

**OLYMPUS**

**CAMEDIA**

**DIGITAL CAMERA  
APPAREIL PHOTO NUMÉRIQUE  
DIGITALKAMERA  
CÂMERA DIGITAL**

**C-5050ZOOM**

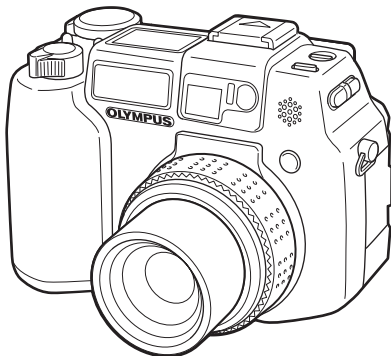
**BASIC MANUAL  
MANUEL DE BASE  
EINFACHE ANLEITUNG  
MANUAL BÁSICO**

**ENGLISH**

**FRANÇAIS**

**DEUTSCH**

**ESPAÑOL**



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**En**

*These instructions are only for quick reference. For more details on the functions described here, refer to the "Reference Manual" on CD-ROM.*

- Before using your camera, read this manual carefully to ensure correct use.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- These instructions are only a basic manual. For more details on the functions described here, refer to the Reference Manual on the CD-ROM. For connection to the PC or installation of provided software, refer to the Software Installation Guide included in the CD-ROM package.

## For customers in North and South America

### For customers in USA

Declaration of Conformity

Model Number : C-5050ZOOM  
Trade Name : OLYMPUS  
Responsible Party : Olympus America Inc.  
Address : 2 Corporate Center Drive, Melville, New York  
11747-3157 U.S.A.  
Telephone Number : 1-631-844-5000

Tested To Comply With FCC Standards  
FOR HOME OR OFFICE USE

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

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

### For customers in Canada

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

En

## For customers in Europe



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

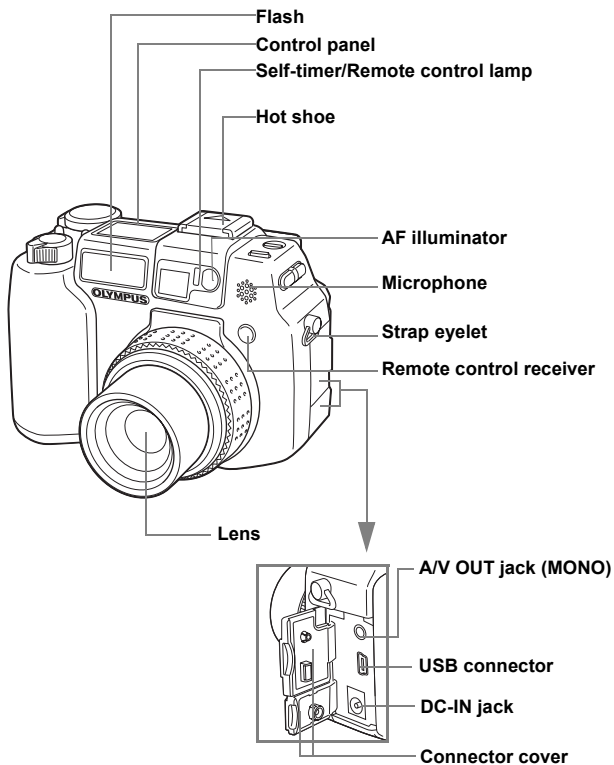
## Trademarks

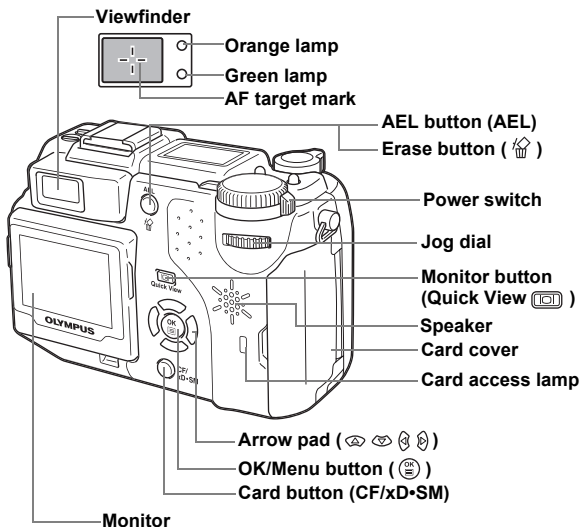
- IBM is a registered trademark of International Business Machines Corporation.
- Microsoft and Windows are registered trademarks of Microsoft Corporation.
- Macintosh is a trademark of Apple Computer Inc.
- All other company and product names are registered trademarks and/or trademarks of their respective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

# GETTING STARTED

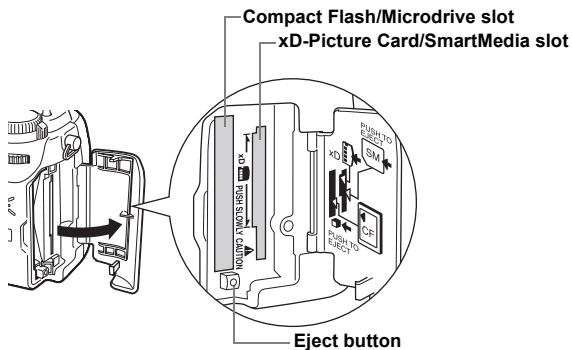
## NAMES OF PARTS

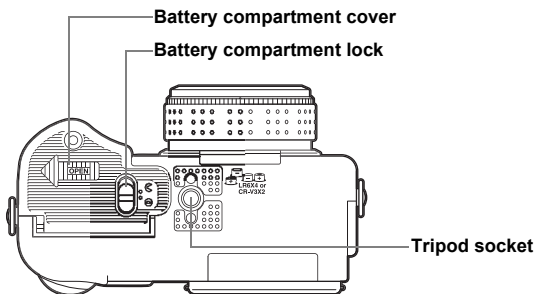
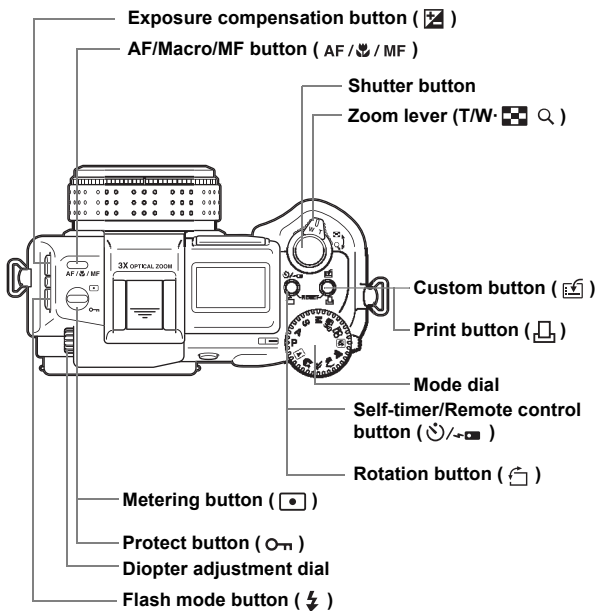
En



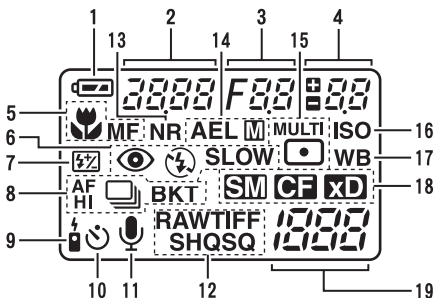


En



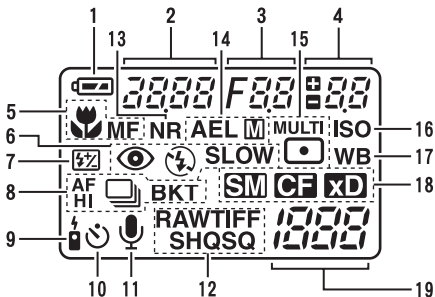


## CONTROL PANEL INDICATIONS



Items	Indications
1 Battery check	
2 Shutter speed	2000 (1/2000 sec.), 2.5"
3 Aperture value	F1.8
4 Exposure compensation Flash intensity control	+2.0, +1.0, 0.0, -1.0, -2.0
5 Macro mode Manual focus Super macro mode Super macro MF mode	(Lights) MF (Lights) (Blinks) MF (Blinks)
6 Flash mode	,  ,  ,  SLOW,  SLOW
7 Flash intensity control	
8 Sequential shooting mode	HI  ,  , AF  , BKT
9 Remote control	
10 Self-timer	
11 Sound record	
12 Record mode	RAW, TIFF, SHQ, HQ, SQ (SQ1, SQ2)
13 Noise reduction	NR
14 AE lock AE memory	AEL AEL
15 Metering	, MULTI

En



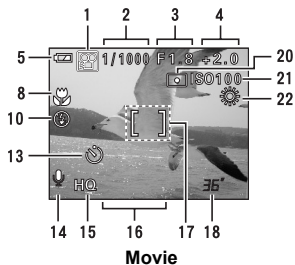
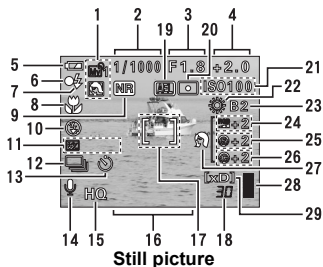
	Items	Indications
16	ISO	ISO
17	White balance	WB
18	Selected card	<b>XD</b> , <b>SM</b> , <b>CF</b>
19	Number of storable still pictures/Seconds remaining Error code	30 -E-

































En



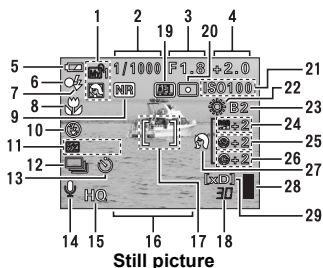
# MONITOR INDICATIONS

## Shooting mode

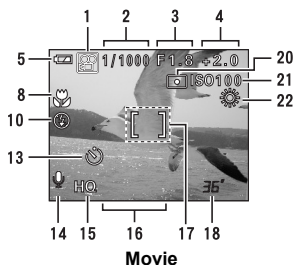


Items	Indications
1 Shooting mode	<b>P</b> , <b>A</b> , <b>S</b> , <b>M</b> ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  ,  , 
2 Shutter speed	16 – 1/2000
3 Aperture value	F1.8 – F8.0
4 Exposure compensation Exposure differential	-2.0 – +2.0 -3.0 – +3.0
5 Battery check	 , 
6 Green lamp	
7 Flash stand-by/Camera movement warning Flash charge	 (Lights)  (Blinks)
8 Macro mode Super macro mode Manual focus	  <b>MF</b>
9 Noise reduction	<b>NR</b>
10 Flash mode	 ,  ,  SLOW 1,  SLOW 2,  SLOW
11 Flash intensity control	 -2.0 – +2.0
12 Drive	 , <b>HI</b>  ,  , <b>AF</b>  , <b>BKT</b>
13 Self-timer Remote control	 

En



Still picture

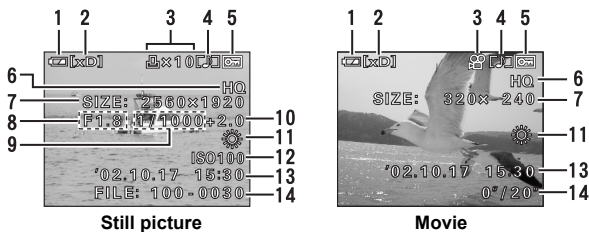


Movie

	Items	Indications
14	Sound record	
15	Record mode	RAW, TIFF, SHQ, HQ, SQ1, SQ2
16	Resolution	2560 × 1920, 2560 × 1696, 1280 × 960, 640 × 480, 320 × 240
17	AF target mark	[ ]
18	Number of storable still pictures Seconds remaining	30 36"
19	AE lock AE memory	 
20	Spot metering	
21	ISO	ISO64, ISO100, ISO200, ISO400
22	White balance	 AWB, CWB
23	White balance compensation	B1 – B7, R1 – R7
24	Saturation	-5 – +5
25	Sharpness	-5 – +5
26	Contrast	-5 – +5
27	Scene preset	
28	Memory gauge	
29	Selected card	[xD], [SM], [CF]

## Playback mode

Screens with the information display set to ON are shown below.

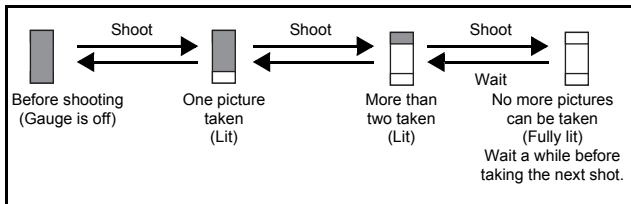


	Items	Indications
1	Battery check	
2	Selected card	[xD], [SM], [CF]
3	Print reservation, no. of prints Movie	x 10 
4	Sound record	
5	Protect	
6	Record mode	RAW, TIFF, SHQ, HQ, SQ1, SQ2
7	Number of pixels	2560 × 1920, 2560 × 1696, 1280 × 960, 640 × 480, 320 × 240
8	Aperture value	F1.8 – F8.0
9	Shutter speed	16 – 1/2000
10	Exposure compensation	-2.0 – +2.0
11	White balance	WB AUTO, , , , , , , , , AWB, CWB
12	ISO	ISO64, ISO100, ISO200, ISO400
13	Date and time	'02.10.17 15:30
14	File number Playing time/total recording time	FILE : 100 – 0030 0" / 20"

En

## Memory gauge

The memory gauge lights up when you take a still picture. When the gauge is lit, the camera is saving a picture to the card. The memory gauge indication changes as shown below depending on the shooting status. The indication is not displayed during movie recording.



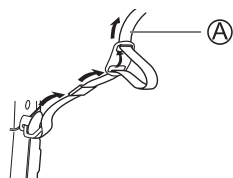
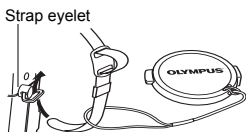
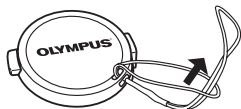
## En Battery check

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




Battery check	Control panel	Monitor	Status
	Lights	Lights (green) (Goes off after a while)	Remaining power level: high
	Blinks	Blinks (red)	Remaining power level: low Replace with new batteries.
No indication	The green lamp and orange lamp at the side of the viewfinder blink. (The control panel turns off automatically.)		Remaining power level: exhausted Replace with new batteries.

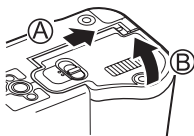
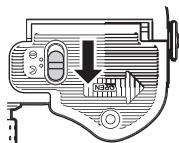
## ATTACHING THE STRAP AND LENS CAP

- 1 Pass the lens cap string through the hole in the lens cap.
- 2 Fasten the strap to the strap eyelet as shown in the diagram.
- 3 Adjust the strap to the desired length. Pull the strap through the stopper (A) and make sure it is fastened securely.
- 4 Attach the strap to the other eyelet in the same way.



## LOADING THE BATTERIES

- 1 Make sure the power switch is set to OFF.
- 2 Slide the battery compartment lock from  to .
- 3 Place your finger on the  mark and slide the battery compartment cover in the direction of (A), then lift in the direction of (B).
  - Use the ball of your finger to slide the cover. Do not use your fingernail as this could result in injury.

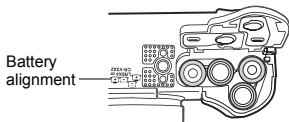


En

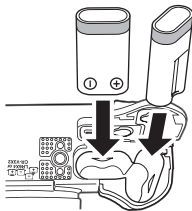
#### 4 Insert the batteries, making sure that they are correctly oriented as shown in the illustration.

When using AA (R6) batteries

When using CR-V3 lithium battery packs

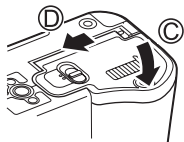


The correct way to insert the AA batteries is indicated on the bottom of the camera.



#### 5 Close the battery compartment cover, then press it down **C** and slide it in the direction shown **D**.

- Press the center of the cover, as it may be difficult to close properly by pressing the edge.
- Make sure the cover is closed securely.



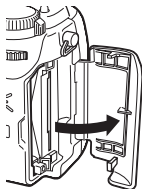
#### 6 Slide the battery compartment lock from **⊂** to **⊖**.

### ■ INSERTING A CARD

"Card" in this manual refers to the xD-Picture Card, SmartMedia, Compact Flash and Microdrive. The camera uses the card to record pictures.

#### 1 Make sure the power switch is set to OFF.

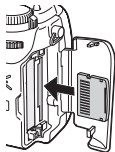
#### 2 Open the card cover.



### 3 Insert a card.

#### xD-Picture Card/SmartMedia

- Hold the card straight and insert it correctly into the xD-Picture Card/SmartMedia slot.
- An illustration showing the position for inserting the xD-Picture Card is next to the slot.



#### Compact Flash/Microdrive

- Hold the card straight and insert it as far as it will go into the Compact Flash/Microdrive slot.

### 4 Close the card cover securely until it clicks.

## Ejecting the card

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#### xD-Picture Card

- Push the card all the way in to unlock it, then let it return slowly. The card is ejected a short way and then stops. Hold the card straight and pull it out.

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#### Note

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

#### SmartMedia

- Push the card in, then release it. The card will be ejected a short way to enable you to pull it out.

#### Compact Flash/Microdrive

- Press the eject button gently and allow it to pop out, then press it again all the way in. The card will be ejected a short way to enable you to pull it out.

## Switching cards

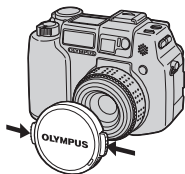
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Pictures are recorded on the card displayed on the control panel or monitor. Choose the card you want to record the picture on before taking the picture. The factory default setting is the card inserted in the xD-Picture Card/SmartMedia slot. If only one card is inserted, that card is automatically selected. Card selection can also be made in Playback mode.

## TURNING THE POWER ON/OFF

### When shooting pictures

- 1 Press the tabs on the lens cap as indicated by the arrows and remove the lens cap.

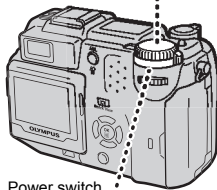


- 2 Turn the mode dial until the mode you want to use is aligned with the red line. Choose from P / A / S / M / My /  /  /  /  /  /  / .

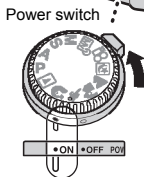


- 3 Turn the power switch so that ON is aligned with the white line.


- The camera turns on and the lens extends.



- 4 To turn the power off, turn the power switch so that OFF is aligned with the white line.

















### When playing back pictures

- 1 Turn the mode dial until  is aligned with the red line.
- 2 Turn the power switch so that ON is aligned with the white line.
  - The monitor turns on.
- 3 To turn the power off, turn the power switch so that OFF is aligned with the white line.
  - The monitor also turns off.


















## SELECTING A LANGUAGE


- 1 Set the mode dial to P and turn the camera on.**
  - Be sure to remove the lens cap before you turn the camera on.
  - You can select the language in all modes.
- 2 Press .**
  - The top menu is displayed.
- 3 Press  on the arrow pad to select MODE MENU.**
- 4 Press   to select the SETUP tab, then press .**
- 5 Press   to select  , then press .**
- 6 Press   to select a language, then press .**
- 7 Press  again to exit the menu.**
- 8 To turn the camera off, set the power switch to OFF.**

En

## SETTING THE DATE AND TIME


- 1 Set the mode dial to P and turn the camera on.**
  - Be sure to remove the lens cap before you turn the camera on.
  - You can set the date and time in all modes.
- 2 Press .**
  - The top menu is displayed.
- 3 Press  on the arrow pad to select MODE MENU.**
- 4 Press   to select the SETUP tab, then press .**
- 5 Press   to select , then press .**
  - The green frame moves to the selected item.
- 6 Press   to select one of the following date formats: Y-M-D (Year/Month/Day), M-D-Y (Month/Day/Year), D-M-Y (Day/Month/Year). Then press .**
  - Move to the year setting.
  - The following steps show the procedure used when the date and time settings are set to Y-M-D.

**7 Press   to set the year, then press  to move to the month setting.**

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

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

**9 Press .**

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

**10 To turn the camera off, set the power switch to OFF.**

---




Note

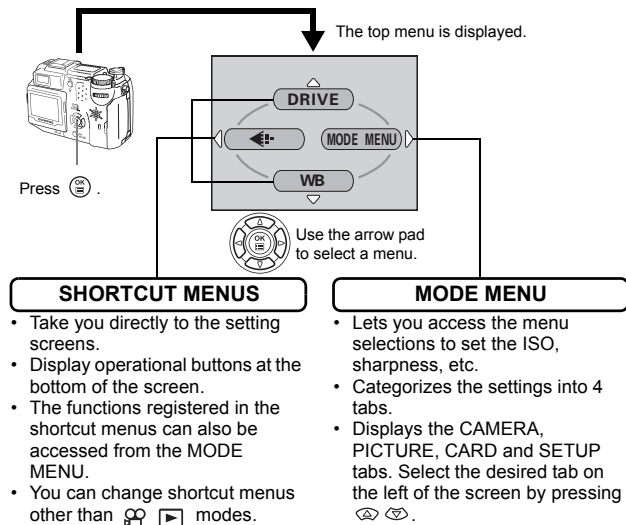
- The date and time settings will be canceled if the camera is left without batteries for approximately 1 hour.

En

# MENU FUNCTIONS













## USING THE MENUS AND TABS

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



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## How to use the menus

- 1 Press  to display the top menu. Press .
- 2 Press   to select a tab, then press .
- 3 Press   to select an item, then press .
- 4 Press   to select a setting. Press  to complete setting.  
Press  again to exit the menu and return to shooting status.





## Shortcut menus

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### Shooting mode

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#### DRIVE

Selects a shooting mode from  (single-frame shooting), **HI**  (high speed sequential shooting),  (sequential shooting), **AF**  (AF sequential shooting) and **BKT** (auto bracketing).

#### (movies)

Records sound when shooting a movie.



Sets the image quality and resolution.

Still picture : RAW, TIFF, SHQ, HQ, SQ1, SQ2

Movie : HQ, SQ

#### WB

Sets the appropriate white balance according to the light source.

### Playback mode

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Runs through all saved pictures one after another.

#### MOVIE PLAY

MOVIE PLAYBACK	Plays back movies.
INDEX	Creates an index picture of a movie in 9 frames.
EDIT	Edits a movie.

#### INFO

Displays all the shooting information on the monitor.



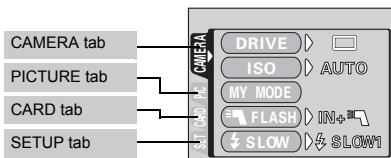
Displays a histogram showing the luminance distribution of still pictures.

## Mode menus

The MODE MENU has 4 tabs. Press to select a tab and display the associated menu items.



*These instructions are only for quick reference. For more details on the functions described here, refer to the "Reference Manual" on CD-ROM.*

## Shooting mode






CAMERA tab	
DRIVE	Selects a shooting mode from  (single-frame shooting), <b>HI</b> (high speed sequential shooting),  (sequential shooting), <b>AF</b> (AF sequential shooting) and BKT (auto bracketing).
ISO	Selects the ISO sensitivity from AUTO, 64, 100, 200 and 400.
MY MODE	Selects a mode to be activated when taking pictures in  mode.
FLASH	When using an external flash, selects from IN+ ,  and SLAVE. When "SLAVE" is selected, adjusts the intensity of the main flash.
SLOW	Selects from  SLOW 1 (1st curtain),   SLOW (1st curtain with red-eye reduction) and  SLOW 2 (2nd curtain) when the flash mode is set to  SLOW (slow synchronization).
NOISE REDUCTION	Reduces the noise that affects pictures during long exposures.
DIGITAL ZOOM	Extends the maximum optical zoom, making possible up to approx. 10x zoom.

En

FULLTIME AF	Keeps the image in focus at all times without having to press the shutter button halfway.
AF MODE	Selects the auto focus method (iESP or SPOT).
	Records sound when taking a still picture.
PANORAMA	Allows panorama pictures to be taken with Olympus CAMEDIA-brand cards.
2 IN 1	Combines two still pictures taken in succession and stores them as a single picture.
FUNCTION	Lets you add special effects to pictures (BLACK & WHITE, SEPIA, WHITE BOARD, BLACK BOARD).
	Displays a histogram showing the luminance distribution of still pictures.


#### PICTURE tab





	Sets the image quality and resolution. Still picture : RAW, TIFF, SHQ, HQ, SQ1, SQ2 Movie : HQ, SQ
WB	Sets the appropriate white balance according to the light source.
	Lets you make fine changes to the white balance.
CUSTOM WB	Stores your preferred white balance setting.
SCENE MODES	Lets you take pictures suited to the situation and the desired effect (  ).
SHARPNESS	Adjusts the sharpness of the image.
CONTRAST	Adjusts the contrast of the image.
SATURATION	Adjusts the level of color depth without changing the tint.

#### CARD tab

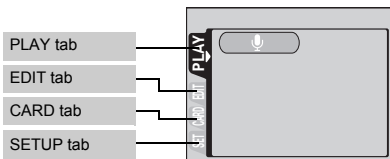
CARD SETUP	Formats a card.
------------	-----------------

#### SETUP tab

ALL RESET	Selects whether to keep the current camera settings when you turn off the power.
	Selects a language for on-screen display.
PW ON SETUP	Sets the picture displayed on the monitor when the power is turned on.
PW OFF SETUP	Sets the picture displayed on the monitor when the power is turned off.

REC VIEW	Selects whether to display pictures on the monitor while saving them to a card.
	Sets the beep sound used for warnings and adjusts the volume.
BEEP	Sets the beep sound used for button operations and adjusts the volume.
SHUTTER SOUND	Sets the sound made when the shutter button is pressed and adjusts the volume.
MY MODE SETUP	Customizes settings which are activated in the  mode.
FILE NAME	Changes how file names are assigned.
PIXEL MAPPING	Checks the CCD and image processing functions for errors.
	Adjusts the brightness of the monitor.
	Sets the date and time.
m/ft	Sets the measurement unit (m/ft) used during manual focus.
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.
SHORT CUT	Lets you assign frequently used functions as shortcut menus.
CUSTOM BUTTON	Lets you assign a frequently used function to the camera's custom button.
DUAL CONTROL PANEL	Displays the same information on the control panel as on the monitor when the monitor is not in use.
AF ILLUMINATOR	Turns on the AF illuminator to illuminate a dark subject.

## Playback mode



### PLAY tab



Adds sound to a still picture already taken.

\* The PLAY tab is not displayed during movie playback.

En

### EDIT tab

#### RAW DATA EDIT

Sets the image quality, white balance, etc. of pictures taken in RAW data format and saves them as new files.



Makes the file size smaller and saves it as a new file.



Crops part of a picture and saves it as a new file.

#### COPY

Copies pictures to and from cards. Lets you select whether to copy all frames or only a selected frame.

### CARD tab

#### CARD SETUP

Formats a card.

Erases all image data stored on the card.

### SETUP tab

#### ALL RESET

Selects whether to keep the current camera settings when you turn off the power.



Selects a language for on-screen display.

#### PW ON SETUP

Sets the picture displayed on the monitor when the power is turned on.





#### PW OFF SETUP

Sets the picture displayed on the monitor when the power is turned off.

#### SCREEN SETUP

Registers a stored picture for use as the picture displayed when the power is turned on or off.

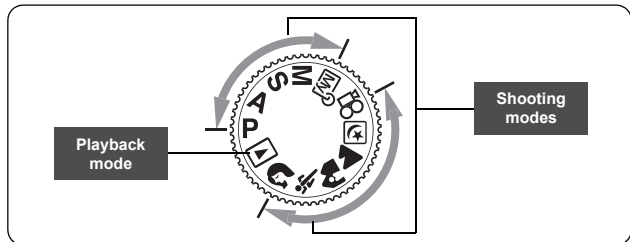


VOLUME	Adjusts the sound volume during playback. Also adjusts the volume of the sound selected in PW ON SETUP and/or PW OFF SETUP.
	Sets the beep sound used for warnings and adjusts the volume.
BEEP	Sets the beep sound used for button operations and adjusts the volume.
	Adjusts the brightness of the monitor.
	Sets the date and time.
VIDEO OUT	Selects NTSC or PAL according to your TV's video signal type. TV video signal types differ depending on the region.
	Selects the number of frames in the index display.

# MODE DIAL AND DIRECT BUTTON FUNCTIONS

## Mode dial

The mode dial is used to select a shooting or playback mode. The shooting modes include modes where the optimal settings for the situation are automatically selected, and modes where you can select the settings best suited to the shooting conditions and the effect you wish to achieve.



En

### **P** Program shooting

Allows you to take still pictures. The camera sets the aperture and shutter speed. Other functions, such as flash modes and drive modes, can be adjusted manually.

### **A** Aperture priority shooting

Allows you to set the aperture manually. The camera sets the shutter speed automatically.

#### **Turn the jog dial to set the aperture value.**

Turn to the left to decrease the aperture value (F number).  
Turn to the right to increase the aperture value (F number).

### **S** Shutter priority shooting


Allows you to set the shutter speed manually. The camera sets the aperture automatically.

**Turn the jog dial to set the shutter speed.**  
Turn to the left to set a slower shutter speed.  
Turn to the right to set a faster shutter speed.

## **M** Manual shooting

---

Allows you to set the aperture and shutter speed manually.

**Set the aperture by turning the jog dial while holding down  .**

Turn to the left to decrease the aperture value (F number).  
Turn to the right to increase the aperture value (F number).

**Turn the jog dial to set the shutter speed.**  
Turn to the left to set a slower shutter speed.  
Turn to the right to set a faster shutter speed.

## **My Mode**

---

Allows you to save your favorite settings as your own personal mode and use these customized settings when taking pictures. Current settings can also be saved for retrieving by this mode.

## **Movie record**

---

Allows you to record movies. The camera sets the aperture and shutter speed automatically. The camera maintains the correct focus and exposure even if the distance between your subject and the camera changes.

## **Night Scene shooting**

---

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

## **Landscape shooting**

---

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

## Landscape+Portrait shooting

---

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

## Sports shooting

---

Suitable for capturing fast-moving action (such as sports) without blur. The camera automatically sets the optimal shooting conditions.

## Portrait shooting

---

Suitable for taking a portrait-style shot of a person. This mode features an in-focus subject against a blurred background. The camera automatically sets the optimal shooting conditions.

En

## Playback mode

---

Allows you to play back still pictures and movies. Pictures are edited and print reservation settings are made in this mode. Use this mode when connecting the camera to a PC.



- The available settings vary depending on the mode.

Note

## Direct buttons

---

This camera is equipped with direct buttons for quick operation and setting of various shooting and playback-related functions. The direct buttons have different functions in the shooting mode and in the playback mode. Holding down one or two direct buttons and turning the jog dial allows you to make settings for each function.

## Flow of direct button operations

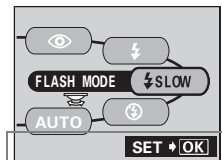
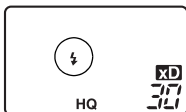
---

The procedure for making settings using the direct buttons and jog dial is shown below. As the setting screens are displayed on the monitor when pressing the direct button, settings can be made by following the operation guide displayed at the bottom of the screen.

## Ex: Using the flash mode button

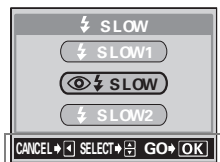
### 1 Turn the jog dial while holding down ⚡ to select the flash mode.

- The monitor turns on and the setting screen is displayed.
- The setting is made at the moment you release your finger from the direct button, and the monitor turns off.



Operation guide:  
Displayed when further options are available.

### 2 Press while holding down ⚡ to display the menu. Release the direct button after the menu is displayed.



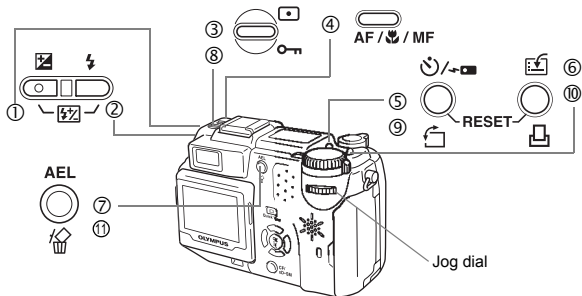
Operation guide:  
Possible operations are displayed.

### 3 Press to select the desired item, then press .

En


## Direct button functions

Holding down one or two direct buttons and turning the jog dial allows you to make settings for each function.








En


### Shooting mode

- ①  (exposure compensation) button

Changes the exposure compensation value.



- ②  (flash mode) button

Selects a flash mode from auto (no indication), red-eye reduction () , fill-in flash () , slow synchronization ( SLOW/  SLOW) and flash off ().

- ①+②  
Press at the same time  (flash intensity control) button

Adjusts the amount of light emitted by the flash.


- ③  (metering) button


Selects the metering method from ESP (no indication), spot metering () and multi-metering ().

- ④ **AF /  / MF** (AF/Macro/MF) button

Selects a focus mode from auto-focus (no indication), macro () , manual focus (MF), super macro ( blinks) and super macro MF (MF blinks).

⑤  (self-timer/remote control) button

Enables the self-timer function (  ) or remote control function (  ).

⑥  (custom) button

Activates the function registered on the custom button.


⑦ AEL (AE Lock) button

Fixes the exposure. The lock function is alternately activated and canceled each time you press the button.


## **Playback mode**

⑧  (protect) button

Protects important pictures from accidental erasure.

⑨  (rotation) button


Rotates pictures 90 degrees clockwise or counterclockwise.

⑩  (print) button

Stores print reservation data on the card.

⑨+⑩ RESET button  
Press at  
same time

When pressed simultaneously for at least 3 seconds, resets the camera's internal settings.

⑪  (erase) button

Erases a selected picture.

En






# SHOOTING BASICS

## TAKING STILL PICTURES

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







### Taking still pictures using the viewfinder

---

- 1 Set the mode dial to P A S M**      and turn the camera on.
- 2 Position the AF target mark in the viewfinder on the subject.**
- 3 Press the shutter button gently (halfway) to adjust the focus.**
  - When the focus and exposure are locked, the green lamp lights.
  - If the orange lamp lights, the flash fires automatically.
- 4 Press the shutter button all the way (fully).**
  - The camera takes the picture.
  - The card access lamp blinks while the picture is stored on the card.
  - When the green lamp stops blinking, you can take the next picture.

### Taking still pictures using the monitor

---

- 1 Set the mode dial to P A S M**      and turn the camera on.
- 2 Press**  **to turn the monitor on.**
  - You can also change the angle of the monitor when taking pictures.
- 3 Position the AF target mark on the subject while looking at the image on the monitor. Decide the composition of the picture.**
- 4 Take the picture by following the same procedure as for shooting using the viewfinder.**
  - When the focus is locked by pressing the shutter button halfway, the green lamp on the monitor lights. The AF target mark moves to the focused position.





- The available settings vary depending on the mode.

Note

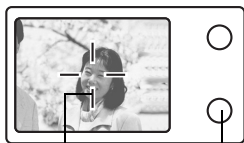
## IF CORRECT FOCUS CANNOT BE OBTAINED (FOCUS LOCK)

When the subject you want to focus on is not in the center of the frame and you cannot position the AF target mark on it, you can focus the camera on another point at roughly the same distance (focus lock) and take the picture as explained below.

- 1 Set the mode dial to P A S M**     and turn the camera on.

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

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



AF target mark

Green lamp

- 3 Press the shutter button halfway until the green lamp lights**

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



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



- 5 Press the shutter button fully.**

En

## RECORDING MOVIES

- 1 Set the mode dial to  and turn the camera on.**
  - The monitor turns on and the available recording time on the card that you are using is displayed.
- 2 Decide the composition while looking at the image on the monitor.**
- 3 Press the shutter button fully to start recording.**
  - The orange lamp on the right of the viewfinder lights.
  - During movie recording,  lights red.
- 4 Press the shutter button again to stop recording.**
  - The card access lamp blinks while the movie is stored on the card.
  - When the remaining recording time has been used up, recording stops automatically.
  - When there is space in the card memory, the remaining recording time is displayed, and the camera is ready to shoot.









Note

- During movie recording, the flash is disabled.
- It takes longer to store movies than still pictures.
- The seconds remaining varies depending on the record mode and the amount of space available on the card.

## ZOOMING IN ON A SUBJECT (OPTICAL ZOOM)

Telephoto and wide-angle shooting are possible at 3x magnification (the optical zoom limit, equivalent to 35 mm - 105 mm on a 35 mm camera). By combining the optical zoom with the digital zoom, zoom magnification can be increased to a maximum of approximately 10x.

- 1 Set the mode dial to P A S M       and turn the camera on.**
- 2 Turn the zoom lever.**
- 3 Take the picture while looking in the viewfinder.**



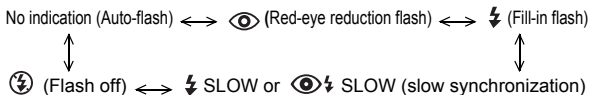
Note

- Pictures taken with the digital zoom may appear grainy.

## USING THE FLASH

### 1 Set the flash mode by turning the jog dial while holding down .

- The flash mode changes as follows and the selected mode is displayed on the control panel (if all modes are available):



### 2 Press the shutter button halfway.

- When the flash is ready to fire, the orange lamp lights steady.

### 3 Press the shutter button fully.



#### TIPS

Flash working range

W (max.): Approx. 0.8 m – 5.6 m (2.6 ft. – 18 ft.)

T (max.): Approx. 0.2 m – 3.8 m (0.7 ft. – 12 ft.)

#### Auto-flash (No indication)

The flash fires automatically in low light or backlight conditions.

#### Red-eye reduction flash ()

The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash.

#### Fill-in flash ()

The flash always fires every time the shutter button is released.

#### Flash off ()

The flash does not fire even in low light conditions.

#### Slow synchronization SLOW1 SLOW2 SLOW

#### 1st curtain (front curtain) SLOW1 (factory default setting):

Adjusts the flash for slow shutter speeds.

#### 2nd curtain (rear curtain) SLOW2:




In contrast to 1st curtain, 2nd curtain fires the flash just before the shutter closes.

#### 1st curtain with red-eye reduction SLOW:

Adjusts the flash for slow shutter speeds, and minimizes red-eye.

## ■ USING THE SELF-TIMER

This function is useful for taking pictures with yourself included in the photograph. Fix the camera securely on a tripod or stable surface for self-timer shooting.

- 1 Turn the jog dial while holding down  and select .**
- 2 Press the shutter button fully to start self-timer shooting.**
  - The self-timer/remote control lamp lights for approximately 10 seconds, then starts blinking. After blinking for approximately 2 seconds, the picture is taken.
  - To cancel the self-timer, press .
  - The self-timer mode is automatically canceled after one shot.

# ADVANCED SHOOTING

## SEQUENTIAL SHOOTING

There are 4 sequential shooting modes: high speed sequential shooting, sequential shooting, AF sequential shooting and auto bracketing. Sequential shooting modes can be selected from the DRIVE mode menu.

Sequential shooting cannot be performed when the record mode is set to TIFF.

### Drive mode



Shoots 1 frame at a time when the shutter button is pressed. (Normal shooting mode, single-frame shooting)



Pictures can be taken at a faster speed than normal sequential shooting. The sequential shooting speed varies depending on the record mode setting.

4 frames at 3.3 frames/sec. (3 frames in SHQ ENLARGE SIZE mode)



Focus, exposure and white balance are locked at the first frame. Approx. 11 frames at 1.7 frames/sec. (in HQ mode)



Focus is individually locked for each frame. The AF sequential shooting speed is slower than for normal sequential shooting.

### BKT

When auto bracketing is set, the exposure is changed automatically for each frame when you start shooting. The exposure differential and number of frames can be selected in the menus. The focus and white balance are locked at the first frame.

### MENU FUNCTIONS - Mode menus

## METERING

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

Digital ESP metering: Meters the center of the subject and the surrounding area separately.

Spot metering : Exposure is determined by metering within the AF target area. In this mode, a subject can be shot with optimal exposure regardless of the background light.

Multi-metering : Meters the brightness of the subject at up to 8 different points to set the optimal exposure based on the average brightness. This method is useful with a high contrast subject.

### MODE DIAL AND DIRECT BUTTON FUNCTIONS - Direct buttons

En

## ■ AE LOCK

This function is suitable for situations when optimal exposure is difficult to achieve, such as when there is excessive contrast between the subject and the surroundings.


 MODE DIAL AND DIRECT BUTTON FUNCTIONS - Direct buttons

## ■ MACRO MODE SHOOTING

The macro mode allows you to shoot at a distance of 20 cm to 80 cm (0.7 ft. to 2.6 ft.) from your subject.

 MODE DIAL AND DIRECT BUTTON FUNCTIONS - Direct buttons

## ■ SUPER MACRO MODE SHOOTING

This mode lets you shoot from as close as 3 cm (1.2") to your subject. In the  mode, normal shooting is also possible, but the position of the zoom is fixed automatically and cannot be changed.

En

 MODE DIAL AND DIRECT BUTTON FUNCTIONS - Direct buttons


## ■ MANUAL FOCUS

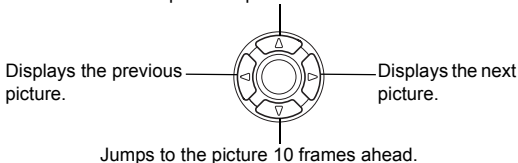
If auto focus is unable to focus on a subject, use manual focus.

 MODE DIAL AND DIRECT BUTTON FUNCTIONS - Direct buttons

# PLAYBACK

## PLAYING BACK STILL PICTURES


- 1 Set the mode dial to  and turn the camera on.**
  - The monitor turns on and displays the last picture taken. (Single-frame playback)
- 2 Use the arrow pad or jog dial to play back other pictures.**
  - **Arrow pad** Jumps to the picture 10 frames back.



- **Jog dial**  
Displays the previous picture.  Displays the next picture.

### Quick View (Double-click playback)

This function lets you play back pictures while the camera is in the shooting mode. This is useful when you want to check shooting results and resume shooting quickly.

- 1 Press  twice quickly (double-click) while in the shooting mode.**
- 2 Press the shutter button halfway to return to the shooting mode.**

### Close-up playback

Pictures displayed on the monitor can be enlarged 1.5, 2, 2.5, 3, 3.5 or 4 times. This function is useful when you want to check the details of a picture.

En

## 1 Select the still picture you want to enlarge.

- You cannot enlarge pictures with .

## 2 Turn the zoom lever toward T.

- To return the picture to the original size (1x), turn the zoom lever toward W.

## Index display

---

This function lets you show several pictures at the same time on the monitor. It is useful for quickly finding the picture you want to view. The number of pictures shown can be 4, 9 or 16.

## 1 In the single-frame playback mode, turn the zoom lever toward W.

- Use the arrow pad to select the picture.
- To return to the single-frame playback, turn the zoom lever toward T.

En

## PLAYING BACK MOVIES

### 1 Set the mode dial to and turn the camera on.

- The monitor turns on.





### 2 Use the arrow pad or jog dial to display the picture with you want to play back.

### 3 Press .

- The top menu is displayed.

### 4 Press to select MOVIE PLAY.






### 5 Press to select MOVIE PLAYBACK, then press .

- The movie is played back. When playback ends, the display automatically returns to the beginning of the movie.
- Press  again after playback ends to display the menu.  
PLAYBACK : Plays back the entire movie again.  
FRAME BY FRAME :  
Plays back the movie manually one frame at a time.  
EXIT : Leaves the movie playback mode.  
Press   to select the desired operation, then press .






## When FRAME BY FRAME is selected

---

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

## PROTECTING PICTURES

You are recommended to protect important pictures to avoid accidentally erasing them.

- 1 Set the mode dial to  and turn the camera on.**
  - The monitor turns on.
- 2 Use the arrow pad or jog dial to display the picture you want to protect.**
- 3 Press .**
  - To cancel protection, press  again.



Note

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

## ERASING PICTURES

This function enables you to erase recorded pictures. This can be done either one frame at a time or to all the pictures on the card at once.




Note

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

### Single-frame erase

---

- 1 Set the mode dial to  and turn the camera on.**
  - The monitor turns on.
- 2 Use the arrow pad or jog dial to display the picture you want to erase.**

En

- 3 Press .
  - The ERASE screen is displayed.
- 4 Press to select YES, then press .
  - The picture is erased and the menu is closed.

## All-frame erase

---

- 1 In the top menu, select MODE MENU → CARD → CARD SETUP, and press .
- 2 Press to select ALL ERASE, then press .
- 3 Press to select YES, then press .
  - All the pictures are erased.

En

## FORMATTING (CARD SETUP)

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

---



- All existing data, including protected data, is erased when the card is formatted. Once erased, pictures cannot be restored, so make sure that you do not erase important image data. Download important image data to a PC before formatting the card.

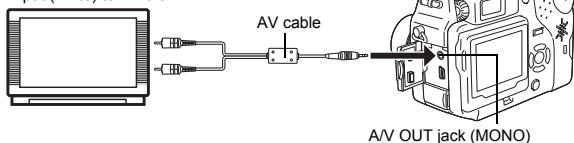
- 1 In the top menu, select MODE MENU → CARD → CARD SETUP, and press .
  - P A S M
  - The FORMAT screen is displayed.
  - 
  - The CARD SETUP screen is displayed.
- 2 If the mode dial is set to P A S M , press to select FORMAT.  
 If the mode dial is set to , press to select FORMAT, then press . The FORMAT screen is displayed. Press to select YES.
- 3 Press .
  - The busy bar is displayed and the card is formatted.


## PLAYBACK ON A TV

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

- 1 Make sure that the TV and camera are turned off. Connect the A/V OUT jack on the camera to the video input terminal on the TV using the AV cable.**

Connect to the TV's video input (yellow) and audio input (white) terminals.



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



Note

- You are recommended to use the optional AC adapter when using the camera with a TV.
- Make sure that the camera's video output signal type is the same as the TV's video signal type.

En

# PRINT SETTINGS

By specifying the desired number of prints of each picture on the card and whether or not the date and time are to be printed, you can print out the desired pictures according to the print reservation data with a DPOF-compatible printer or at a DPOF photo lab.

## **What is DPOF?**

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

By storing the print reservation data on the card, the pictures can be printed easily by a DPOF-compatible photo lab or on a personal DPOF-compatible printer.

## **All-frame reservation**

Use this feature to print all the pictures stored on the card. You can specify the desired number of prints and whether or not the date and time are to be printed.

## **Single-frame reservation**

Use this feature to print only selected pictures. Display the frame to be printed and select the desired number of prints.

## **Trimming**

This function enables you to crop part of a recorded picture and print out the enlarged section only.

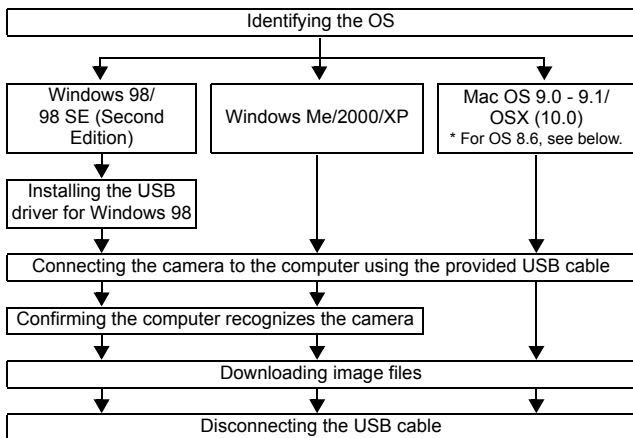
## **Resetting the print reservation data**

This function allows you to reset all the print reservation data for pictures stored on the card.

*For more details, refer to the "Reference Manual" on CD-ROM.*

# DOWNLOADING PICTURES TO A COMPUTER

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



En

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

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



Note

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


- QuickTime is needed for playing back movies. QuickTime is included on the provided software CD.
- If you want to process images, make sure to download them to your computer first. Depending on the software, image files may be destroyed if the images are processed (rotated, etc.) while they are on the card.

## ■ FOR OTHER OS USERS

Users running other OS cannot use the provided USB cable to connect the camera directly to a computer.

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

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

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

No

Yes

Yes

Connect the camera directly to your computer using the provided USB cable.



Use the optional USB reader/writer.  
\*Certain card readers may not be compatible with Mac OS X. Check the Olympus website for the most up-to-date compatibility information.

Is your OS one of the following?

- Windows 98
- Windows 2000
- Windows Me
- Windows XP
- Mac OS 9/X

No

En

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

No

Yes

Use the optional PC card adapter.  
\*Not supported by Windows NT4.0 or lower.

Does your computer have a built-in floppy disk drive?

No

Yes

Use the optional FlashPath floppy disk adapter. (only for SmartMedia)



Consult your nearest Olympus representative.

**For more details, refer to the "Reference Manual" on CD-ROM.  
For connection to the PC, refer to the "Software Installation Guide" included in the CD-ROM package.**

# ERROR CODES

Control panel	Monitor indication	Possible cause	Corrective action
	 NO CARD	The card is not inserted, or it cannot be recognized.	Insert a card or insert a different card.
	 CARD ERROR	Cannot record, play back or erase pictures on this card.	Wipe the gold contacts with a commercially available cleaning paper and insert the card again. If the problem persists, format the card. If the card cannot be formatted, it cannot be used.
	 WRITE-PROTECT	Writing to the card is prohibited.	Remove the write-protect seal attached to the card. For details, refer to the instruction manual provided with the card.
	 CARD FULL	The card is full. No more pictures can be taken or no more information such as print reservation can be recorded.	Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.
	 NO PICTURE	There are no pictures on the card.	The card contains no pictures. Record pictures.
No indication	 PICTURE ERROR	The selected picture cannot be played back on this camera.	Use image processing software to view the picture on a PC. If that cannot be done, the image file is damaged.
	 CARD COVER OPEN	The card cover is open.	Close the card cover.

En

		The card is not formatted.	Format the card.
--	--	----------------------------	------------------

En



# SPECIFICATIONS

Product type	: Digital camera (for shooting and displaying)
Recording system	
Still picture	: Digital recording, TIFF (non-compression), JPEG (in accordance with Design rule for Camera File system (DCF)), Exif 2.2 compatible, Digital Print Order Format (DPOF), RAW data
Still picture with sound	: Wave format
Movie	: QuickTime Motion JPEG support
Memory	: xD-Picture Card (16 – 128MB) SmartMedia (4MB, 8MB, 16MB, 32MB, 64MB, 128MB) <sup>*1</sup> Compact Flash, Microdrive <sup>*2</sup> <sup>*1</sup> 2MB and 5V SmartMedia cannot be used. <sup>*2</sup> 340MB Microdrive cannot be used.
Recording image resolution	: 3200 × 2400 pixels (ENLARGE SIZE SHQ, HQ) 2560 × 1920 pixels (RAW, TIFF, SHQ, HQ) 2560 × 1696 pixels (3:2 TIFF, SHQ, HQ) 2288 × 1712 pixels (TIFF, SQ1) 2048 × 1536 pixels (TIFF, SQ1) 1600 × 1200 pixels (TIFF, SQ1) 1280 × 960 pixels (TIFF, SQ2) 1024 × 768 pixels (TIFF, SQ2) 640 × 480 pixels (TIFF, SQ2)
No. of storable pictures	
When a 32MB card used (without sound)	: Approx. 4 frames (RAW: 2560 × 1920) Approx. 2 frames (TIFF: 2560 × 1920) Approx. 8 frames (SHQ: 2560 × 1920) Approx. 26 frames (HQ: 2560 × 1920) Approx. 64 frames (SQ1: 1600 × 1200 NORMAL) Approx. 331 frames (SQ2: 640 × 480 NORMAL)
No. of effective pixels	: 5,000,000 pixels
Image pickup device	: 1/1.8" CCD solid-state image pickup, 5,260,000 pixels (gross)

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Lens	: Olympus lens 7.1 mm to 21.3 mm, f1.8 to 2.6, 8 elements in 6 groups (equivalent to 35 mm to 105 mm lens on 35 mm camera)
Photometric system	: Digital ESP metering, spot metering
Aperture	: F1.8 to F8.0
Shutter speed	: 16 to 1/2000 sec.
Shooting range	: 0.8 m (2.6 ft.) to ∞ (normal) 0.2 m to 0.8 m (0.7 ft. to 2.6 ft.) (macro mode)
Viewfinder	: Optical real image viewfinder (with AF target mark)
Monitor	: 1.8" TFT color LCD display, 114,000 pixels
Autofocus	: TTL system autofocus Contrast detection method/focal adjustment range
Outer connector	: DC-IN jack, USB connector, A/V OUT jack
Automatic calendar system	: Up to 2099
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	: 2 CR-V3 lithium battery packs, or 4 AA (R6) alkaline batteries, lithium batteries, NiMH batteries or NiCd batteries. AC adapter (optional) Manganese (zinc-carbon) batteries cannot be used.
Dimensions	: 113.5 mm (W) × 79.5 mm (H) × 69.5 mm (D) (4.5" × 3.1" × 2.7") (excluding protrusions)
Weight	: 375 g (0.8 lb.) (without batteries or card)

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



# OLYMPUS

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

### Adobe [Photoshop] Support

Adobe software updates and technical information can be obtained at:  
<http://www.adobe.com/support/>

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