIGITAL ZOOM	OFF	P. 21
Information Display	Normal Display	P. 16	AF MODE	SPOT	P. 22
IMAGE QUALITY	HQ	P. 19		OFF	P. 22
SCN	PORTRAIT	P. 20			

3 SCN (Scene) Selecting a scene mode according to the shooting situation

PORTRAIT / LANDSCAPE / LANDSCAPE+PORTRAIT / NIGHT SCENE*¹ /
 NIGHT+PORTRAIT*¹ / SPORT / INDOOR / CANDLE / SELF PORTRAIT /
 AVAILABLE LIGHT / SUNSET*¹ / FIREWORKS*¹ / MUSEUM / CUISINE / BEHIND GLASS /
 DOCUMENTS / AUCTION / SHOOT & SELECT1*² / SHOOT & SELECT2*³ /
 BEACH & SNOW

The scene mode selection screen displays sample images as well as a description of the shooting situation for which it is designed. It can be set only when the mode dial is set to **SCN**.

- By switching to the other scene mode, most settings will be changed to the default settings of each scene mode.

Scene selection



Set the scene mode.

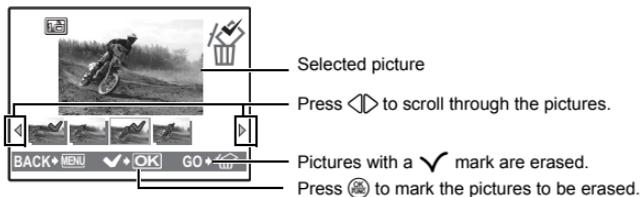
*1 When the subject is dark, noise reduction is automatically activated. This approximately doubles the shooting time, during which the next picture can be taken.

*2 The focus is locked at the first frame.

*3 The camera focuses for each frame.

[] SHOOT & SELECT1] / [] SHOOT & SELECT2]

- These scene modes allow you to take sequential pictures by holding down the shutter button. After shooting the pictures, select the ones you want to erase by marking them with a ✓ and press to erase them.



4 CAMERA MENU

WB Adjusting the color of a picture

	AUTO	The white balance is adjusted automatically for natural color, regardless of the light source.
	Sunny day	For shooting under a clear sky.
	Cloudy day	For shooting under a cloudy sky.
	Tungsten light	For shooting under tungsten lighting.
	Fluorescent lamp 1	For shooting under daylight fluorescent lighting. (This type of lamp is mainly used in homes.)
	Fluorescent lamp 2	For shooting under a neutral white fluorescent lamp. (This type of lamp is mainly used in desk lamps.)
	Fluorescent lamp 3	For shooting under a white fluorescent lamp. (This type of lamp is mainly used in offices.)

ISO **Changing the ISO sensitivity**

AUTO	Sensitivity is automatically adjusted according to the conditions of the subject.
64/100/200/ 400/800/1600/ 3200/6400	A low value lowers the sensitivity for daylight shooting of clear, sharp pictures. The higher the value, the better the camera's light sensitivity and ability to shoot with a fast shutter speed and in low light conditions. However, high sensitivity introduces noise into the resulting picture, which may give it a grainy appearance.

- When this is set to [3200] or above, [IMAGE QUALITY] is limited to [2048×1536] or less.

DRIVE **Using sequential (continuous) shooting**

<input type="checkbox"/>	Shoots 1 frame at a time when the shutter button is pressed.
<input checked="" type="checkbox"/>	Focus, exposure and WB are locked at the first frame. The sequential shooting speed varies depending on the setting of image quality.

You can take a sequence of pictures at one time by holding down the shutter button. The camera will take pictures continuously until you release the shutter button.

- In high speed sequential shooting, the flash mode is fixed at [Ⓢ] and [IMAGE QUALITY] is limited to [2048 × 1536].

ESP / **Changing the area for measuring the brightness of a subject**

ESP	Meters the brightness at the center of the monitor and the surrounding area separately to capture an image with balanced brightness. When taking pictures against strong backlight, the center of the picture may appear dark.
<input checked="" type="checkbox"/>	Only the center of the monitor is metered. Recommended for taking a picture against strong backlight.

FINE ZOOM **Zooming in on your subject without reducing image quality**

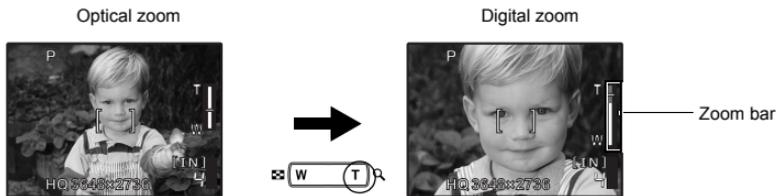
OFF / ON

Combines optical zoom and image capture to enable greater magnification (to a maximum of 5×)
 • [IMAGE QUALITY] will be limited to below [2048 × 1536].

DIGITAL ZOOM **Zooming in on your subject**

OFF / ON

The digital zoom can be used to take close-up pictures with stronger magnification than the optical zoom. (Optical zoom × Digital zoom: the maximum approximately 15×)



White area: The optical zoom area
 Red area: The digital zoom area

AF MODE..... Changing the focusing area

iESP	The camera determines which subject within the screen to focus on. Even when the subject is not in the center of the screen, focusing is possible.
SPOT	Focus selection is based on the subject within the AF target mark.

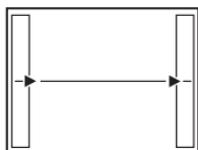
..... Recording sound with still pictures

OFF /ON

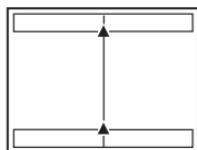
When activated [ON], the camera will record about 4 seconds of audio after the picture is taken. When recording, aim the camera microphone at the source of the sound you want to record.

PANORAMATaking pictures for the extended panoramic

Create a panoramic picture, using the OLYMPUS Master software from the provided CD-ROM. An Olympus xD-Picture Card is required for panorama shooting.



Connects pictures from left to right



Connects pictures from bottom to top

- ▷: 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.

Use the arrow pad to specify at which edge you want to connect the pictures, and then compose your shots so that the edges of the pictures overlap. The part of the previous picture that will be combined will not remain in the frame. Remember the frame displayed on the monitor as a rough indication, then compose the shot so that the edges of the previous picture in the frame overlap with the next shot.



Shooting is possible for up to 10 pictures. Press to exit panorama shooting.

5 SILENT MODE

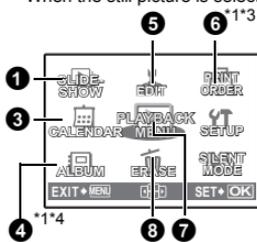
Setting to turn off operational sounds

OFF /ON

This function allows you to turn off operational sounds that occur during shooting and playback, warning beeps, shutter sounds, etc. This cannot be set when the mode dial is set to **GUIDE**.



When the still picture is selected



5 EDIT

- BLACK & WHITE
- SEPIA
- FRAME
- LABEL
- CALENDAR LAYOUT
- BRIGHTNESS
- SATURATION

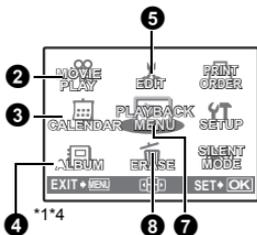
5 EDIT

- INDEX
- EDIT

7 PLAYBACK MENU

- ALBUM ENTRY^{*1}

When movie is selected



- *1 A card is required.
- *2 This is not displayed when a movie is selected.
- *3 This is not selected when the movie is selected.
- *4 If an album contains no pictures, it cannot be selected.

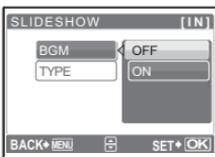
“SETUP menus” (P. 30)

“SILENT MODE Setting to turn off operational sounds” (P. 22)

- The factory default settings are displayed in gray ().

1 SLIDESHOW

Playing back pictures automatically



- Set [BGM] to [ON] or [OFF].
- Select the transition effect between pictures from [TYPE].

BGM	ON	/ OFF
TYPE	NORMAL	/ SCROLL / FADER / SLIDE / ZOOM DOWN / ZOOM UP / CHECKERBOARD / BLINDS / SWIVEL / RANDOM

- Only the first frame of each movie is displayed.
- After setting [BGM] and [TYPE], press to start the slideshow.
- Press to cancel the slideshow.

2 MOVIE PLAY

Playing back movies



Select [MOVIE PLAY] from the Top Menu, and press to playback a movie.

You can also playback a movie by selecting a picture with the movie icon () and pressing .

Operations during movie playback



- ▷ : Each time you press the button, the playback speed changes in the following order: 1x; 2x; 20x; and back to 1x.
- ◁ : Plays the movie in reverse. Each time you press the button, the reverse playback speed changes in the following order: 1x; 2x; 20x; and back to 1x.
- Playing time/Total recording time
- △ : Increases the volume.
- ▽ : Reduces the volume.

- Press to pause the playback.

Operations during pause



- ▷ : Displays the next frame.
- ◁ : Displays the previous frame.
- △ : Displays the first frame.
- ▽ : Displays the last frame.

- To resume the movie, press .
- To cancel the playback of the movie in the middle of it or during pause, press **MENU**.

3 CALENDAR

Playing back the pictures in a calendar format

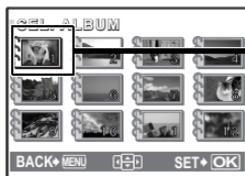
This function lets you playback the pictures in a calendar format, organized by the date the images were recorded.

4 ALBUM

Viewing pictures in an album

Use the arrow pad to select an album, and press .

Use the arrow pad to display picture you want to view.



"ALBUM ENTRY Adding pictures to an album" (P. 28)

5 EDIT

This function lets you edit still pictures saved on a card and store them as new pictures.

..... Changing the size of pictures

640 × 480 / 320 × 240

This changes the image size of a picture and saves it as a new file.

..... Cropping a picture

Crop a picture, and save the cropped picture as a new picture.



- Use   to select a picture to be cropped and press .
- Use the arrow pad and zoom button to adjust the position and size of the area-selection box, and press .

BLACK & WHITE.....Changing pictures to black and white

This changes the picture to black and white and saves it as a new file.

SEPIA.....Changing pictures to a sepia tone

This changes the picture to sepia and saves it as a new file.

FRAME.....Synthesize the frame and the picture

This function lets you select a frame, integrate the frame with an image, and save it as a new picture.



- Use the arrow pad   to select a frame and press .
- Use the arrow pad   to select the picture to be integrated with the frame (use   to rotate the picture clockwise or counterclockwise) and press .
- Use the arrow pad and the zoom button to adjust the position and size of the picture, and press  to finish.

LABEL..... Add a label to your picture

This function lets you select a label, integrate the label with an image, and save it as a new picture.



- Select the picture with  , and press .
- Select the label with  , and press . (Press   to turn the label 90 degrees clockwise and 90 degrees counterclockwise.)
- Use the arrow pad and zoom button to adjust the position and size of the label, and press .
- Set the color of the label with the arrow pad, and press .

CALENDAR Create a calendar print with a picture

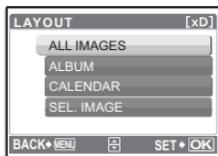
This function lets you select a calendar format, integrate the calendar with a picture, and save it as a new file.



- Select the picture with  , and press .
- Select the calendar with  , and press . (Press   to turn the picture 90 degrees clockwise or 90 degrees counterclockwise.)
- Set the date of the calendar, and press .

LAYOUT..... Making a layout of several recorded pictures

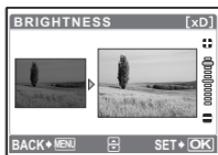
ALL IMAGES	Layout of the all pictures stored in the internal memory or the card will be made.
ALBUM	The picture you want to make layout is selected from the album.
CALENDAR	A monthly calendar appears and the pictures you want to make layout are selected by the date.
SEL. IMAGE	Pictures that you want to make layout are specified one by one.



- Use \triangleleft to select a layout pattern and press \odot .
- Select the picture type you want to make layout and press \odot .
- Select the picture and press \odot . (When [SEL. IMAGE] is selected, press \triangle / ∇ to turn the picture 90 degrees clockwise or 90 degrees counterclockwise.)

BRIGHTNESS..... Change the brightness of the picture

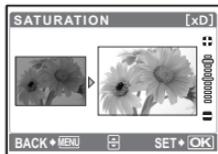
This function lets you adjust the brightness of a picture and save it as a new picture.



- Select the picture with \triangleleft , and press \odot .
- Adjust the brightness with \triangle / ∇ , and press \odot .

SATURATION..... Change the vividness of the picture

This function lets you adjust the vividness of the picture, and store it as a new picture.



- Select the picture with \triangleleft , and press \odot .
- Adjust the vividness with \triangle / ∇ , and press \odot .

INDEX..... Making an index picture from a movie

This function extracts 9 frames from a movie and saves them as a new picture (INDEX) containing thumbnails of each frame.



- Use \triangleleft to select a movie and press \odot .
- Use the arrow pad to select the first frame and press \odot . Select the last frame in the same way and press \odot .

EDIT.....Cutting a part of the movie

Select a part of the movie you wish to save, overwrite the original file with it, or save it as a new file.



- Select [NEW FILE] or [OVERWRITE] and press
- Use the arrow pad to select the first frame and press . Select the last frame in the same way and press .

6 PRINT ORDER

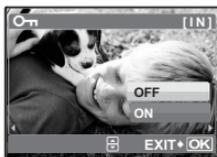
Making print reservations (DPOF)

This function allows you to save printing data (the number of prints and the date and time information) with the pictures stored on the card. "Print settings (DPOF)" (P. 38)

7 PLAYBACK MENU

.....Protecting pictures

OFF / ON



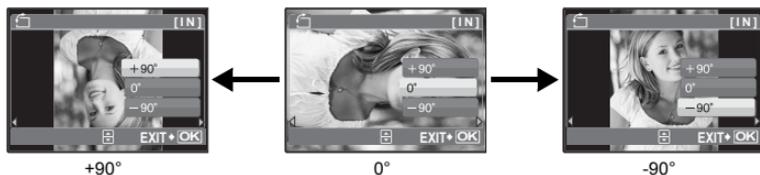
Protected pictures cannot be erased with [ERASE]/[SEL.IMAGE]/[ALL ERASE], but they are all erased by formatting.

- Select the picture with , and protect it by selecting [ON] with . You can protect several frames in succession. is displayed when the picture is protected.

.....Rotating pictures

+90° / 0° / -90°

Pictures taken with the camera held vertically are displayed horizontally during playback. This function lets you rotate such pictures so that they are displayed vertically on the monitor, and the new picture orientations will be saved even after the power is turned off.





YES /CANCEL



Sound is recorded for about 4 seconds.

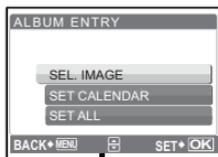
- Use the arrow pad to select a picture, and select [YES] to begin recording.
- The [BUSY] bar will be temporarily displayed.

ALBUM ENTRY.....Adding pictures to an album

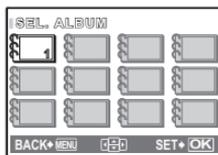
Pictures recorded to the card can be organized by sorting them into albums. Pictures stored in the internal memory cannot be entered in albums.

"Album playback menus" (P. 29)

Select the album entry method



Select an album to add the pictures



[SEL. IMAGE]

**Select one frame at a time for entry**

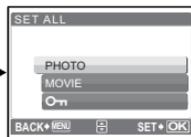
- Use the arrow pad to select the picture, and press to add .
- Press again to cancel the selection.
- When the selection is completed, press for a while.

[SET CALENDAR]

**Add pictures taken on the same day**

Use the arrow pad to select the date containing the pictures you want to enter in the album, and press .

[SET ALL]

**Select all still images, all protected images, or all movies**

8 ERASE

Erase selected pictures/Erase all pictures

Protected pictures cannot be erased. Cancel protection before erasing protected pictures. Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep.

- When erasing the picture in the internal memory, do not insert the card into the camera.
- When erasing the picture from the card, insert a card into the camera in advance.

SEL. IMAGE..... Erase by selecting the single-frame



- Press the arrow pad to select a picture, and press \odot to put \checkmark .
- To cancel the selection, press \odot again.
- When all individual pictures to be erased have been marked, press ⏏ .
- Select [YES], and press \odot .

ALL ERASE..... Erase all the pictures in the internal memory and the card

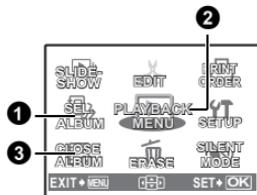
- Select [YES], and press \odot .

Album playback menus

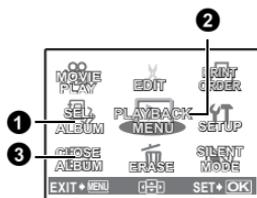
- A card registered with an album is required.

⏏ "ALBUM ENTRY Adding pictures to an album" (P. 28)

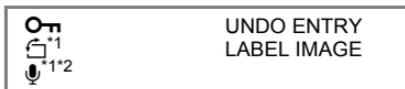
When the still picture is selected



When a movie is selected



2 PLAYBACK MENU



*1 This is not displayed when the movie is selected.

*2 This feature is not available during album playback.

⏏ "SLIDESHOW Playing back pictures automatically" (P. 23)

"MOVIE PLAY Playing back movies" (P. 23)

"Print settings (DPOF)" (P. 38)

"SETUP menus" (P. 30)

"ERASE Erase selected pictures/Erase all pictures" (P. 29)

"SILENT MODE Setting to turn off operational sounds" (P. 22)

1 SEL. ALBUM

Viewing other albums

To switch albums, select the desired album from [SEL. ALBUM].

⏏ "ALBUM Viewing pictures in an album" (P. 24)

2 PLAYBACK MENU

UNDO ENTRY Undoing album entries

Even if a picture is removed from an album, the picture remains in the card.

SEL. IMAGE

Select one frame at a time to undo.



- Use the arrow pad to select a picture, and press to put .
- Press again to cancel the selection.
- When the selection is completed, press for a while.

UNDO ALL

Undo all pictures in the album

LABEL IMAGE Selecting the label image (album cover)



You can change the label image (first frame in the album) to be displayed on the album selection screen.

— Title image (first frame in the album)

Other album menus

- "On Protecting pictures" (P. 27)
- "Rotating pictures" (P. 27)

3 CLOSE ALBUM

This function exits album playback.

SETUP menus

Shooting mode	Playback mode	SETUP																
		<table border="1"> <tr> <td>MEMORY FORMAT (FORMAT^{*1})</td> <td>SHUTTER SOUND^{*2*3*5}</td> </tr> <tr> <td>BACKUP^{*1}</td> <td>VOLUME^{*2*3}</td> </tr> <tr> <td>PW ON SETUP^{*2*3}</td> <td>REC VIEW</td> </tr> <tr> <td>SCREEN SETUP^{*4}</td> <td>FILE NAME</td> </tr> <tr> <td>COLOR</td> <td>PIXEL MAPPING</td> </tr> <tr> <td>BEEP^{*2*3}</td> <td> VIDEO OUT</td> </tr> <tr> <td> ^{*2*3}</td> <td> DUAL TIME</td> </tr> <tr> <td></td> <td>ALARM CLOCK</td> </tr> </table>	MEMORY FORMAT (FORMAT ^{*1})	SHUTTER SOUND ^{*2*3*5}	BACKUP ^{*1}	VOLUME ^{*2*3}	PW ON SETUP ^{*2*3}	REC VIEW	SCREEN SETUP ^{*4}	FILE NAME	COLOR	PIXEL MAPPING	BEEP ^{*2*3}	VIDEO OUT	^{*2*3}	DUAL TIME		ALARM CLOCK
MEMORY FORMAT (FORMAT ^{*1})	SHUTTER SOUND ^{*2*3*5}																	
BACKUP ^{*1}	VOLUME ^{*2*3}																	
PW ON SETUP ^{*2*3}	REC VIEW																	
SCREEN SETUP ^{*4}	FILE NAME																	
COLOR	PIXEL MAPPING																	
BEEP ^{*2*3}	VIDEO OUT																	
^{*2*3}	DUAL TIME																	
	ALARM CLOCK																	

*1 A card is required.

*2 When [SILENT MODE] is set to [ON], the camera will not beep regardless of the setting.

"SILENT MODE Setting to turn off operational sounds" (P. 22)

*3 When **SCN** is set to [MUSEUM], the camera will not beep regardless of the setting.

*4 [SCREEN SETUP] can be selected when playing back still pictures.

*5 When the mode dial is set to , the camera will not beep regardless of the setting.

MEMORY FORMAT (FORMAT)..... Formatting the internal memory or card

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

- Make sure there is no card inserted in the camera when formatting the internal memory.
- When the internal memory is formatted, the data of the frames and labels downloaded with the provided OLYMPUS Master software will be deleted.
- Be sure that the card is inserted in the camera when formatting the card.
- Before using non-Olympus cards or cards which have been formatted on a computer, you must format them with this camera.

BACKUP Copying pictures in the internal memory to the card

Insert the optional card into the camera. Copying data does not erase the picture in the internal memory.

- It takes some time to back up data. Check if the battery is sufficiently charged before starting the copy, or use the AC adapter.

 Selecting a display language

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

You can add other languages to your camera with the provided OLYMPUS Master software.

PW ON SETUP Setting the startup screen and volume

SCREEN	OFF (No picture is displayed.)	/	1	/	2 (The picture registered with [SCREEN SETUP] is displayed.)
VOLUME	OFF (No sound)	/	LOW	/	HIGH

You can set the volume and select the picture to be displayed when the camera is turned on. If [SCREEN] is set to [OFF], [VOLUME] cannot be set.

SCREEN SETUP Registering a picture as the startup screen

Still pictures in the internal memory or a card can be registered to screen [2] for [PW ON SETUP]. If a picture is already registered, the [IMAGE EXISTING] screen is displayed, giving you the options to cancel the currently registered picture or to register a new one.

COLOR..... Setting the color of the menu screens

NORMAL	/BLUE	/BLACK	/ PINK
--------	-------	--------	--------

BEEP Adjusting the volume of beep when buttons are pressed

OFF (No sound) /	LOW	/ HIGH
------------------	-----	--------

 Adjusting the volume of camera warning sound

OFF (No sound) /	LOW	/ HIGH
------------------	-----	--------

SHUTTER SOUND Selecting the sound of the shutter button

OFF (No sound)	
1	LOW / HIGH
2	LOW / HIGH
3	LOW / HIGH

VOLUME Adjusting the volume during playback

OFF (No sound) / 1 / 2 / 3 / 4 / 5

REC VIEW Viewing pictures immediately after they are taken

OFF The picture being recorded will not be displayed. This is useful when you want to prepare for your next shot quickly.

ON The picture being recorded will be displayed temporarily on the monitor. This is useful for making a brief check of the picture you have just taken. You can resume shooting while the picture is still being displayed.

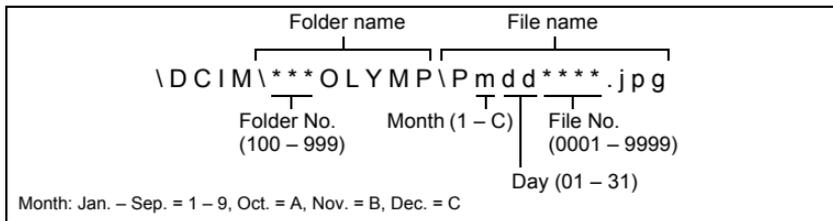
- When **SCN** is set to [SHOOT & SELECT1], the picture you have taken will be displayed during saving regardless of the setting.
- When **SCN** is set to [AUCTION] or [SHOOT & SELECT2], the picture being saved will not be displayed regardless of the setting.

FILE NAME Resetting the file names of pictures

RESET This method is useful when grouping files on separate cards. 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].

AUTO This method is useful when you want to manage all your files with sequential numbers. Even if a new card is inserted, the folder number and file number are retained from the previous card. This helps you to manage multiple cards.

File names and their folder names for recorded pictures are automatically generated by the camera. File names and folder names respectively include file numbers (0001 to 9999) and folder names (100 to 999), and are named as follows.

**PIXEL MAPPING** Adjusting the image processing function

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 the pixel mapping function to perform properly. If you turn the camera off during pixel mapping, start again. Select [PIXEL MAPPING]. When [START] is displayed, press .

Adjusting the brightness of monitor



△: Brightens the monitor. ▽: Darkens the monitor.

Press  to confirm your selection.

VIDEO OUT Playing back pictures on a TV

NTSC / PAL

The factory default settings differ according to the region where the camera is sold.

To play back camera images on a TV, set the video output according to your TV's video signal type.

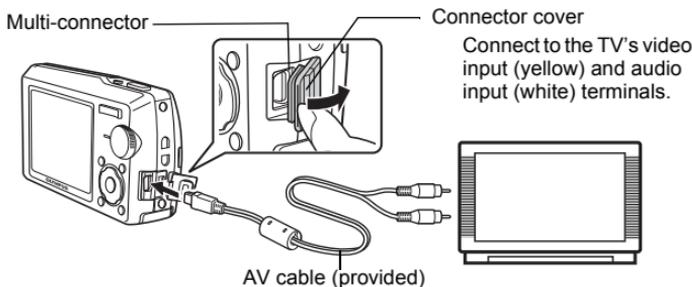
- TV video signal types differ by country/region. Check the video signal type before connecting the camera to the TV.

NTSC: North America, Taiwan, Korea, Japan

PAL: European countries, China

Playing back pictures on a TV

Turn off the camera and the TV before connecting.



Settings on the camera

Press **POWER** in playback mode 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.

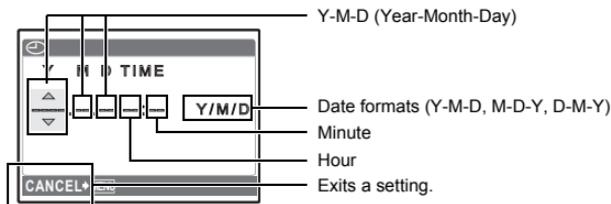
Settings on the TV

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

- For details of switching to video input, refer to your TV's instruction manual.
- Images and the information displayed on the screen may become cropped depending on the TV's settings.

Setting the date and time

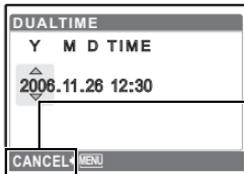
The date and time is saved with each image, and is used in the file name.



- The first two digits of [Y] are fixed.
- The time is displayed in the 24-hour format.
- To set the time precisely, with the cursor at either "minute" or [Y/M/D], press as the time signal strikes 00 seconds.

DUALTIMESetting the date and time in another time zone

OFF	Switches to the date and time set in . Pictures are recorded with the date and time set in .
ON	Switches to the date and time set in [DUALTIME]. When setting the dual time, select [ON], and then set the time. Pictures are recorded with the date and time set in [DUAL TIME].



MENU: Exits a setting.

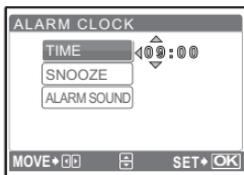
- The date format is the same as that set with .
- The first two digits of [Y] are fixed.
- The time is displayed in the 24-hour format.

ALARM CLOCKSetting alarms

OFF	No alarm is set or alarm is canceled.
ONE TIME	Alarm is activated only once. After the alarm goes off, the setting is canceled.
DAILY	Alarm is activated daily at the set time.

- When has not been set, [ALARM CLOCK] is not available.
- When [SILENT MODE] is set to [ON], the alarm will not sound.
- When [DUALTIME] is set to [ON], the alarm sounds according to the dual time date and time setting.

Setting an alarm



- Select [ONE TIME] or [DAILY], and set the alarm time.
- You can set snooze or alarm sounds and alarm volume.

TIME	Sets the alarm time.
SNOOZE	OFF No snooze is set.
	ON Alarm is activated every 5 minutes, up to 7 times.
ALARM SOUND	1 LOW / MID / HIGH
	2 LOW / MID / HIGH
	3 LOW / MID / HIGH

Operating, shutting off and checking the alarm

- Operating the alarm:
 - Turn off the camera. The alarm only operates when the camera is off.
- Shutting off the alarm:
 - While the alarm is sounding, press any button to shut off the alarm and turn off the camera. Note that pressing **POWER** will turn the camera on.
 - If [SNOOZE] is set to [OFF], the alarm stops automatically and the camera turns off after 1 minute of no operation.
- Checking the alarm settings:
 - While the camera is off, press to display the current and alarm set times. Times will be displayed for 3 seconds.

Direct printing (PictBridge)

Using the direct printing function

By connecting the camera to a PictBridge-compatible printer, you can print pictures directly - no computer necessary. Select the pictures you want to print and the number of prints using the camera's print menus.

What is PictBridge?

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

- Available printing modes, paper sizes etc., vary depending on the printer you use. Refer to the instruction manual for your printer.
- For details of printing paper types, ink cassettes, etc., refer to the printer's instruction manual.

EASY PRINT

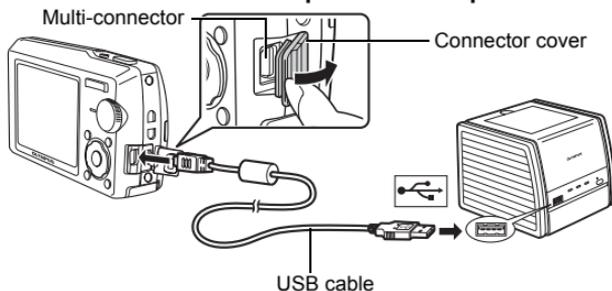
[EASY PRINT] is the quick and simple solution to print the picture displayed on your camera's monitor.

The selected picture is printed using the standard settings of your printer. The date and file name are not printed.

STANDARD

All printers that support PictBridge have standard print settings. If [STANDARD] is selected on the settings screens (P. 37), pictures are printed according to these settings. Refer to the printer's instruction manual for its standard settings or contact the printer manufacturer.

- 1 In playback mode, display the picture you want to print out on the monitor.**
- 2 Turn the printer on and plug the USB cable (provided) into the camera's multi-connector and the printer's USB port.**



- The easy print start screen is displayed.
- For details of how to turn the printer on and the position of the USB port, refer to the printer's instruction manual.

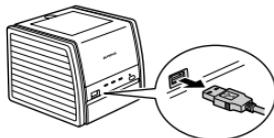
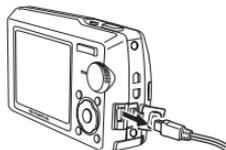
3 Press /★/□.

- Printing starts.

- When printing is finished, the picture selection screen is displayed. To print another picture, press  to select a picture, and press /★/□.
- When you are finished, disconnect the USB cable from the camera with the picture selection screen displayed.

4 Disconnect the USB cable from the camera.

5 Disconnect the USB cable from the printer.



You can use [EASY PRINT] even when the camera is turned off or in shooting mode. With the camera turned off or in shooting mode, connect the USB cable. The selection screen for the USB connection is displayed. Select [EASY PRINT].

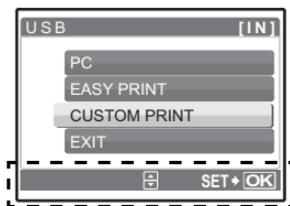
 "EASY PRINT" Step 3 (P. 36), "CUSTOM PRINT" Step 2 (P. 36)

Other print modes and print settings (CUSTOM PRINT)

1 Display the screen indicated on the right according to the procedure 1 and 2 in P. 35, and press .

2 Select [CUSTOM PRINT], and press

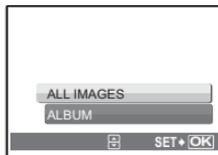
.



Operation guide —

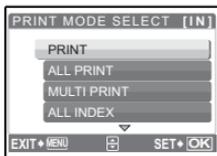
3 Follow the operation guide to adjust print settings.

Selecting the picture to print



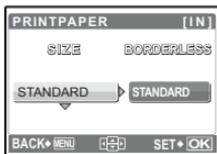
ALL IMAGES	Allows you to select from all pictures.
ALBUM	Select an album and the pictures in the album to print. (Available only when a card is inserted.)

Selecting a print mode



PRINT	Prints the selected picture.
ALL PRINT	Prints all the pictures stored in the internal memory or the 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 the card.
PRINT ORDER	Prints the pictures according to the print reservation data on the card. If no print reservations have been made, this option is not available. ☞ "Print settings (DPOF)" (P. 38)

Setting the print paper



SIZE	Choose from the available paper sizes on your printer.
BORDERLESS	Select with or without borders. In [MULTI PRINT] mode, you cannot print with a border.
OFF (<input type="checkbox"/>)	The picture is printed inside a blank frame.
ON (<input type="checkbox"/>)	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 the standard.

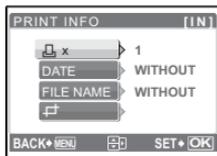
Selecting the picture to print



PRINT	Prints one copy of the selected picture. When [SINGLE PRINT] or [MORE] has been selected, a single copy or more copies are printed.
SINGLE PRINT	Makes a print reservation for the displayed picture.
MORE	Sets the number of prints and data to be printed for the displayed picture.

Press \leftarrow \rightarrow to select the picture you want to print. You can also use the zoom button and select a picture from the index display.

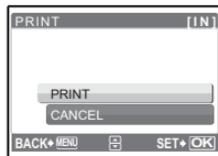
Setting the number of prints and data to be printed



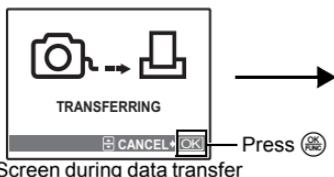
x	Sets the number of prints. You can select up to 10 prints.
DATE (🕒)	If you select [WITH], pictures are printed with the date.
FILE NAME (📄)	If you select [WITH], pictures are printed with the file name.
	Use the arrow pad and zoom button, adjust the location and size of the trimming frame, then press to print the cropped picture.

4 Select [PRINT], and press .

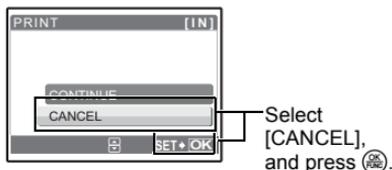
- Printing starts.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.



To cancel printing

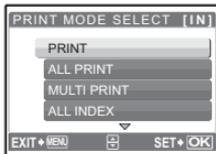


Screen during data transfer



5 In the [PRINT MODE SELECT] screen, press MENU to exit printing.

- A message is displayed.



6 When finished printing, disconnect the USB cable from the camera and then the printer.

7 Disconnect the USB cable from the printer.

Print settings (DPOF)

How to make print reservations

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

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

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.

! 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.
- You can make DPOF print reservations for up to 999 images per card.
- Not all functions may be available on all printers, or at all photo stores.
- Panoramic pictures may not be printable at all photo stores.

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.
☞ "BACKUP Copying pictures in the internal memory to the card" (P. 31)

Single-frame reservation

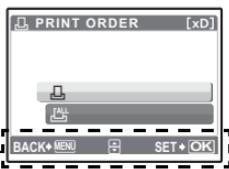
Follow the operation guide to make a print reservation for a selected picture.

1 Press MENU in the playback mode and display the top menu.

2 Select [PRINT ORDER] ▶ [OK], and press .

- Playing back the album: Top menu ▶ [PRINT ORDER] ▶ [OK]

Operation guide



3 Press to select the frames for print reservations, and then press to set the number of prints.

- You cannot make print reservations for pictures with .
- Repeat Step 3 to make print reservations for other pictures.

Cropping a picture

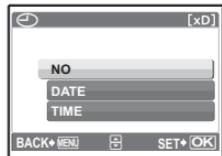
- Use zoom button to display the trimming frame.
- Use the arrow pad and zoom button to adjust the position and the size of area-selection box then press .



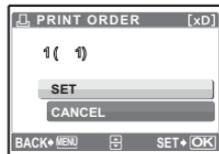
4 When you finish making print reservations, press .

5 Select the date and time print setting, and press .

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



6 Select [SET], and press .



All-frame reservation

Reserves all the pictures stored on the card. The number of prints is set at one print per picture.

1 Press MENU in the playback mode and display the top menu.

2 Select [PRINT ORDER] , and press .

- Playing back the album: Top menu  [PRINT ORDER]  [ALL]

3 Select the date and time setting, and press .

NO The pictures are printed without the date and time.

DATE All pictures are printed with the shooting date.

TIME All pictures are printed with the shooting time.

4 Select [SET], and press .

Resetting print reservation data

You can reset all the print reservation data or just for selected pictures.

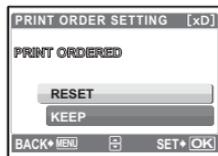
1 Select top menu , [PRINT ORDER], and press .

- Playing back the album: Top menu  [PRINT ORDER]

To reset the print reservation data for all the pictures

2 Select [] or [], and press .

3 Select [RESET], and press .



To reset the print reservation data for a selected picture

2 Select [], and press .

3 Select [KEEP], and press .

4 Press to select the picture with the print reservations you want to cancel, and press to decrease the number of prints to 0.

- Repeat Step 4 to cancel print reservations for other pictures.

5 When you are finished canceling print reservations, press .

6 Select the date and time setting, and press .

- The setting is applied to the remaining pictures with print reservations.

7 Select [SET], and press .

Using OLYMPUS Master

Overview

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. 41

Connect the camera to the computer using the USB cable P. 43

Start up the OLYMPUS Master software P. 44

Download image files to the computer P. 45

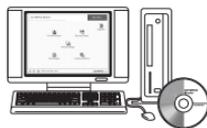
Disconnect the camera from the computer P. 46

Using OLYMPUS Master

What is OLYMPUS Master?

OLYMPUS Master is a software application for managing your digital images on your computer. Installing it on your computer allows you to do the following:

- **Download images from the camera or other media**
- **View images and movies**
You can run a slideshow and play back sound.
- **Manage images**
You can organize your images using the calendar display. Search the images you want by date or keyword.
- **Edit images**
You can rotate images, trim them and change the size.
- **Edit images with the filter and correction functions**



- **Print images**
You can print images and make indexes, calendars and postcards.
- **Make panoramic images**
You can make panoramic images using pictures taken in panorama mode.

For details of other functions and operations, refer to the "Help" guide and OLYMPUS Master reference manual.

Install the OLYMPUS Master software

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

- **Windows 98 is not supported.**
- 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 only.
- 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

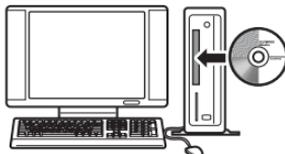
! Note

- **Mac versions earlier than OS X 10.2 are not supported.**
- 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 camera's 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 "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 region 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. To install Adobe Reader, click “OK”.



5 Follow the on-screen instructions.

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

6 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 displays confirmation of the completion of installation.

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.



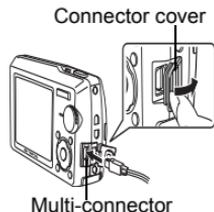
Connecting the camera to a computer

1 Make sure the camera is turned off.

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

2 Connect the multi-connector on the camera to the USB port on the computer using the provided USB cable.

- Refer to your computer's instruction manual to locate the position of the USB port.
- The camera is switched on automatically.
- The monitor turns on and the selection screen for the USB connection is displayed.



3 Select [PC], and press .

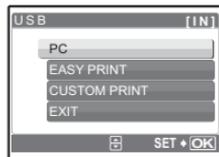
4 The camera is recognized by the computer.

• Windows

When you connect the camera to your computer for the first time, the computer will attempt to recognize the camera automatically. Click "OK" to exit the message that is displayed. The camera is recognized as a "Removable Disk".

• Macintosh

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.
- Connecting the camera to a computer via a USB hub may cause unstable operation. In this case, do not use a hub, but connect the camera directly to the computer.

Start up the OLYMPUS Master software

Windows

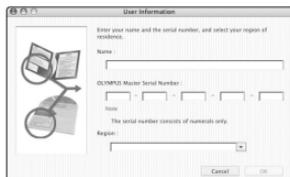
1 Double-click the "OLYMPUS Master" icon on the desktop.

- The main menu is displayed.
- When OLYMPUS Master starts 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.

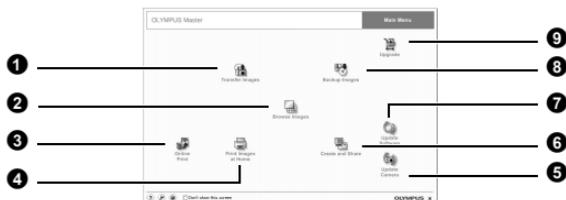
Macintosh

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 region. **Refer to the sticker on the CD-ROM package for the serial number.**
- 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**
The “Browse” window is displayed.
- 3 “Online Print” button**
The online print window is displayed.
- 4 “Print Images at Home” button**
The print menu is displayed.
- 5 “Update Camera” button**
The firmware of the camera can be updated to the latest version.
- 6 “Create and Share” button**
Displays the editing menu.
- 7 “Update Software” button**
OLYMPUS Master can be updated to the latest version.
- 8 “Backup Images” button**
Creates backup images.
- 9 “Upgrade” button**
Displays the window for optional upgrade to OLYMPUS Master Plus.

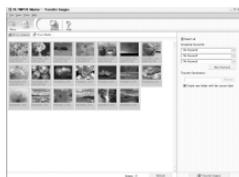
To exit OLYMPUS Master

- 1 Click “Exit”  on the main menu.**
 - Quit OLYMPUS Master.

Displaying camera images on a computer

Downloading and saving images

- 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 the pictures you want to transfer is displayed. All the images in the camera will be 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.



To disconnect the camera

- 1 Make sure that the card access lamp has stopped blinking.

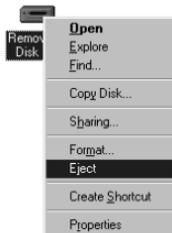
Card access lamp



- 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 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 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.

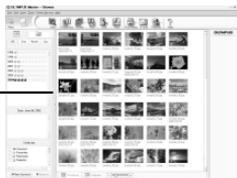
Viewing still pictures and movies

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.

Thumbnail



- OLYMPUS Master 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.

- OLYMPUS Master switches to view mode and the first frame of the movie is displayed.

2 To play back the movie, click the 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

You have various printing options such as photo print, thumbnail print, postcard print and calendar.

1 Click “Print Images at Home”  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

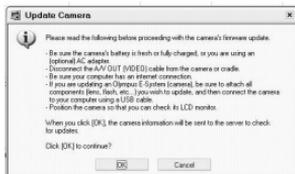
- If your computer is running Windows 98SE, you will need to install the USB driver. Before connecting the camera to your computer with the USB cable, double-click the files from the following folders on the provided OLYMPUS Master Software CD-ROM.
(Drive name): \USB\INSTALL.EXE
- Data transfer is not 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
 - Computers with a USB port added by means of an extension card, etc.
 - Computers without a factory-installed OS and home-built computers

To increase the number of languages

Be sure that your battery is fully charged!

1 Make sure that your PC is connected to the Internet. Click “Update Camera” on the OLYMPUS Master main menu.

- After selecting the Update Camera function OLYMPUS Master shows a Window with security advices.



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

3 Plug the other end of the USB cable into the camera's USB multi-connector.

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

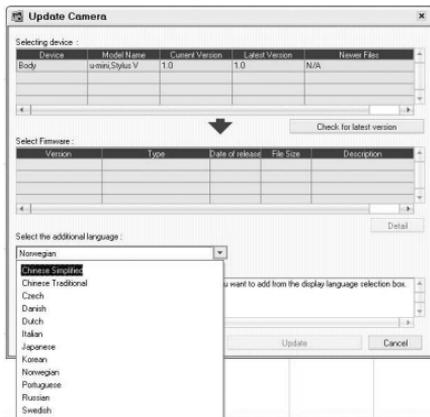
4 Select [PC], and press .

5 Click “OK”.

- OLYMPUS Master will recognize the actual Version of your camera now.
- Click “Check for latest Version” and the Software is searching at the Olympus Homepage for new Camera firmware versions and for additional languages. Then you can select an additional language.

6 After click “Update” is now downloading the new language to your camera. Please do not remove any cable or the battery while the camera is processing.

7 After the download procedure the camera display will show “OK”. You can remove the cables and turn power off. After restarting the camera you will be able to choose the new language from [SET UP].



Getting to know your camera better

Shooting tips and information

Troubleshooting

The camera does not turn on even when a battery is loaded

The battery is not fully charged

- Charge the battery with the charger.

The battery is temporarily unable to function because of the cold

- Battery performance declines in low temperatures, and the charge may not be sufficient to turn on the camera. Remove the battery and warm it by putting it in your pocket for a while.

No picture is taken when the shutter button is pressed

The camera is in sleep mode

- To save battery power, the camera automatically goes into sleep mode and the monitor turns off if there is no operation when the camera is turned on (when the lens is extended and the monitor is on). No picture is taken even if the shutter button is fully pressed in this mode. Operate the zoom button or other buttons to restore the camera from sleep mode before taking a picture. If the camera is left for 15 minutes, it automatically turns off (the lens retracts and the monitor turns off). Press **POWER** to turn the camera on.

The mode dial is set to 

- This is the playback mode for displaying pictures on the monitor. Set the mode dial to a shooting mode.

The mode dial is in the position of **GUIDE**

- No pictures can be taken when the shooting guide is being displayed. Take pictures after setting target terms by following the shooting guide or set it to the setting other than **GUIDE** in shooting mode.

The flash is charging

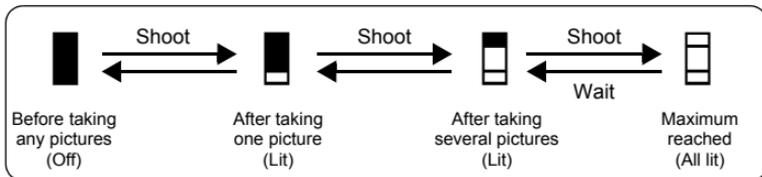
- Wait until the  (flash charge) mark stops blinking before taking the picture.

The camera's internal temperature increases.

- With prolonged camera use, the internal temperature may increase, resulting in automatic shutdown. If this occurs, remove the battery from the camera and wait until the camera has sufficiently cooled. The camera's external temperature may also increase during use, however this is normal and does not indicate malfunction.

The memory gauge is full

- No pictures can be taken when the memory gauge is full. Wait until there is space in the memory gauge.



The date and time have not been set

The camera has been used in the same conditions from the time of purchase

- No date and time have been set for the camera at the time of purchase. Set the date and time before using the camera.

 "Turn the camera on" (P. 5)

 "Setting the date and time" (P. 33)

The battery has been pulled out of the camera.

- The date and time settings will be returned to the factory default settings if the camera is left without batteries for approximately 3 day. Before taking important pictures, check that the date and time settings are correct.

Shooting tips

Focusing on the subject

There are several ways to focus, depending on the subject.

When the subject is not in the center of the frame

- Place the subject in the center of the frame, lock the focus on the subject, and then recompose your picture.
- Set [AF MODE] to [iESP].

 "AF MODE Changing the focusing area" (P. 22)

The subject is moving quickly

- Focus the camera on a point roughly the same distance away as the subject you want to shoot and lock the focus (by pressing the shutter button halfway). Then recompose your picture and press the shutter button completely as the subject enters the frame.

Subjects that are difficult to focus on

- Under certain types of conditions, it is difficult to focus using auto focus. The green lamp on the monitor lights, allowing you to check if the focus is locked.

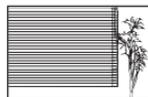
The green lamp blinks.
The subject cannot be brought into focus.



Subject with low contrast



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

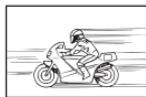


Subject without vertical lines

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, and then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

Prevent blur by using image stabilization

Be sure to hold the camera firmly with both hands and press the shutter button slowly so as to avoid moving the camera. To stabilize the digital image, take pictures with the / /  pressed and set the mode dial to .

The digital images are not stabilized when:

- images are shot at a high-magnification zoom setting, i.e. using both optical zoom and digital zoom functions,
- the object is dark and the shutter speed is slow, or
- scene modes where the flash is turned off and/or the shutter speed is slow.

Taking stabilized pictures without the flash

The flash is activated automatically when there is insufficient light, or when the camera is shaken. To take pictures with no flash in dark places, set the flash mode to  and set as follows:

Set the camera to  mode

- ➡ / /  button Shooting pictures using image stabilizer/Editing images/Printing pictures" (P. 14)

Increase the [ISO] setting

- ➡ "ISO Changing the ISO sensitivity" (P. 21)

The picture is too grainy

There are several factors that can cause the picture to appear grainy.

Using the digital zoom to take close-up pictures

- With the digital zoom, part of the image is cropped and enlarged. The greater the magnification, the grainier the picture appears.

- ➡ "DIGITAL ZOOM Zooming in on your subject" (P. 21)

Increasing the ISO sensitivity

- When you increase the [ISO] setting, "noise", which appears as spots of unwanted color or unevenness in the color, can be introduced and give the picture a grainy appearance. This camera is equipped with a function to allow shooting at high sensitivity while suppressing noise; however, increasing the ISO sensitivity can result in some noise, depending on the shooting conditions.

- ➡ "ISO Changing the ISO sensitivity" (P. 21)

Taking pictures with the correct color

- The reason why there are sometimes differences between the actual colors and the colors recorded in a picture is related to the light source illuminating the subject. [WB] is the function that helps the camera determine the true colors. Normally, the [AUTO] setting provides the optimal white balance, but depending on the subject, results may be better if you manually adjust the [WB] setting.

- When the subject is in the shade on a sunny day
- When the subject is illuminated by both natural light and indoor lighting, such as when near a window
- When there is no white in the center of the frame

- ➡ "WB Adjusting the color of a picture" (P. 20)

Taking pictures of a white beach or snow scene

- Take pictures with  in **SCN** mode. Suitable for taking pictures on a sunny day at the beach or in the snow.
-  **“SCN (Scene) Selecting a scene mode according to the shooting situation”** (P. 20)
- Often, bright subjects (such as snow) turn out darker than their natural colors. Adjust  (exposure compensation) toward [+] to make these subjects closer to their true shades. Conversely, when you are shooting dark subjects, it can be effective to adjust the exposure compensation toward the [-]. Sometimes, using the flash may not produce the brightness (exposure) that was intended.
-  **“ button Changing picture brightness”** (P. 14)

Taking pictures of a subject against backlight

- With [ESP/] set to [], the picture can be taken based on the brightness at the center of the monitor without being affected by the light in the background.
-  **“ESP/ Changing the area for measuring the brightness of a subject”** (P. 21)
- Set the flash to [] to activate fill-in-flash. You can shoot a subject against backlight without the face of the subject appearing dark. [] is effective for shooting against backlight and under fluorescent and other artificial lightening.
-  **“ button Flash shooting”** (P. 13)

Additional shooting tips and information

Increasing the number of pictures that can be taken

There are two ways to record the pictures you take with this camera.

Recording pictures to the internal memory

- Pictures are recorded to the internal memory, and when the number of storable still pictures reaches 0, you must connect the camera to a computer to download the pictures, and then erase the pictures from the internal memory.

Using a card (optional)

- Pictures are recorded to the card when inserted in the camera. When the card is full, you download the pictures to a computer, and then either erase the pictures from the card or use a new card.
- Pictures are not recorded to the internal memory when a card is inserted in the camera. Pictures in the internal memory can be copied to the card using the [BACKUP] function.
-  **“BACKUP Copying pictures in the internal memory to the card”** (P. 31)
“The card” (P. 63)

Number of storable still pictures and recording length of movies

Still pictures

Image quality	Image size	Number of storable still pictures			
		Internal memory		Using a 512 MB card	
		With sound	Without sound	With sound	Without sound
SHQ	3648 × 2736	5	5	102	102
HQ	3648 × 2736	10	10	199	202
SQ1	2560 × 1920	22	22	409	420
	2304 × 1728	26	27	499	515
	2048 × 1536	33	35	626	652
SQ2	1600 × 1200	41	43	760	798
	1280 × 960	61	66	1141	1228
	1024 × 768	90	101	1681	1879
	640 × 480	132	156	2457	2904
16:9	1920 × 1080	37	39	694	726

Movie

Image quality	Image size	Remaining length	
		Internal memory	Using a 512 MB card
SHQ	640 × 480 (30 frames/sec.)	15 sec.	4 min. 42 sec.
HQ	320 × 240 (30 frames/sec.)	41 sec.	12 min. 42 sec.
SQ	160 × 120 (15 frames/sec.)	5 min. 23 sec.	1 hour 40 min. 8 sec.

- When the [IMAGE QUALITY] is set to [SHQ], the continuously recording length of the card other than the TypeH is up to approx. 15 seconds.

Using a new card

- If you use a non-Olympus card or a card used for another application, such as for a computer, the message [CARD ERROR] is displayed. To use this card with this camera, use the [FORMAT] function to format the card.

 "MEMORY FORMAT (FORMAT) Formatting the internal memory or card" (P. 31)

Lamp indicators

This camera uses several lamps to indicate the camera status.

Lamp	Status
Self-timer lamp	The lamp lights for approximately 10 seconds, blinks for approximately 2 seconds, and then the picture is taken.
Card access lamp	Blinking: An image or movie is being recorder or downloaded (when connected to a computer). <ul style="list-style-type: none">• Do not do any of the following while the card access lamp is blinking. Doing so may prevent the image data from being saved and render the internal memory or card unusable.<ul style="list-style-type: none">• Open the battery compartment/card cover• Remove the battery.• Connect or disconnect the AC adapter.
Green lamp of the monitor	Lit: The focus and exposure are locked. Blinking: The focus and exposure are not locked. <ul style="list-style-type: none">• Release your finger from the shutter button, re-position the AF target mark on the subject and press the shutter button halfway again.

Extending the useful life of the battery

- Performing any of the following operations when not actually taking pictures can deplete the battery power.
 - Repeatedly pressing the shutter button halfway
 - Repeatedly using the zoom
- To minimize the battery consumption, turn off the camera whenever it is not in use.

Functions that cannot be selected from menus

- Some items may not be selectable from the menus when using the arrow pad.
 - Items that cannot be set with the current shooting mode
 - Items that cannot be set because of an item that has already been set: [S₁], "flash", etc.
 - Items that cannot be set because the pictures taken by other camera will be edited.
- Some functions cannot be used when there is no card in the camera.
[PANORAMA], [PRINT ORDER], [ALBUM] [ALBUM ENTRY], [UNDO ENTRY], [LABEL IMAGE], [FORMAT], [BACKUP]

Selecting the appropriate image quality

Image quality is a combination of desired image size and compression level. Use the following examples to help determine the right quality when shooting.

To make high quality prints on full-size paper such as A3. To edit and process images on a computer

- [SHQ] or [HQ]

To print A3/A4-size images

- [SQ1]

To print postcard-size images/To send as an e-mail attachment or post on a web site

- [SQ2]

To express the broadness of a subject such as landscapes/to view pictures on a wide-screen television.

- [16:9]

 "IMAGE QUALITY Changing the image quality" (P. 19)

Restoring default settings

- This camera retains the settings even after the power is turned off (except when **SCN** is set). To return the settings to default settings, execute [RESET].

 "RESET Restoring default settings" (P. 19)

Confirming the exposure when the monitor is difficult to see outdoors

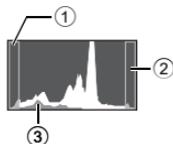
The monitor may be difficult to see (and the exposure difficult to confirm) when shooting under bright light.

Press  repeatedly to display the histogram

- Set the exposure so that the graph is concentrated on the outer edges and the graph is balanced on both sides.

How to read the histogram

- ① If the peak fills too much of the frame, the image will appear mostly black.
- ② If the peak fills too much of the frame, the image will appear mostly white.
- ③ The part indicated in green in the histogram shows the luminance distribution within the AF target mark.



  "DISP  button Changing the information displays /Display the menu guide/Checking the time" (P. 16)

To fix blurry pictures

If the played back picture is blurred, press // and fix the blur to get clearer pictures.

Icon

No icon: Blurs cannot be fixed.

  : Stabilized images

        : You can fix the blurs on the pictures. Some blurs may be left on some images.

* It may take a moment to display the icon to indicate the blurs on the image.

Pictures cannot be fixed as expected.

- Blurs on some images may not be fixed or may not be removed completely even if // is pressed.
 - The shutter speed is low and/or the camera was severely shaken:
The recorded picture may not be stabilized or cannot acquire the proper stabilization effect.
 - Moving subjects: Blurs caused by the movement of the subject cannot be fixed.
- The red-eye cannot be fixed.
 - Depending on the picture, certain red-eyes may not be correctable. Also, areas other than the eyes may be wrongly corrected.
- In addition, the digital image stabilization mode cannot be activated when:
 - the USB cable is connected to the camera,
 - the internal memory capacity or the card capacity is insufficient, or
 - the image was extracted from a movie, the image was shot with another camera, or the image was already fixed with Digital Image Stabilization Edit.

Images cannot be edited.

- Certain pictures, such as panoramic pictures and those with [IMAGE QUALITY] set to [16:9], cannot be integrated with frames, labels or calendars. Some other editing features are not applicable.

The picture cannot be registered in the album

- Up to 100 pictures can be registered in each album.
- The same picture cannot be registered in several albums.

Playback tips

Playing back the picture in the internal memory

- When a card has been inserted in the camera, the picture in the internal memory cannot be played back. Turn off the camera and remove the card to playback pictures stored in the camera's internal memory.

Understanding the settings and other information of pictures taken

- Play back a picture, and press . Press  repeatedly to change the amount of information displayed.
-   button Changing the information on display/Display the menu guide/Checking the time" (P. 16)

Quickly displaying a desired picture

- Use the album function. You can create up to 12 albums and enter the pictures on a card to the albums. To view the pictures, set the mode dial to , and then select an album from the top menu to play back.
The same picture cannot be entered in multiple albums.
-  "ALBUM ENTRY Adding pictures to an album" (P. 28)
"ALBUM Viewing pictures in an album" (P. 24)
- Press W on the zoom button to view the pictures as thumbnails (index display) or in a calendar format (calendar display).
-  "Zoom button Zooming while shooting/close-up playback" (P. 12)

Erasing sound recorded to still pictures

- Once sound is added to a picture, it is not possible to erase the sound. In this case, make a re-recording with silence. Sound recording is not possible if there is insufficient space in the internal memory or on the card.
-   "Adding sound to still pictures" (P. 28)

Viewing pictures on a computer

Viewing the entire picture on a computer screen

The size of the picture displayed on a computer screen changes depending on the computer settings. When the monitor setting is 1,024 × 768 and you are using Internet Explorer to view a picture with an image size of 2,048 × 1,536 at 100%, the entire picture cannot be viewed without scrolling. There are several ways you can view the entire picture on the computer screen.

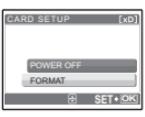
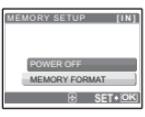
View the picture using image browsing software

- Install the OLYMPUS Master software from the provided CD-ROM.

Change the monitor setting

- The icons on the computer desktop may be rearranged. For details of changing the settings on your computer, refer to the computer's instruction manual.

When you get an error message on the camera...

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 memory and cannot store any new data.	Insert a card or erase unwanted data. Before erasing, back up the data of important pictures onto the card, or download such pictures to a computer.
 CARD FULL	The card has no available memory and cannot store any new data.	Replace the card or erase unwanted data. Before erasing, download important pictures to a computer.
 NO PICTURE	There are no pictures in the internal memory or on the card.	The internal memory or the card contains 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.
 THE IMAGE CANNOT BE EDITED	Pictures taken by other cameras, or previously edited or corrected pictures cannot be edited or fixed.	Use image processing software to edit the pictures.
 CARD-COVER OPEN	The battery compartment/ card cover is open.	Close the battery compartment/card cover.
 BATTERY EMPTY	The battery is empty.	Charge the battery.
	This card cannot be used in this camera, or, the card is not formatted.	Format the card or replace. <ul style="list-style-type: none"> • Select [POWER OFF] and press . • Insert a new card. • Select [FORMAT] ► [YES] and press . All data on the card is erased.
	There is an error in the internal memory.	Select [MEMORY FORMAT] ► [YES] and press  . All data in the internal memory is erased.
 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.

Monitor indication	Possible cause	Corrective action
 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 tray has been removed or the printer has been operated while changing settings on the camera.	Do not operate the printer while changing settings on the camera.
 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.
 CANNOT PRINT	Pictures recorded on other cameras may not be printed on this camera.	Use a computer to print.

Functions available in shooting modes and scene modes

Some functions cannot be set in certain shooting modes. For more details, refer to the table below.

() indicates a restriction to the respective function of each scene mode.

☞ “Functions with restrictions in scene modes” (P. 62)

Functions available in shooting modes

Function	Shooting mode		SCN	☞
	P	AUTO		
	✓	✓	✓	✓
Flash	✓	✓		—
	✓	✓		✓
	✓	✓		✓
Optical zoom	✓	✓		✓
(still pictures)	✓	✓	✓	—
(movies)	—	—	—	✓
Information display	✓	✓	✓	—
WB	✓	—	✓	✓
ISO	✓	—	—	—
DRIVE	✓	—	—	—
ESP/	✓	—		✓
IMAGE QUALITY	✓	✓		✓
SILENT MODE	✓	✓	✓	✓
FINE ZOOM	✓	—		—
DIGITAL ZOOM	✓	—		✓
AF MODE	✓	—		—
	✓	—		—
PANORAMA	✓	—		—

Functions with restrictions in scene modes

Function \ SCN											
Flash	✓	✓	—	✓	—	—	—	—	—	—	✓ ^{*4}
	✓	✓ ^{*1}	✓	✓ ^{*1}	✓ ^{*1}	—	✓	—	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
Optical zoom	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓
ESP/	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓
IMAGE QUALITY	✓	✓	✓ ^{*2}	✓	✓	✓	✓	✓	^{*3} —	✓ ^{*2}	✓
FINE ZOOM	✓	✓	—	—	✓	✓	✓	✓	—	—	✓
DIGITAL ZOOM	✓	✓	—	—	✓	✓	✓	✓	✓	—	✓
AF MODE	✓	✓	✓	—	✓	—	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
PANORAMA	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—

*1 [] is not available.

*2 Only the picture quality below [2048 x 1536] is available.

*3 The picture quality is fixed to [640 x 480].

*4 Excluding [].

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.

Battery/Charger:

- Wipe gently with a soft, dry 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.

Battery and charger

- This camera uses one Olympus lithium ion battery (LI-12B or LI-10B). No other type of batteries can be used.
- Power consumption by the camera varies depending on which functions are used.
- During the conditions described below, power is consumed continuously and the battery becomes exhausted quickly.
 - The zoom is used repeatedly.
 - The shutter button is pressed halfway repeatedly in shooting mode, activating the auto focus.
 - A picture is displayed on the monitor for an extended period of time.
 - The camera is connected to a computer or a printer.
- Using an exhausted battery may cause the camera to turn off without displaying the battery level warning.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with the LI-10C charger before use.
- The provided rechargeable battery usually takes approximately 2 hours to charge.
- This camera uses a charger specified by Olympus. Do not use any other type of charger.
- The charger can be used within the range of AC 100 V to AC 240 V (50/60 Hz). When using the charger abroad, you may need a plug adapter to convert the plug to the shape of the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your charger.

Useful use of the accessories

The card

Pictures can be recorded on the optional card.

The internal memory and card are the camera's media for recording pictures, similar to film in a film camera.

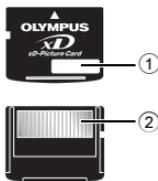
Pictures recorded to the internal memory or card can be easily erased on the camera or processed using a computer.
 Unlike portable storage media, the internal memory cannot be removed or exchanged.
 The number of recordable pictures can be increased by using a card with a larger capacity.

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.

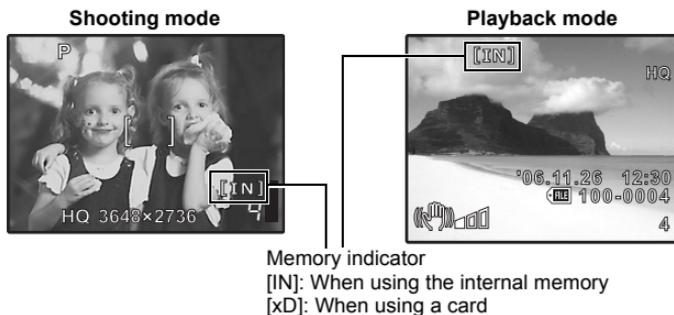


Compatible cards

xD-Picture Card (16MB - 1GB)

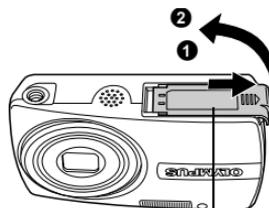
Using the internal memory or card

You can confirm on the monitor whether the internal memory or card is being used during shooting and playback operations.



Inserting and removing the card

- 1 Turn off the camera.
- 2 Open the battery compartment/card cover.

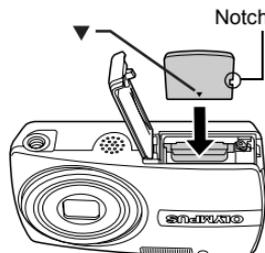


Battery compartment/card cover

Inserting the card

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

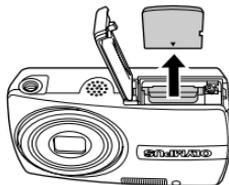
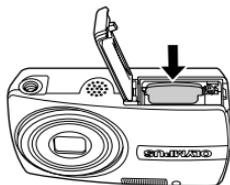
- Insert the card straight in.
- Insert the card until it clicks into place.



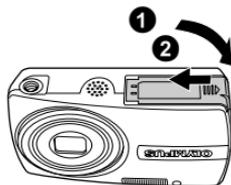
Removing the card

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

- The card protrudes slightly and stops.
- Grasp the card and remove.



4 Close the battery compartment/card cover.



! Note

- The card access lamp blinks while the camera is reading the images. Reading of images may take some time. Do not open the battery compartment/card cover while the card access lamp is blinking. Doing so may damage the data in the internal memory or the card and render the internal memory or card unusable.

AC adapter

An AC adapter is useful for time-consuming tasks such as image downloads to a computer or when running a slideshow for a long period of time. To use an AC adapter for this camera, the multi-adapter (CB-MA1/accessory) is required. Do not use any other AC adapter with this camera.

! Note

- Do not remove or load the battery or connect or disconnect the AC adapter or the multi-adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- The AC adapter can be used within the range of AC 100 V to AC 240 V (50/60 Hz).
- When using abroad, you may need a plug adapter to convert the plug to match the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your AC adapter.
- The camera is not water resistant during AC adapter use.
- Be sure to read the instruction manual for the AC adapter.

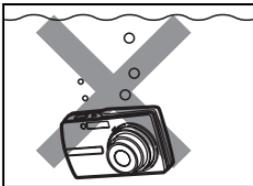
SAFETY PRECAUTIONS

Weatherproof feature

This camera is weatherproof, but it cannot be used underwater. Olympus will not assume any responsibility for malfunction of the camera caused by water getting inside as a result of misuse by the user. The camera is weatherproof and is not damaged by water spray from any direction. Observe the following precautions when using the camera.



- Do not wash the camera with water.

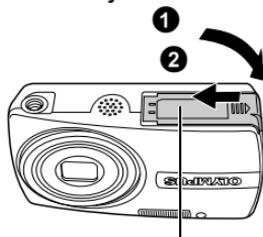


- Do not drop the camera into water.

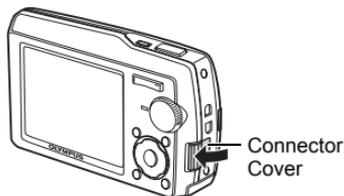


- Do not take pictures underwater.

Water may get inside the camera if the battery compartment/card cover or connector cover are not firmly closed.



Battery Compartment/Card Cover



- If the camera gets splashed, wipe the water off as soon as possible with a dry cloth.
- The rechargeable battery and other camera accessories are not weatherproof.



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED OLYMPUS SERVICE PERSONNEL.



An exclamation mark enclosed in a triangle alerts you to important operating and maintenance instructions in the documentation provided with the product.



DANGER

If the product is used without observing the information given under this symbol, serious injury or death may result.



WARNINGS

If the product is used without observing the information given under this symbol, injury or death may result.



CAUTION

If the product is used without observing the information given under this symbol, minor personal injury, damage to the equipment, or loss of valuable data may result.

WARNING!

TO AVOID THE RISK OF FIRE OR ELECTRICAL SHOCK, NEVER DISASSEMBLE, EXPOSE THIS PRODUCT TO WATER OR OPERATE IN A HIGH HUMIDITY ENVIRONMENT.

General Precautions

Read All Instructions — Before you use the product, read all operating instructions. Save all manuals and documentation for future reference.

Cleaning — Always unplug this product from the wall outlet before cleaning. Use only a damp cloth for cleaning. Never use any type of liquid or aerosol cleaner, or any type of organic solvent to clean this product.

Attachments — For your safety, and to avoid damaging the product, use only accessories recommended by Olympus.

Water and Moisture — For precautions on products with weatherproof designs, read the weatherproofing sections.

Location — To avoid damage to the product, mount the product securely on a stable tripod, stand, or bracket.

Power Source — Connect this product only to the power source described on the product label.

Lightning — If a lightning storm occurs while using an AC adapter, remove it from the wall outlet immediately.

Foreign Objects — To avoid personal injury, never insert a metal object into the product.

Heat — Never use or store this product near any heat source such as a radiator, heat register, stove, or any type of equipment or appliance that generates heat, including stereo amplifiers.

Handling the Camera



WARNING

- Do not use the camera near flammable or explosive gases.
- Do not use the flash on people (infants, small children, etc.) at close range.
 - You must be at least 1 m (3 ft.) away from the faces of your subjects. Firing the flash too close to the subject's eyes could cause a momentary loss of vision.
- Keep young children and infants away from the camera.
 - Always use and store the camera out of the reach of young children and infants to prevent the following dangerous situations which could cause serious injury:
 - Becoming entangled in the camera strap, causing strangulation.
 - Accidentally swallowing the battery, cards or other small parts.
 - Accidentally firing the flash into their own eyes or those of another child.
 - Accidentally being injured by the moving parts of the camera.
- Do not look at the sun or strong lights with the camera.
- Do not use or store the camera in dusty or humid places.
- Do not cover the flash with a hand while firing.



CAUTION

- Stop using the camera immediately if you notice any unusual odors, noise, or smoke around it.
 - Never remove the batteries with bare hands, which may cause a fire or burn your hands.
- Never hold or operate the camera with wet hands.
- Do not leave the camera in places where it may be subject to extremely high temperatures.
 - Doing so may cause parts to deteriorate and, in some circumstances, cause the camera to catch fire. Do not use the charger or AC adapter if it is covered (such as a blanket). This could cause overheating, resulting in fire.
- Handle the camera with care to avoid getting a low-temperature burn.
 - When the camera contains metal parts, overheating can result in a low-temperature burn. Pay attention to the following:
 - When used for a long period, the camera will get hot. If you hold on to the camera in this state, a low-temperature burn may be caused.
 - In places subject to extremely cold temperatures, the temperature of the camera's body may be lower than the environmental temperature. If possible, wear gloves when handling the camera in cold temperatures.
- Be careful with the strap.
 - Be careful with the strap when you carry the camera. It could easily catch on stray objects - and cause serious damage.

Battery Handling Precautions

Follow these important guidelines to prevent batteries from leaking, overheating, burning, exploding, or causing electrical shocks or burns.

DANGER

- The camera uses a lithium ion battery specified by Olympus. Charge the battery with the specified charger. Do not use any other chargers.
- Never heat or incinerate batteries.
- Take precautions when carrying or storing batteries to prevent them from coming into contact with any metal objects such as jewelry, pins, fasteners, etc.
- Never store batteries where they will be exposed to direct sunlight, or subjected to high temperatures in a hot vehicle, near a heat source, etc.
- To prevent causing battery leaks or damaging their terminals, carefully follow all instructions regarding the use of batteries. Never attempt to disassemble a battery or modify it in any way, by soldering, etc.
- If battery fluid gets into your eyes, flush your eyes immediately with clear, cold running water and seek medical attention immediately.
- Always store batteries out of the reach of small children. If a child accidentally swallows a battery, seek medical attention immediately.

WARNING

- Keep batteries dry at all times.
- To prevent batteries from leaking, overheating, or causing a fire or explosion, use only batteries recommended for use with this product.
- Insert the battery carefully as described in the operating instructions.
- If rechargeable batteries have not been recharged within the specified time, stop charging them and do not use them.
- Do not use a battery if it is cracked or broken.
- If a battery leaks, becomes discolored or deformed, or becomes abnormal in any other way during operation, stop using the camera.
- If a battery leaks fluid onto your clothing or skin, remove the clothing and flush the affected area with clean, running cold water immediately. If the fluid burns your skin, seek medical attention immediately.
- Never subject batteries to strong shocks or continuous vibration.

CAUTION

- Before loading, always inspect the battery carefully for leaks, discoloration, warping, or any other abnormality.
- The battery may become hot during prolonged use. To avoid minor burns, do not remove it immediately after using the camera.
- Always unload the battery from the camera before storing the camera for a long period.

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

- This camera uses a lithium ion battery specified by Olympus. Do not use any other type of battery. For safe and proper use, read the battery's instruction manual carefully before using it.
- If the battery's terminals get wet or greasy, camera contact failure may result. Wipe the battery well with a dry cloth before use.
- Always charge a battery when using it for the first time, or if it 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 battery as warm as possible. A battery that has run down at low temperatures may be restored after it is warmed at room temperature.
- 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 extra batteries. A recommended battery may be difficult to obtain while traveling.
- Please recycle batteries to help save our planet's resources. When you throw away dead batteries, be sure to cover their terminals and always observe local laws and regulations.

LCD Monitor

- Do not push the monitor forcibly; otherwise the image may become vague, resulting in a playback 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 monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. A 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 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.

Legal and Other Notices

- Olympus makes no representations or warranties regarding any damages, or benefit expected by using this unit lawfully, or any request from a third person, which are caused by the inappropriate use of this product.
- Olympus makes no representations or warranties regarding any damages or any benefit expected by using this unit lawfully which are caused by erasing picture data.

Disclaimer of Warranty

- Olympus makes no representations or warranties, either expressed or implied, by or concerning any content of these written materials or software, and in no event shall be liable for any implied warranty of merchantability or fitness for any particular purpose or for any consequential, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) arising from the use or inability to use these written materials or software or equipment. Some countries do not allow the exclusion or limitation of liability for consequential or incidental damages, so the above limitations may not apply to you.
- Olympus reserves all rights to this manual.

Warning

Unauthorized photographing or use of copyrighted material may violate applicable copyright laws. Olympus assumes no responsibility for unauthorized photographing, use or other acts that infringe upon the rights of copyright owners.

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FCC Notice

• Radio and Television Interference

Changes 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.

For customers in North and South America

For customers in USA

Declaration of Conformity

Model Number : Stylus 1000/ μ 1000

Trade Name : OLYMPUS

Responsible Party : OLYMPUS IMAGING AMERICA INC.

Address : 3500 Corporate Parkway, P.O. Box 610, Center Valley,
PA 18034-0610, U.S.A.

Telephone Number: 484-896-5000

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

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

For customers in Europe



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



This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the EU countries. Please do not throw the equipment into the domestic refuse. Please use the return and collection systems available in your country for the disposal of this product.

Use Only Dedicated Rechargeable Battery and Battery Charger

We strongly recommend that you use only the genuine Olympus dedicated rechargeable battery and battery charger with this camera.

Using a non-genuine rechargeable battery and/or battery charger may result in fire or personal injury due to leakage, heating, ignition or damage to the battery. Olympus does not assume any liability for accidents or damage that may result from the use of a battery and/or battery charger that are not genuine Olympus accessories.

Provisions of warranty

1. If this product proves to be defective, although it has been used properly (in accordance with the written Handling Care and Operating instructions supplied with it), during a period of two years from the date of purchase from an authorized Olympus distributor within the business area of Olympus Imaging Europa GmbH as stipulated on the website: <http://www.olympus.com> this product will be repaired, or at Olympus's option replaced, free of charge. To claim under this warranty the customer must take the product and this Warranty Certificate before the end of the two year warranty period to the dealer where the product was purchased or any other Olympus service station within the business area of Olympus Imaging Europa GmbH as stipulated on the website: <http://www.olympus.com>. During the one year period of the World Wide Warranty the customer may turn the product in at any Olympus service station. Please notice that not in all countries such Olympus service station exists.
2. The customer shall transport the product to the dealer or Olympus authorized service station at his own risk and shall be responsible for any costs incurred in transporting the product.
3. This warranty does not cover the following and the customer will be required to pay repair charge, even for defects occurring within the warranty period referred to above.
 - (a) Any defect that occurs due to mishandling (such as an operation performed that is not mentioned in the Handling Care or other sections of the instructions, etc.)
 - (b) Any defect that occurs due to repair, modification, cleaning, etc. performed by anyone other than Olympus or an Olympus authorized service station.
 - (c) Any defect or damage that occurs due to transport, a fall, shock, etc. after purchase of the product.
 - (d) Any defect or damage that occurs due to fire, earthquake, flood damage, thunderbolt, other natural disasters, environmental pollution and irregular voltage sources.
 - (e) Any defect that occurs due to careless or improper storage (such as keeping the product under conditions of high temperature and humidity, near insect repellents such as naphthalene or harmful drugs, etc.), improper maintenance, etc.

- (f) Any defect that occurs due to exhausted batteries, etc.
 - (g) Any defect that occurs due to sand, mud, etc. entering the inside of the product casing.
 - (h) When this Warranty Certificate is not returned with the product.
 - (i) When any alterations whatsoever are made to the Warranty Certificate regarding the year, month and date of purchase, the customer's name, the dealer's name, and the serial number.
 - (j) When proof of purchase is not presented with this Warranty Certificate.
4. This Warranty applies to the product only; the Warranty does not apply to any other accessory equipment, such as the case, strap, lens cap and batteries.
 5. Olympus's sole liability under this warranty shall be limited to repairing or replacing the product. Any liability for indirect or consequential loss or damage of any kind incurred or suffered by the customer due to a defect of the product, and in particular any loss or damage caused to any lenses, films, other equipment or accessories used with the product or for any loss resulting from a delay in repair or loss of data, is excluded. Compelling regulations by law remain unaffected by this.

Notes regarding warranty maintenance

1. This warranty will only be valid if the Warranty Certificate is duly completed by Olympus or an authorized dealer or other documents contain sufficient proof. Therefore, please make sure that your name, the name of the dealer, the serial number and the year, month and date of purchase are all completed or the original invoice or the sales receipt (indicating the dealer's name, the date of purchase and product type) is attached to this Warranty Certificate. Olympus reserves the right to refuse free-of-charge service if neither Warranty Certificate is completed nor the above document is attached or if the information contained in it is incomplete or illegible.
 2. Since this Warranty Certificate will not be re-issued, keep it in a safe place.
- * Please refer to the list on the web site: <http://www.olympus.com> for the authorized international Olympus service network.

Trademarks

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

SPECIFICATIONS

● Camera

Product type	: Digital camera (for shooting and displaying)
Recording system	: Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF))
Still pictures	: Exif 2.2, Digital Print Order Format (DPOF), PRINT Image Matching III, PictBridge
Applicable standards	: Exif 2.2, Digital Print Order Format (DPOF), PRINT Image Matching III, PictBridge
Sound with still pictures	: Wave format
Movie	: QuickTime Motion JPEG
Memory	: Internal memory xD-Picture Card (16 MB to 1GB)
No. of effective pixels	: 10,000,000 pixels
Image pickup device	: 1/1.8" CCD (primary color filter), 10,370,000 pixels (gross)
Lens	: Olympus lens 7.4 to 22.2 mm, f2.8 to 4.7 (equivalent to 35 to 105 mm on a 35 mm camera)
Photometric system	: Digital ESP metering, spot metering system
Shutter speed	: 4 to 1/1000 sec.
Shooting range	: 0.6 m (1.9 ft.) to ∞ (W/T) (normal) 0.3 m (0.9 ft.) to ∞ (W), 0.5 m (1.6 ft.) to ∞ (T) (macro mode) 0.1 m (3.9 in.) to 0.6 m (23.6 in.) (W only) (super macro mode)
Monitor	: 2.5" TFT color LCD display, 230,000 pixels
Flash charge time	: Approx. 5 sec. (for full flash discharge at room temperature using a new fully charged battery)
Outer connector	: DC-IN jack, USB connector, A/V OUT jack (multi-connector)
Automatic calendar system	: 2000 up to 2099
Water resistance	
Type	: Equivalent to IEC Standard publication 529 IPX4 (under OLYMPUS test conditions)
Meaning	: Camera is not damaged by water spray from any direction.
Operating environment	
Temperature	: 0°C to 40°C (32°F to 104°F) (operation)/ -20°C to 60°C (-4°F to 140°F) (storage)
Humidity	: 30% to 90% (operation)/10% to 90% (storage)
Power supply	: One Olympus lithium ion battery (LI-12B/LI-10B) or Olympus AC adapter
Dimensions	: 97 mm (W) × 56 mm (H) × 22.7 mm (D)* (3.8 × 2.2 × 0.8 in.*) * Lens part (excluding protrusions)
Weight	: 140 g (4.9 oz) without battery and card

● Lithium ion battery (LI-12B)

Product type	: Lithium ion rechargeable battery
Standard voltage	: DC 3.7 V
Standard capacity	: 1230 mAh
Battery life	: Approx. 300 full recharges (varies on usage)
Operating environment	
Temperature	: 0°C to 40°C (32°F to 104°F) (charging)/ -10°C to 60°C (14°F to 140°F) (operation)/ 0°C to 30°C (32°F to 86°F) (storage)
Dimensions	: 32 × 46 × 10 mm (1.3 × 1.8 × 0.4 in.)
Weight	: Approx. 30 g (1 oz)

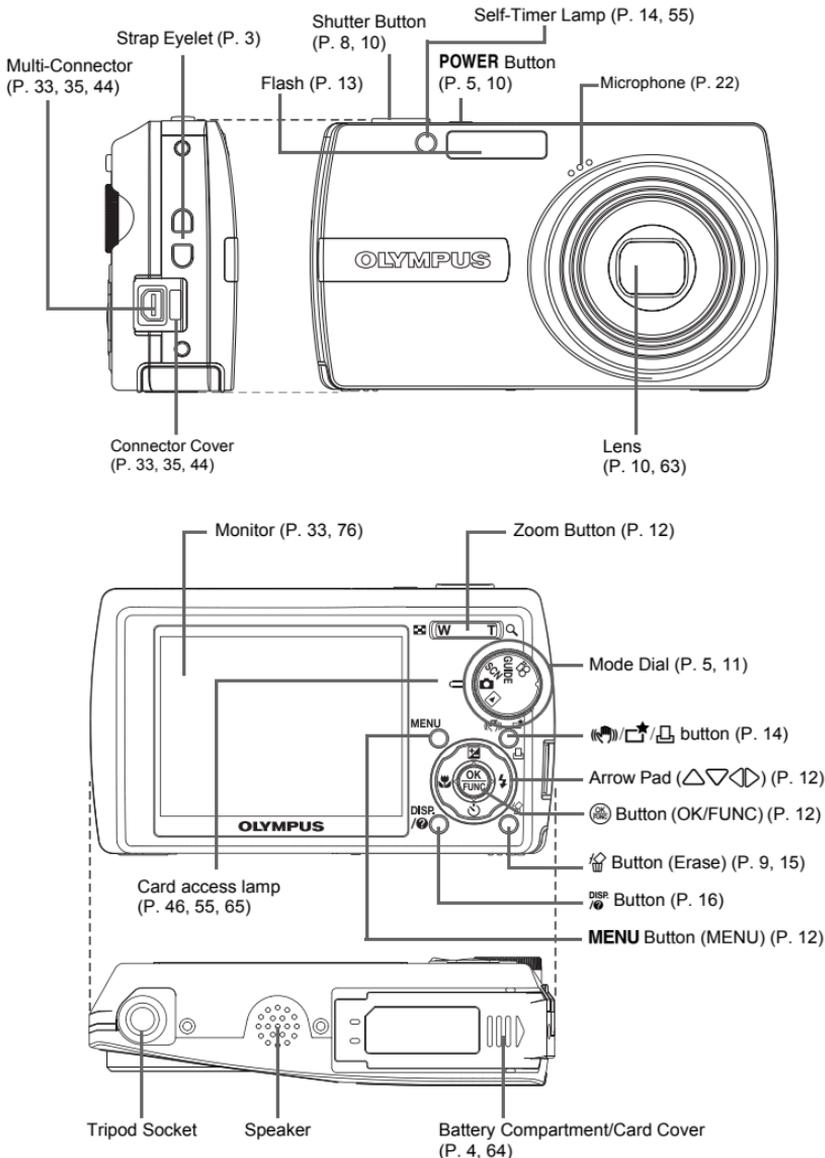
● Battery charger (LI-10C)

Power requirements	: AC 100 to 240 V (50 to 60 Hz) 11 VA (100 V) to 17 VA (240 V)
Output	: DC 4.2 V, 860 mA
Charging time	: Approx. 120 min.
Operating environment	
Temperature	: 0°C to 40°C (32°F to 104°F) (operation)/ -20°C to 60°C (-4°F to 140°F) (storage)
Dimensions	: 46 × 36.5 × 85 mm (1.8 × 1.4 × 3.3 in.)
Weight	: Approx. 70 g (2.3 oz)

Design and specifications subject to change without notice.

CAMERA DIAGRAM

Camera

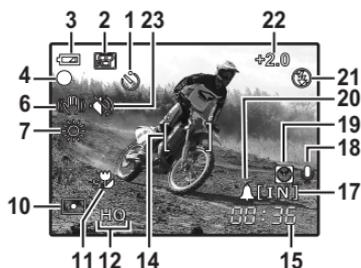


Monitor Symbols & Icons

● Monitor – Shooting Mode



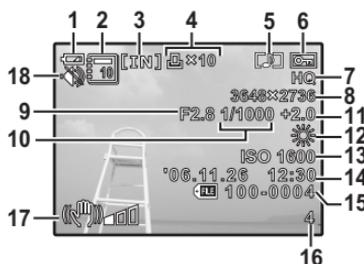
Still picture



Movie

	Items	Indications	Ref. Page
1	Self-timer		P. 14
2	Shooting modes	AUTO, P, etc.	P. 11, 12, 20
3	Battery check	= full power, = low power	P. 59
4	Green lamp	○ = Auto Focus Lock	P. 8, 10, 55
5	Flash standby Camera movement warning/ Flash charge	(Lit) (Blinks)	P. 50
6	Digital image stabilization mode		P. 14
7	White balance		P. 20
8	ISO	ISO 100, ISO 400, ISO 1600, etc.	P. 21
9	Drive		P. 21
10	Spot metering		P. 21
11	Macro mode Super macro mode		P. 13
12	Image quality	SHQ, HQ, SQ1, SQ2, SQ, 16:9	P. 19
13	Image size	3648 × 2736, 2560 × 1920, 640 × 480, etc.	P. 19
14	AF target mark	[]	P. 8, 22
15	Number of storable still pictures Remaining recording time	4 00:36	P. 54
16	Memory gauge	(maximum reached)	P. 50
17	Current memory	[IN] (Recording pictures to the internal memory), [xD] (Recording pictures to the card)	P. 64
18	Sound record		P. 22
19	Dual time		P. 34
20	Alarm		P. 34
21	Flash mode		P. 13
22	Exposure compensation	-2.0 – +2.0	P. 14
23	Silent mode		P. 22

● Monitor – Playback mode



Still picture



Movie

	Items	Indications	Ref. Page
1	Battery check	= full power, = low power	P. 59
2	Album		P. 24, 29
3	Current memory	[IN] (Playing back the picture in the internal memory), [xD] (Playing back pictures in the card)	P. 64
4	Print reservation/Number of prints Movie	x10 	P. 39 P. 23
5	Sound record		P. 28
6	Protect		P. 27
7	Image quality	SHQ, HQ, SQ1, SQ2, SQ, 16:9	P. 19
8	Image size	3648 × 2736, 2560 × 1920, 640 × 480, etc.	P. 19
9	Aperture value	F2.8, F4.7, etc.	P. 16
10	Shutter speed	4 to 1/1000	P. 16
11	Exposure compensation	-2.0 – +2.0	P. 14
12	White balance	WB AUTO, , , ,	P. 20
13	ISO	ISO 100, ISO 400, ISO 1600, etc.	P. 21
14	Date and time	'06.11.26 12:30	P. 6, 33
15	File number	100-0004	P. 32
16	Frame number Playing time/Total recording time	4 00:00/00:36	P. 24
17	Camera movement indication		P. 57
18	Silent mode		P. 22

Index

Red-eye reduction flash	13
Fill-in flash	13
Flash off	13
Super macro mode	13
Macro mode	13
button (DISP/?)	16, 75
button (exposure compensation)	14
button (self-timer)	14
button (flash mode)	10, 13
button (macro)	13
button (OK/FUNC)	12, 75
button (erase)	15, 75
button	14, 75
A	
AC adapter	65
AF MODE	22
ALARM CLOCK	34
ALBUM	24
ALBUM ENTRY	28
Album playback	24
Album playback menus	29
ALL ERASE	29
ALL INDEX	37
ALL PRINT	37
All-frame reservation	40
Arrow pad ()	12, 75
AUTO (Auto-flash)	13
AUTO (Full auto mode)	12
AUTO (ISO)	21
AUTO (WB) WB AUTO	20
Auto focus	51
AV cable	3, 33
B	
BACKUP	31
Battery	4, 63, 64
Battery Charger	3, 4, 63
Battery compartment/card cover	4, 64, 75
BEEP	31
BGM	23
BLACK & WHITE	25
BRIGHTNESS	26
C	
CALENDAR	25
Calendar display	13, 24
CAMERA MENU	18, 20
Camera movement indication	57
Card	22, 30, 63, 64
Card access lamp	46, 55, 65, 75
CCD	32
Close-up playback	13
Cloudy day	20
COLOR	31
Compression	19
Connector cover	33, 35, 44, 75
CUSTOM PRINT	36

D	
Date and time	6, 33
DIGITAL ZOOM	21
Direct printing	35
DPOF	38
DRIVE	21
DUALTIME	34
E	
EASY PRINT	35
EDIT	24, 27
Editing images	14
Erase	9, 15, 29
Error message	59
ESP	21
ESP/	21
EV	14
Exposure compensation	14, 77
Eyelet	75
F	
FILE NAME	32, 33, 38
File number	77
FINE ZOOM	21
Flash	13, 75
Flash charge	50, 76
Flash mode	10, 13
Fluorescent lamp 1/2/3	20
Focus	8, 10, 11, 51, 55
FORMAT	31
FRAME	25
FRAME ASSIST	16
Frame number	77
Function menu	12
G	
GUIDE (Shooting guide)	5, 11
H	
High speed sequential shooting	21
Histogram display	16, 56
HQ	19
I	
iESP	22
IMAGE QUALITY	19
Image size	19
INDEX	26
Index display	13
Information displays	16
Internal memory	31, 64
ISO	21
L	
Label	25
LABEL IMAGE	30
LAYOUT	26
Lens	10, 63, 75
Lithium ion battery	3, 4, 63
M	
Macro mode	10

Memory gauge	50, 76
Menu	17
Menu guide	16
MENU button (MENU)	12, 17, 75
Microphone	22, 28, 75
Mode dial	11, 75
Monitor	75, 76
Monitor brightness adjustment 	33
MOVIE PLAY	23
MULTI PRINT	37
Multi-connector	33, 35, 44, 75
N	
NTSC	33
Number of storable still pictures	54
O	
OLYMPUS Master	3, 41
Operation guide	17, 36, 39
Optical zoom	12, 21
P	
P (Program auto)	12
P/AUTO	12
PAL	33
PANORAMA	22
PC	44
PictBridge	35
Picture rotation 	27
PIXEL MAPPING	32
PLAYBACK MENU	23
Playback mode 	10, 11, 13, 16, 23, 30
Playback on a TV	33
Playing time/Total recording time	24, 77
POWER button	5, 10, 75
Press completely	8
Press halfway	8, 10
PRINT ORDER 	27, 37
Print settings 	38
Printing pictures	35
Program auto	12
Protect 	27
PW ON SETUP	31
R	
REC VIEW	32
Recording movie	11
Recording sound	28
Recording sound with still pictures 	22
Remaining length	54
Remaining recording time	11
RESET	19
Resizing 	24
S	
SATURATION	26
SCN (Scene)	5, 11, 20
SCREEN SETUP	31
SEL. ALBUM	29
SEL. IMAGE	28, 29, 30
Selecting a language 	31
Self-timer lamp	10, 55, 75
Self-timer 	14
SEPIA	25
SET ALL	28

SET CALENDAR	28
SETUP	30
SHOOT & SELECT 1/2  	20
Shooting mode	10, 12, 16, 18, 30
Shooting movies 	11
Shooting still pictures 	5, 10, 11
SHQ	19
Shutter button	8, 10, 75
SHUTTER SOUND	32
Single-frame erase 	15
Single-frame reservation 	39
Single-frame shooting 	21
Sleep mode	50
SLIDESHOW 	23
Speaker	75
SPOT (AF MODE)	22
Spot metering 	21
SQ	19
SQ1	19
SQ2	19
STANDARD	35
Strap	3, 75
Sunny day 	20
Super macro mode	10
T	
Top menu	17
Trimming 	25, 38, 39
Tripod Socket	75
Tungsten light 	20
Turn the camera on	5
TYPE	23
U	
UNDO ALL	30
UNDO ENTRY (ALBUM ENTRY)	30
USB cable	3, 35, 41, 44, 46
USB driver	42, 48
V	
VIDEO OUT	33
VOLUME	32
W	
Warning sound 	31
White balance WB	20
X	
xD-Picture Card	22, 64
Z	
Zoom	12, 21
Zoom button	12, 21, 75

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