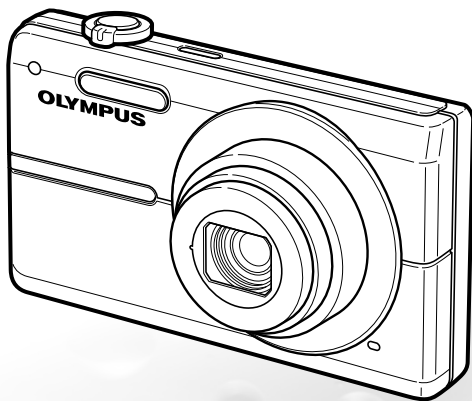


# **OLYMPUS<sup>®</sup>**

DIGITAL CAMERA

## ***FE-370 / X-880 / C-575***

### **Instruction Manual**



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

## Step 1

### Preparing the Camera

"Preparing the Camera" (p. 10)

## Step 2

### Shooting and Playing Back Images

"Shooting, Playback, and Erasing" (p. 15)

## Step 3

### How to Use the Camera

"Three Types of Setting Operations" (p. 3)

## Step 4

### Printing

"Direct printing (PictBridge)" (p. 38)

"Print Reservations (DPOF)" (p. 41)

## Contents

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| ➤ Preparing the Camera .....            | 10 | ➤ Menus for Other Camera Settings .....                     | 34 |
| ➤ Shooting, Playback, and Erasing ..... | 15 | ➤ Printing .....  | 38 |
| ➤ Using Shooting Modes .....            | 18 | ➤ Using OLYMPUS Master 2 .....                              | 44 |
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## Three Types of Setting Operations

### Using the Menu


Various camera settings can be accessed through the menu, including functions used during shooting and playback and the date/time and screen display.

- There may be unavailable menus depending on other related settings or the position of the mode dial.

This example describes how to use the menus to set the [POWER SAVE].

▶ SETUP (shooting mode /playback mode top menu) ▶  
POWER SAVE (Submenu 1) ▶ ON (Submenu 2)

- Set the mode dial to a position other than **GUIDE**.

- The  symbol in "Menu Settings" (p. 25 to 29) indicates available shooting modes.








- Press the **MENU** button.

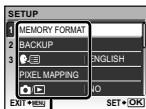
- Press the **MENU** button to return to the previous screen in any Step after Step 2.



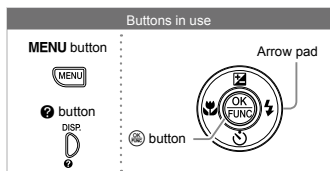
Shooting mode top menu





- Use , , and  to select the desired menu, and press the  button.

- Pressing and holding the  button displays an explanation (menu guide) of the selected option.

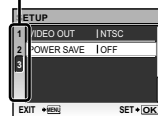


Submenu 1

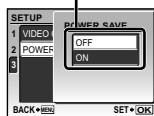






- Use , , and  to select the desired submenu 1, and press the  button.


Page tab







Submenu 2



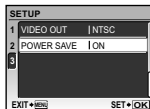
- To quickly move to the desired submenu, press  to highlight the page tab, and then use ,  to move the page. Press  to return to the submenu.

- Some menu include submenu that appear by pressing the  button.

- Use , , and  to select the submenu 2, and press the  button.

- Once a setting is made, the display returns to the previous screen.

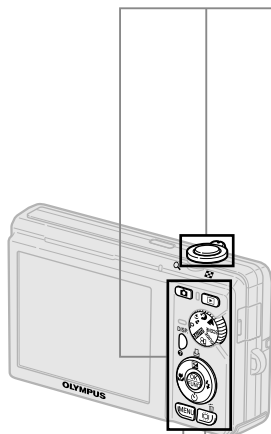
- There may be additional operations. "Menu Settings" (p. 25 to 37)























- Press the **MENU** button to complete the setting.

## Using the Direct Buttons (p. 20 to 24)

Frequently used shooting functions can be accessed using the direct buttons.

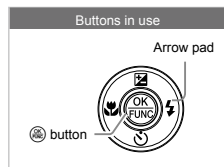


-  Zoom lever (p. 20)
-  Shutter button (p. 15)
-   button (shooting) (p. 16)
-   button (playback) (p. 16)
-   button (exposure compensation) (p. 21)
-   button (macro) (p. 21)
-   button (flash) (p. 20)
-   button (self-timer) (p. 21)
-   button (information display change/  
menu guide) (p. 18, 22, 23)
-   button (print) (p. 38, 40)
-   button (backlight boost/erase) (p. 21/ p. 17)

## Using the FUNC Menu (p. 22)





Frequently used shooting menu functions can be set with less Steps using the FUNC menu.

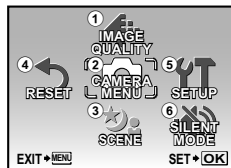
-  button (p. 22)














# Menu Index

## Menus for Shooting Functions


When the  button is pressed and the mode dial is set to a shooting mode position (AUTO P   SCENE ), settings can be adjusted.

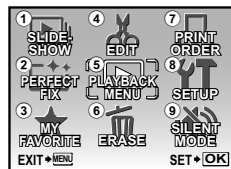


Shooting mode top menu















|  |   |  |
|--|---|--|
| ①  IMAGE QUALITY..... p. 25           | AF MODE..... p. 28  | SOUND SETTINGS..... p. 35  |
| ②  CAMERA MENU                        | ③  SCENE..... p. 28    |  (Monitor)..... p. 36     |
| WB..... p. 26  | ④  RESET..... p. 29    |  (Date/time)..... p. 36   |
| ISO..... p. 26   | ⑤  SETUP               | VIDEO OUT..... p. 36   |
| FINE ZOOM..... p. 26   | MEMORY FORMAT/<br>FORMAT..... p. 34   | POWER SAVE..... p. 37  |
| IMAGE STABILIZER<br>(Still images/<br>DIS MOVIE MODE<br>(Movies)..... p. 27  | BACKUP..... p. 34   | ⑥  SILENT MODE..... p. 37 |
|  (Still images/<br>movies)..... p. 27 |  (Language)..... p. 34 |  |
| PANORAMA..... p. 27  | PIXEL MAPPING..... p. 34  |  |
|  |  ..... p. 34           |  |
|  | PW ON SETUP..... p. 35  |  |
|  | MENU COLOR..... p. 35   |  |

## Menus for Playback, Editing, and Printing Functions

When the  button is pressed, settings can be adjusted.



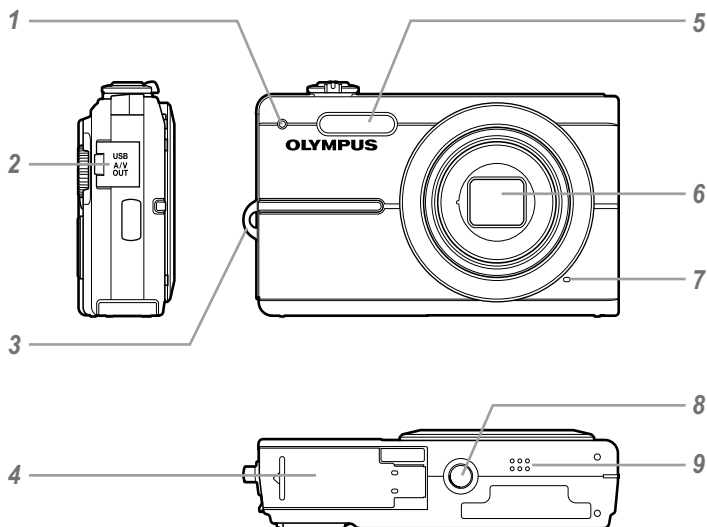
Playback mode top menu

|  |  |  |
|--|--|--|
| ①  SLIDESHOW..... p. 30   | INDEX..... p. 32   | ⑦  PRINT ORDER..... p. 42 |
| ②  PERFECT FIX..... p. 30 | EDIT..... p. 32  | ⑧  SETUP                  |
| ③  MY FAVORITE..... p. 30 | ⑤  PLAYBACK MENU                        | ‘Same as “Menus for shooting functions”’   |
| ④  EDIT                   |  (Protect)..... p. 32                   | ⑨  SILENT MODE..... p. 37 |
|  (Resize)..... p. 31      |  (Rotate)..... p. 32                    |  |
|  (Crop)..... p. 31        |  (Add sound to still images)..... p. 33 |  |
| EXPRESSION EDIT... p. 31   | ⑥  ERASE..... p. 33                     |  |
| FACE FOCUS..... p. 31  |  |  |

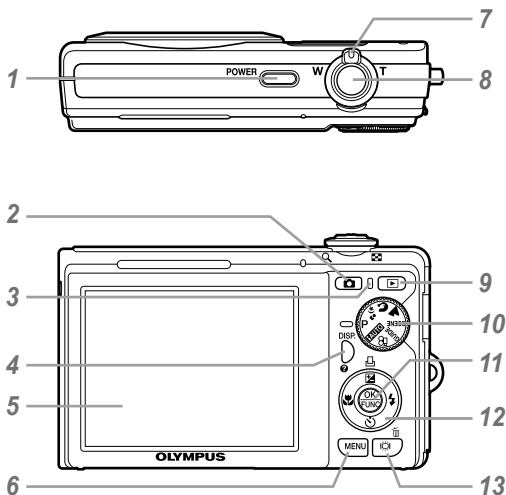


# Names of Parts

## Camera unit

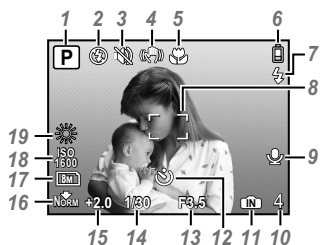


- |   |  |   |                            |
|---|--|---|----------------------------|
| 1 | Self-timer lamp..... p. 21                     | 5 | Flash ..... p. 20          |
| 2 | Multi-connector ..... p. 36, 38, 44            | 6 | Lens ..... p. 51, 60       |
| 3 | Strap eyelet..... p. 10                        | 7 | Microphone ..... p. 27, 33 |
| 4 | Battery/<br>card compartment cover ..... p. 11 | 8 | Tripod socket ..... p. 27  |
|   |  | 9 | Speaker ..... p. 35        |

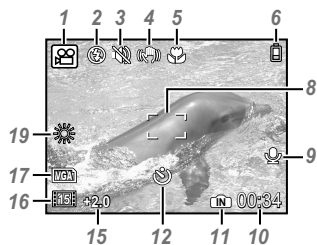


- |   |   |
|---|---|
| <p>1 <b>POWER</b> button ..... p. 13</p> <p>2  button (shooting)..... p. 16</p> <p>3 Card access lamp ..... p. 53</p> <p>4 <b>DISP.</b>/ button<br/>(information display change/<br/>menu guide)..... p. 18, 22, 23</p> <p>5 Monitor ..... p. 13, 15, 46</p> <p>6 <b>MENU</b> button..... p. 3, 13</p> <p>7 Zoom lever ..... p. 20, 23</p> <p>8 Shutter button ..... p. 15, 46</p> <p>9  button (playback)..... p. 16</p> | <p>10 Mode dial ..... p. 3, 13</p> <p>11  button ..... p. 3, 22</p> <p>12 Arrow pad ..... p. 3, 13</p> <p>/ button<br/>(exposure compensation/<br/>print) ..... p. 21/p. 38, 40</p> <p> button (macro) ..... p. 21</p> <p> button (self-timer) ..... p. 21</p> <p> button (flash)..... p. 20</p> <p>13 / button (backlight boost/<br/>erase)..... p. 21/p. 17, 24, 33</p> |
|---|---|

Shooting mode display



Still image

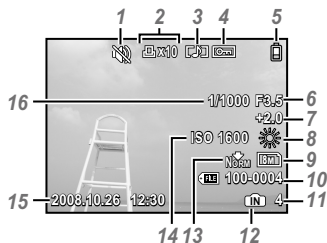


Movie

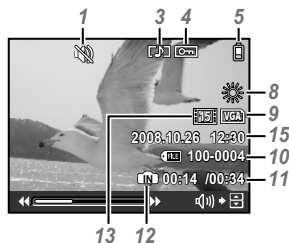
- |          |  |             |           |  |             |
|----------|--|-------------|-----------|--|-------------|
| <b>1</b> | Shooting mode.....   | p. 15       | <b>9</b>  | Recording with sound .....                                       | p. 27       |
| <b>2</b> | Flash mode .....   | p. 20       | <b>10</b> | Number of storable still images/<br>remaining recording time ... | p. 15/p. 19 |
| <b>3</b> | Silent mode.....   | p. 37       | <b>11</b> | Current memory.....  | p. 52       |
| <b>4</b> | Image stabilization (still image)/<br>Digital image stabilization (movie)<br>..... | p. 27       | <b>12</b> | Self-timer .....   | p. 21       |
| <b>5</b> | Macro/super macro .....  | p. 21       | <b>13</b> | Aperture value .....   | p. 15       |
| <b>6</b> | Battery check .....  | p. 10       | <b>14</b> | Shutter speed .....  | p. 15       |
| <b>7</b> | Flash standby/<br>camera shake warning/<br>flash charge .....                      | p. 20/p. 46 | <b>15</b> | Exposure compensation .....                                      | p. 20       |
| <b>8</b> | AF target mark.....  | p. 15       | <b>16</b> | Compression/frame rate .....                                     | p. 25       |
|          |  |             | <b>17</b> | Image size .....   | p. 25       |
|          |  |             | <b>18</b> | ISO.....   | p. 26       |
|          |  |             | <b>19</b> | White balance .....  | p. 26       |



## Playback mode display



Still image



Movie

- |   |  |
|---|--|
| <p><b>1</b> Silent mode..... p. 37</p> <p><b>2</b> Print reservations/<br/>number of prints..... p. 41/p. 40</p> <p><b>3</b> Adding sound..... p. 33</p> <p><b>4</b> Protect ..... p. 32</p> <p><b>5</b> Battery check..... p. 10</p> <p><b>6</b> Aperture value ..... p. 15</p> <p><b>7</b> Exposure compensation ..... p. 20</p> <p><b>8</b> White balance ..... p. 26</p> <p><b>9</b> Image size ..... p. 25</p> | <p><b>10</b> File number..... -</p> <p><b>11</b> Frame number/<br/>elapsed time/<br/>total recording time ..... p. 16/p. 17</p> <p><b>12</b> Current memory..... p. 52</p> <p><b>13</b> Compression/frame rate ..... p. 25</p> <p><b>14</b> ISO..... p. 26</p> <p><b>15</b> Date and time ..... p. 13</p> <p><b>16</b> Shutter speed ..... p. 15</p> |
|---|--|

# Preparing the Camera

## Checking the contents of the box



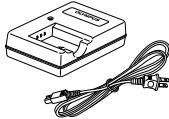
Digital camera



Strap



LI-60B Lithium Ion Battery



LI-60C Battery Charger



USB cable



AV cable



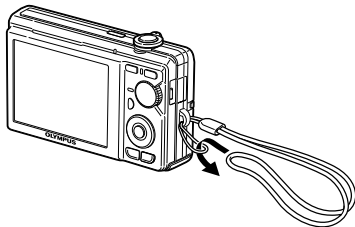
OLYMPUS Master 2  
CD-ROM



microSD Attachment

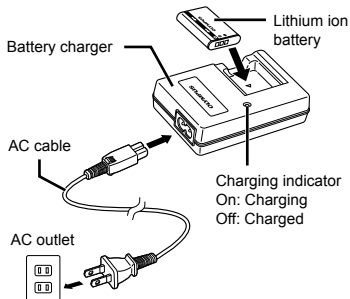
Other accessories not shown: Instruction Manual (this manual), warranty card.  
Contents may vary depending on purchase location.

## Attaching the camera strap



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

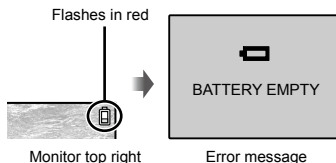
## Charging the battery



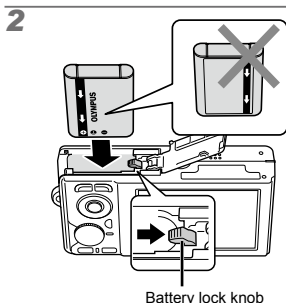
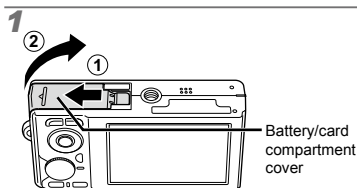
- ⚠ Battery comes partially charged. Before use, be sure to charge the battery until the charging indicator goes off (for approx. 2.5 hours).
- ⚠ For details on the battery and the charger, see “**Battery and charger**” (p. 51).

## When to charge the batteries

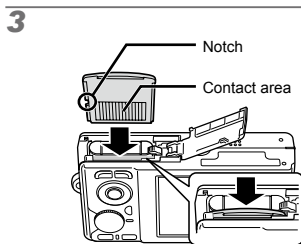
Charge the battery when the error message shown below appears.



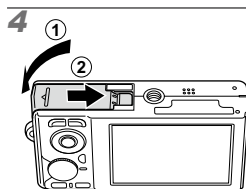
## Loading the battery and the xD-Picture Card™ (sold separately) into the camera



- ❗ The battery has a front side and a back side. Insert the battery in the correct direction as illustrated. If the battery is not inserted correctly, the camera will not operate.
- ❗ Insert the battery while sliding the battery lock knob in the direction of the arrow.
- ❗ Slide the battery lock knob in the direction of the arrow to unlock, and then remove the battery.

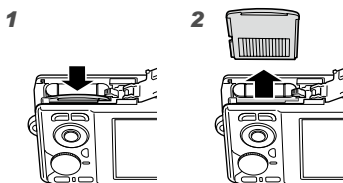


- ❗ Insert the card straight until it clicks into place.
- ❗ Do not touch the contact area directly.



- ❗ This camera allows the user to take pictures using the internal memory even when no xD-Picture Card (sold separately) is inserted. **“Using an xD-Picture Card”** (p. 52)
- ❗ **“Number of storable pictures (still pictures)/recording length (movies) in the internal memory and xD-Picture Card”** (p. 53)

## Removing the xD-Picture Card



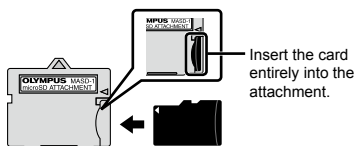
- ❗ Press the card in until it clicks and comes out slightly, then grab the card and pull it out.

## Using the microSD card/ microSDHC card (sold separately)

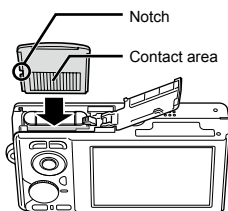
A microSD card or microSDHC card (hereafter both will be referred to as microSD card) is also compatible with this camera using the microSD Attachment.

 "Using the microSD Attachment" (p. 54)

### 1 Insert the microSD card into the microSD Attachment.




### 2 Insert the microSD Attachment into the camera.











#### To remove the microSD card

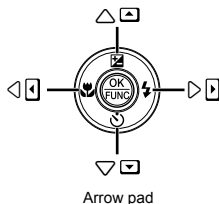
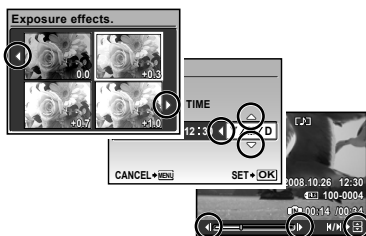




Pull the microSD card straight out.

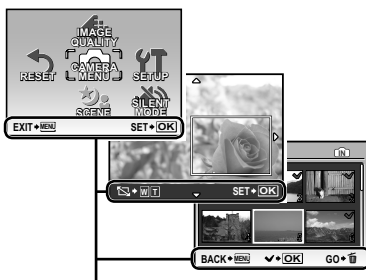
 Do not touch the contact area of the microSD Attachment and/or microSD card.

## Arrow pad and operation guide

The symbols         displayed on various setting and movie playback screens indicate that arrow pad be used.



Operation guides displayed at the bottom of the screen indicate that the **MENU** button,  button, zoom lever, or  button be used.



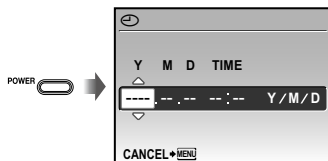
Operation guide

## Setting the date and time

The date and time set here are saved to image file names, date prints, and other data.

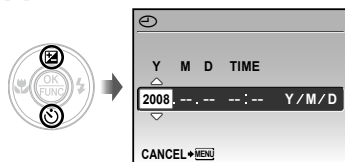
### 1 Press the POWER button to turn on the camera.

- The date and time setting screen is displayed when the date and time are not set.

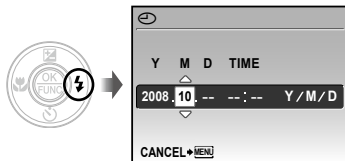


Date and time setting screen

### 2 Use to select the year for [Y].



### 3 Press to save the setting for [Y].



### 4 As in Steps 2 and 3, use and the button to set [M] (month), [D] (day), and [TIME] (hours and minutes).

- For a precise time setting, press the button as the time signal strikes 00 seconds.
- To change the date and time, adjust the setting from the menu. (Date/time) (p. 36)

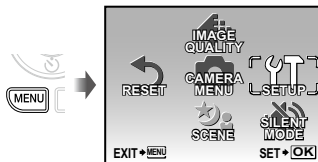
## Changing the display language


The language for the menu and error messages displayed on the monitor is selectable.

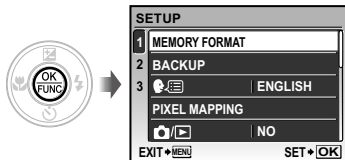
### 1 Set the mode dial to a position other than GUIDE.



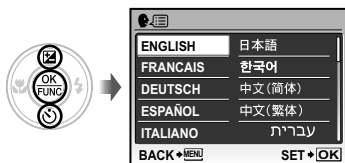
### 2 Press the MENU button, and press to select [↑ SETUP].








**3** Press the  button.



**4** Use   to select  and press the  button.



**5** Use     to select your language and press the  button.

**6** Press the MENU button.



# Shooting, Playback, and Erasing

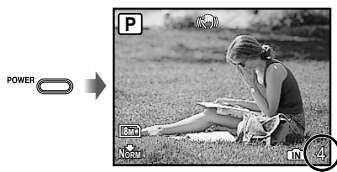
## Shooting with optimum aperture value and shutter speed (P mode)

In this mode, automatic camera shooting can be used while also allowing changes to a wide range of other shooting menu functions such as exposure compensation, white balance, and so forth as needed.

### 1 Set the mode dial to P.



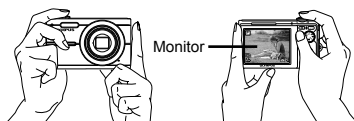
### 2 Press the POWER button to turn on the camera.



Number of storable still images (p. 53)

Monitor  
(standby mode screen)

### 3 Hold the camera and compose the shot.



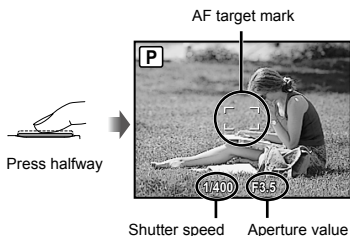
Horizontal grip



Vertical grip

### 4 Press the shutter button halfway down to focus on the subject.

- When the camera focuses on the subject, the exposure is locked (shutter speed and aperture value are displayed), and the AF target mark changes to green.
- The camera was unable to focus if the AF target mark flashes red. Try focusing again.



“Focusing” (p. 48)

- 5 To take the picture, gently press the shutter button all the way down while being careful not to shake the camera.**



Image review screen

### To view images during shooting

Pressing the button enables playback of images. To return to shooting, either press the button or press the shutter button halfway down.

### To shoot movies

“Shooting movies ( mode)” (p. 19)

### When shooting is finished

Press the **POWER** button to turn off the camera.

- ⚠ All shooting settings except for **P** mode return to default settings when the camera is turned off.

## Viewing images

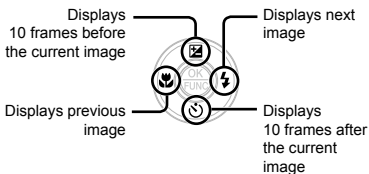
- 1 Press the button.**



Number of frames

Playback image

- 2 Use to select an image.**



- ⚠ The display size of the images can be changed. “Index view and closeup view” (p. 23)

### To play back movies

Select a movie, and press the button.



Movie



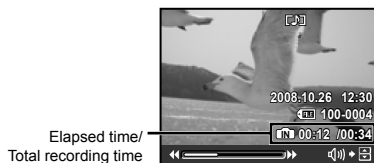
## Operations during movie playback

**Volume:** During playback, press .

**Fast-forward:** Press and hold down .

**Rewind:** Press and hold down .

**Pause:** Press the button.



During playback

### First (last) frame/frame advance:

During pause, press to display the first frame, and press to display the last frame.

Press and hold down to play a movie, and press and hold down to play a movie in reverse.

Press the button to resume playback.



During pause

### To stop movie playback

Press the **MENU** button.

## Erasing images during playback (Single image erase)

- 1 Press the button when the image to be erased is displayed.



- 2 Press to select [YES], and press the button.

[ ERASE ] (p. 33)

# Using Shooting Modes

## Using the best mode for the shooting scene

(**SCN**, **SCN**, **SCN**, SCENE mode)

! “Selecting a scene mode according to the shooting situation [**SCN** SCENE]” (p. 28)

1 Set the mode dial to **SCN**, **SCN**, **SCN** or SCENE.

When **SCN**, **SCN** or **SCN** is selected



When SCENE is selected



- An explanation of the selected mode is displayed while the **DISP.** button is pressed and held.

2 When SCENE is selected, use **DISP.** to select the best shooting mode for the scene, and press the **DISP.** button.

Icon indicating the scene mode that is set



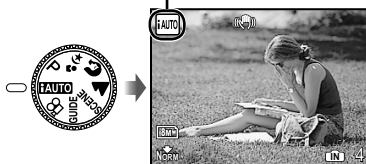
- ! To change to another scene mode, use the menu.  
“Selecting a scene mode according to the shooting situation [**SCN** SCENE]” (p. 28)

## Shooting with automatic settings (AUTO mode)

The best shooting mode is automatically selected according to the shooting scene. This is a fully automatic mode that allows the user to take pictures best suited for the scene by simply pressing the shutter button. All shooting settings cannot be changed.

1 Set the mode dial to **AUTO**.

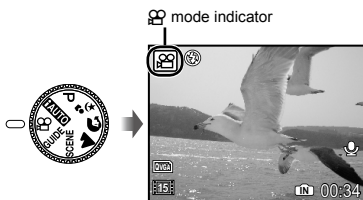
**AUTO** mode indicator



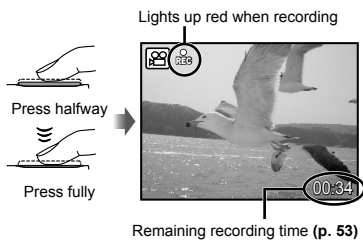
- The shooting mode automatically selected is displayed when the **DISP.** button is pressed or the shutter button is pressed halfway.

## Shooting movies (MOV mode)


1 Set the mode dial to .



2 Press the shutter button halfway down to focus on the subject, and gently press the button all the way down to start recording.



3 Gently press the shutter button all the way down to stop recording.

- ⚠ Audio is recorded with the movie.
- ⚠ During audio recording, only the digital zoom can be used. To record a movie with optical zoom, set  (movies) (p. 27) to [OFF].

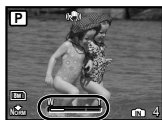
# Using Shooting Functions

## Using the zoom

Using the zoom lever adjusts the shooting range.

Turn the zoom lever to the W-side.

Turn the zoom lever to the T-side.



Zoom bar

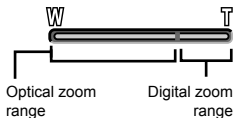
- Optical zoom: 5x, Digital zoom: 4x
- Use of **[IMAGE STABILIZER]** (p. 27) is recommended when shooting with the telephoto zoom.

### To take larger images without reducing image quality

#### **[FINE ZOOM]** (p. 26)

- The zoom bar appearance identifies the status of the fine zoom/digital zoom.

When using optical zoom and digital zoom



When using fine zoom



Fine zoom range

## Using the flash

The flash functions can be selected to best match the shooting conditions.

### 1 Press the button.



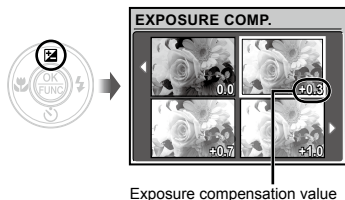
### 2 Use to select the setting option, and press the button to set.

| Item       | Description   |
|------------|---|
| FLASH AUTO | The flash fires automatically in low-light or backlight conditions.         |
| REDEYE     | Pre-flashes are emitted to reduce the occurrence of red eye in your photos. |
| FILL IN    | The flash fires regardless of the available light.                          |
| FLASH OFF  | The flash does not fire.  |

## Adjusting the brightness (Exposure compensation)

The standard brightness (appropriate exposure) set by the camera based on the shooting mode (except for **TAUTO**) can be adjusted brighter or darker to obtain a desired shot.

## 1 Press the button.



Exposure compensation value

## 2 Use to select the desired brightness, and press the button.

### **Shooting closeups (Macro shooting)**

This function enables the camera to focus and shoot subjects at close distances.

## 1 Press the button.




## 2 Use to select the setting option, and press the button to set.

| Item                      | Description   |
|---------------------------|---|
| OFF                       | Macro mode is deactivated.  |
| MACRO                     | This enables shooting as close as 10 cm/3.9 in. <sup>1)</sup> (60 cm/23.6 in. <sup>2)</sup> to the subject. |
| SUPER MACRO <sup>3)</sup> | This enables shooting as close as 3 cm/1.2 in. to the subject.  |

<sup>1)</sup> When the zoom is at the widest (W) position.

<sup>2)</sup> When the zoom is at the most telephoto (T) position.

<sup>3)</sup> The zoom is automatically fixed.

-  The flash (p. 20) and zoom (p. 20) cannot be set during macro shooting.

### **Using the self-timer**


After the shutter button is pressed all the way down, the picture is taken after a time delay.


## 1 Press the button.




## 2 Use to select the setting option, and press the button to set.

| Item | Description  |
|------|--|
| OFF  | This cancels the self-timer.   |
| ON   | The self-timer lamp turns on for approx. 10 seconds, then blinks for approx. 2 seconds, and then the picture is taken. |

-  Self-timer shooting is automatically canceled after one shot.

**To cancel the self-timer after it starts**  
Press the  button again.

### **Increasing the brightness of the monitor (Backlight boost)**

Press the  button in shooting mode. The monitor becomes brighter. If there is no operation for 10 seconds, the previous brightness resumes.

## Changing the shooting information display

The display of the screen information can be changed to best match the situation, such as for the need of clear view of the screen or for making a precise composition by using the grid display.

### 1 Press the DISP. button.

- The displayed shooting information changes in the order shown below each time the button is pressed. "Shooting mode display" (p. 8)

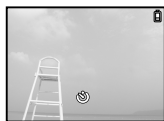
Normal



Grid



No information

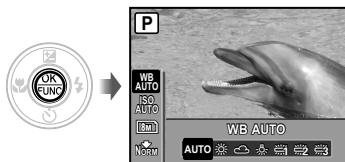


## Using the FUNC menu

The FUNC menu provides the following menu functions that can be quickly accessed, adjusted and set.

- [WB] (p. 26)
- [IMAGE QUALITY] (p. 25)
- [ISO] (p. 26)

### 1 Press the button.

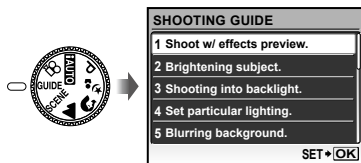


### 2 Use to select the menu function and to select the setting option, and then press the button to set.

## Selecting settings by following the shooting guide (GUIDE mode)

An on-screen guide is provided so users can easily select a desired camera setting and get the best results, such as brightening a subject or shooting into backlight.

### 1 Set the mode dial to GUIDE.



### 2 Follow the guide by using to proceed.

- Pressing the button completes the setting and makes the camera ready for shooting.



- To make another setting, press the **MENU** button. Functions set using the shooting guide will revert to the default settings.
- To shoot in a different mode, change the mode dial. Functions set using the shooting guide will revert to the default settings.

### To use the effects preview screen

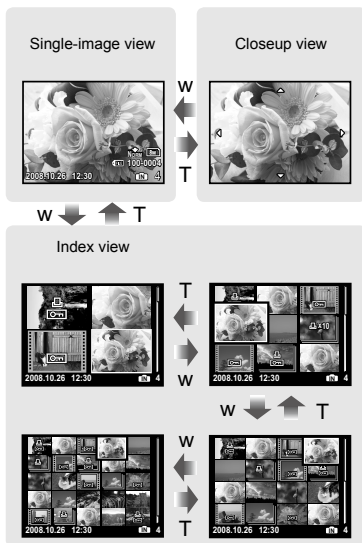
Selecting an option under [1 Shoot w/ effects preview.] shows 4 preview images that reflect the adjusted values of the selected shooting function. Use to select the desired image, and press the button.

# Using Playback Features

## Index view and closeup view

Index view enables quick selection of a target image. Closeup view (up to 10x magnification) allows checking of image details.

- 1 Turn the zoom lever to the W-side or T-side.



## To select an image in index view

Use to select an image, and press the button to display the selected image in single-image view.

## To scroll an image in closeup view

Use to move the viewing area.

## Changing the image information display

A set of shooting information displayed on the screen can be changed.

- 1 Press the DISP. button.

- The displayed image information changes in the order shown below each time the button is pressed.

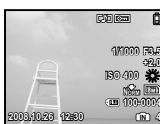
### Normal



### No information



### Detailed



## Playing back My Favorite images

### 1 Register images as My Favorite images.

- ! "Registering images to the internal memory as My Favorite images [★ MY FAVORITE]" (p. 30)

### 2 Press the MENU button during playback.

### 3 Use to select [MY FAVORITE], and press the button.

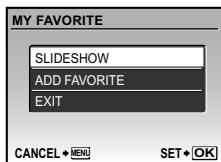
### 4 Use to select [VIEW FAVORITE], and press the button.






### 5 Use to select a My Favorite image.







#### To play back My Favorite images automatically (Slideshow)

- ① Press the MENU button while playing back My Favorite images.











- ② Use   to select [SLIDESHOW], and press the  button.




#### To register additional My Favorite images

- ① Press the MENU button while playing back My Favorite images.
- ② Use   to select [ADD FAVORITE], and press the  button.
- ③ Use   to select an image to register, and press the  button.

#### To erase registered My Favorite images

- ① Use     to select a My Favorite image, and press the  button.
- ② Use   to select [YES], and press the  button.
- ! Erasing a picture from My Favorite does not erase the original picture recorded in the internal memory or to the card.

#### To return to the normal playback

- ① Press the MENU button while playing back My Favorite images.
- ② Use   to select [EXIT], and press the  button.





# Menus for Shooting Functions

When the mode dial is set to a shooting mode (**IAUTO P** **SCENE** ), settings can be adjusted.



indicates positions of the mode dial at which the function can be set.



The default settings of the function are highlighted in .

## Selecting the appropriate image quality for your application [: **IMAGE QUALITY**]

### : **IMAGE QUALITY**

: **IAUTO P** **SCENE**

### Still images



JPEG (compression) images can be viewed and printed directly with a personal computer or other device.

| Submenu 1   | Submenu 2        | Application  |
|-------------|------------------|--|
| IMAGE SIZE  | 8M (3264×2448)   | Suitable for printing pictures over A3 (11×17 in.).                              |
|             | 5M (2560×1920)   | Suitable for printing pictures at A4 (8.5×11 in.).                               |
|             | 3M (2048×1536)   | Suitable for printing pictures up to A4 (8.5×11 in.).                            |
|             | 2M (1600×1200)   | Suitable for printing pictures at A5 (5×7 in.).                                  |
|             | 1M (1280×960)    | Suitable for printing pictures at postcard size.                                 |
|             | VGA (640×480)    | Suitable for viewing pictures on a TV or using pictures on emails and web sites. |
| COMPRESSION | 16:9 (1920×1080) | Suitable for playing pictures on wide screen TV.                                 |
|             | FINE             | Shooting at high quality.  |
|             | NORMAL           | Shooting at normal quality.  |

### Movies

| Submenu 1  | Submenu 2                                  | Application   |
|------------|--|---|
| IMAGE SIZE | VGA (640×480) / QVGA (320×240)             | Select the image quality based on the image size and frame rate. Higher frame rate provide smoother video images. |
| FRAME RATE | 30fps <sup>*1</sup> /  15fps <sup>*1</sup> |   |

<sup>\*1</sup> frames per second

## Adjusting to a natural color scheme [WB]

CAMERA MENU ► WB

: P SCENE

| Submenu 2 | Application   |
|-----------|---|
| AUTO      | The camera automatically adjusts the white balance according to the shooting scene. |
|           | • For shooting outdoors under a clear sky   |
|           | • For shooting outdoors under a cloudy sky  |
|           | • For shooting under tungsten lighting  |
|           | • For shooting under daylight fluorescent lighting (household lighting, etc.)       |
|           | • For shooting under neutral fluorescent lighting (desk lamps, etc.)                |
|           | • For shooting under white fluorescent lighting (offices, etc.)                     |

## Selecting the ISO sensitivity [ISO]

CAMERA MENU ► ISO

: P

- In the ISO setting, although smaller values result in less sensitivity, sharp images can be taken under fully lit conditions. Larger values result in higher sensitivity, and images can be taken at fast shutter speeds even under dimly lit conditions. High sensitivity introduces noise into the resulting picture, which may give it a grainy appearance.

| Submenu 2                                 | Application   |
|---|---|
| AUTO                                      | The camera automatically adjusts the sensitivity according to the shooting scene.   |
| HIGH ISO AUTO                             | The camera automatically adjusts to a higher sensitivity than [AUTO] to reduce blurring caused by camera shake and motion of the subject. |
| 64/100/200/400/800/1600/3200 <sup>1</sup> | The user selects the ISO sensitivity.   |

<sup>1</sup> If set to [3200], [IMAGE SIZE] is limited to [3M] or lower.

## Shooting at higher magnifications than optical zoom without reducing the image quality [FINE ZOOM]

CAMERA MENU ► FINE ZOOM

: P SCENE

| Submenu 2 | Application   |
|-----------|---|
| OFF       | Optical zoom and digital zoom are used to zoom in for shooting.                   |
| ON        | Optical zoom and image cropping are combined to zoom in for shooting (up to 25×). |

- This function will not reduce the image quality since it does not convert the data with fewer pixels into the data with larger pixels.
- When set to [ON], [IMAGE SIZE] is limited to [3M] or lower.
- When set to [ON], digital zoom is canceled automatically.
- This function is not available when SUPER MACRO (p. 21) is selected.



### Stabilizing the blurred image caused by the camera shake when shooting [IMAGE STABILIZER] (Still images)/ [DIS MOVIE MODE] (Movies)

CAMERA MENU ► IMAGE STABILIZER/ DIS MOVIE MODE

(Still images) : P SCENE

(Movies) :

| Submenu 2 | Application  |
|-----------|--|
| OFF       | The image stabilizer is deactivated. This is recommended for shooting when the camera is fixed in place on a tripod or other stable surface. |
| ON        | The image stabilizer is used for taking pictures.  |

- The default settings are [ON] for [IMAGE STABILIZER] (still images) and [OFF] for [DIS MOVIE MODE] (movies).
- Images may not be stabilized if camera shake is too severe.
- At very slow shutter speeds (for example when using still picture shooting mode or taking night photographs), some images may not acquire the proper stabilization effect.
- When [DIS MOVIE MODE] (movies) is set to [ON] during shooting, the recorded images will be slightly magnified.

### Recording sound when shooting (Still images/movies)

CAMERA MENU ►

(Still images) : P SCENE

(Movies) :

| Submenu 2 | Application           |
|-----------|-----------------------|
| OFF       | No sound is recorded. |
| ON        | Sound is recorded.    |

- The default settings are [OFF] for (still images) and [ON] for (movies).
- When recording, aim the **microphone** (p. 6) at the source of the sound you want to record.
- When (still images) is set to [ON], the camera automatically starts recording for approx. 4 seconds after taking the picture.
- When set to [ON], only the digital zoom can be used during movie recording. To record the movie with the optical zoom, set (movies) to [OFF].

### Creating panoramic images [PANORAMA]

CAMERA MENU ► PANORAMA

: P SCENE

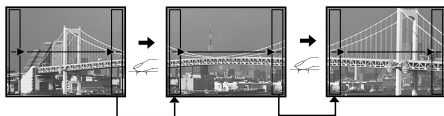
Panorama shooting lets you create a panoramic picture, using the OLYMPUS Master 2 software on the provided CD-ROM.

- An Olympus xD-Picture Card is required for panoramic shooting. Cards by other manufacturers do not support panoramic shooting.
- Panoramic shooting is not available using a microSD card in the microSD Attachment.
- The focus, exposure (p. 20), zoom position (p. 20), and [WB] (p. 26) are locked at the first frame.
- The flash (p. 20) is fixed to (FLASH OFF) mode.

① Use to select the direction that the frames are combined.

② Press the shutter button to take the first frame, and then compose the second shot.

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



③ Repeat Step ② until the number of required frames is taken, and then press the button when done.

❗ When the mark is displayed, you cannot continue shooting any further. Panorama shooting is possible for up to 10 frames.

❗ Refer to the OLYMPUS Master 2 help guide for details on how to make panorama images.

### Selecting the focusing area [AF MODE]

CAMERA MENU ► AF MODE

: P SCENE

| Submenu 2                 | Application  |
|---------------------------|--|
| FACE DETECT <sup>*1</sup> | This is used for taking pictures of people. The camera automatically detects and focuses on a face. A frame is displayed at the focusing position.               |
| iESP                      | This enables you to compose the shot without worrying about the focusing position. The camera finds the subject to focus on and automatically adjusts the focus. |
| SPOT                      | The camera focuses on the subject located within the AF target mark.   |

<sup>\*1</sup> For some subjects, the frame may not appear or may take some time to appear.

### Selecting a scene mode according to the shooting situation [ SCENE]

SCENE

: SCENE

- ❗ In SCENE modes, the optimum shooting settings are pre-programmed for specific shooting scenes. For this reason, settings may not be changed in some modes.

| Submenu 1   | Application  |
|---|--|
| NIGHT SCENE <sup>*1</sup> /<br>SPORT/ INDOOR/<br>CANDLE/ SELF<br>PORTRAIT/ SUNSET <sup>*1</sup> /<br>FIREWORKS <sup>*1</sup> /<br>BEHIND GLASS/<br>CUISINE/ DOCUMENTS/<br>AUCTION/ SMILE SHOT | The camera takes a picture in the mode for the shooting scene. |

<sup>\*1</sup> When the subject is dark, noise reduction is automatically activated. This approximately doubles the shooting time, during which no other pictures can be taken.

#### To select a mode

“Using the best mode for the shooting scene (, , , SCENE mode)” (p. 18)




## Restoring the shooting functions to the default settings [RESET]

RESET

: [AUTO P] SCENE

| Submenu 1 | Application  |
|-----------|--|
| YES       | <p>Restores the following menu functions to the default settings.</p> <ul style="list-style-type: none"> <li>• Flash (p. 20)</li> <li>• Exposure compensation (p. 20)</li> <li>• Macro (p. 21)</li> <li>• Self-timer (p. 21)</li> <li>• [IMAGE QUALITY] (p. 25)</li> <li>• [SCENE] (p. 28)</li> <li>• Shooting information display (p. 22)</li> <li>• Menu functions in [CAMERA MENU] (p. 25 to 28)</li> </ul> |
| NO        | The current settings are not changed.  |



# Menus for Playback, Editing, and Printing Functions

When the  button is pressed, settings can be adjusted during image playback.

## Playing back pictures automatically [ SLIDESHOW]




 SLIDESHOW

### To start a slideshow







After pressing the  button, the slideshow starts. To stop the slideshow, press the  button or the **MENU** button.

## Retouching images [ PERFECT FIX]

 PERFECT FIX




-  Edited or retouched images cannot be retouched again.
-  Depending on the picture, the editing may not be effective.
-  The retouching process may lower the image resolution.

| Submenu 1    | Application   |
|--------------|---|
| ALL          | [LIGHTING FIX] and [REDEYE FIX] are applied together.                   |
| LIGHTING FIX | Only sections darkened by backlighting and dim lighting are brightened. |
| REDEYE FIX   | Eyes that are reddened by the flash are corrected.                      |







- Use   to select a correction method, and press the  button.
- Use   to select an image for retouching, and press the  button.
  - The retouched image is saved as a separate image.

## Registering images to the internal memory as My Favorite images [★ MY FAVORITE]



★ MY FAVORITE

-  Up to 9 images can be registered.
-  “Playing back My Favorite images” (p. 24)
-  The registered My Favorite images can be used for the background image in the startup screen. [PW ON SETUP] (p. 35)

### To register images as My Favorite images

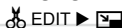
- Use   to select [SET], and press the  button.
- Use   to select an image to register, and press the  button.
  - The selected image is registered to the internal memory as a separate My Favorite image.



-  Registered pictures cannot be erased even by formatting the internal memory.
-  The following is not available for registered My Favorite images: Editing, printing, backup to a card, transferring to a computer, and playback on a computer.

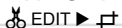


### Changing the image size [Y]



| Submenu 2      | Application  |
|----------------|--|
| VGA 640 × 480  | This saves a high-resolution image as a separate image with a smaller size for use in e-mail attachments and other applications. |
| QVGA 320 × 240 |  |

### Cropping a picture [F]



- Use to select an image, and press the button.
- Use the zoom lever to select the size of the cropping frame, and use to move the frame.



- Press the button.
  - The edited image is saved as a separate image.

### Changing the facial expression [EXPRESSION EDIT]



- A face that is largest and facing front in the picture is detected as a target. In some images, such target may not be detected, and editing cannot be performed.
- Use to select an image, and press the button.
    - The edited images are displayed in quadruplicate.
  - Use to select the desired edited image, and press the button.
    - The selected image is saved as a separate image.

### Highlighting a face with blurry effect around it [FACE FOCUS]



- A face that is largest and facing front in the picture is detected as a target. In some images, such target may not be detected, and editing cannot be performed.
- Use to select an image, and press the button.
    - The edited image is saved as a separate image.

## Creating an index of 9 frames from a movie [INDEX]

✂ EDIT ► INDEX



- 1 Use to select a movie, and press the button.
- 2 Use to select the first frame, and press the button.
- 3 Use to select the last frame, and press the button.
  - 9 frames are extracted from a movie and saved as a new still image (INDEX).

## Cutting a part of the movie [EDIT]

✂ EDIT ► EDIT

- 1 Use to select a movie.
- 2 Use to select [NEW FILE] or [OVERWRITE], and press the button.
- 3 Use to select the first frame, and press the button.
- 4 Use to select the last frame, and press the button.

## Protecting images [O-N]

▶ PLAYBACK MENU ► O-N

- ! Protected images cannot be erased by [ERASE] (p. 17), [SEL. IMAGE], or [ALL ERASE] (p. 33), but all images are erased by [MEMORY FORMAT]/[FORMAT] (p. 34).

| Submenu 2 | Application  |
|-----------|--|
| OFF       | Images can be erased.  |
| ON        | Images are protected so that they cannot be erased except by formatting of the internal memory/card. |

- 1 Use to select an image.
- 2 Use to select [ON].
- 3 If necessary, repeat Steps 1 and 2 to protect other images, and press the button.

## Rotating images [↻]

▶ PLAYBACK MENU ► ↻

| Submenu 2 | Application                                 |
|-----------|---|
| +90°      | The image is rotated 90° clockwise.         |
| 0°        | The image is not rotated.                   |
| -90°      | The image is rotated 90° counter-clockwise. |

- 1 Use to select an image.
  - 2 Use to select the rotation direction.
  - 3 If necessary, repeat Steps 1 and 2 to make settings for other images, and press the button.
- ! The new picture orientations will be saved even after the power is turned off.





## Adding sound to still images [U]

▶ PLAYBACK MENU ▶ U

| Submenu 2 | Application   |
|-----------|---|
| YES       | The camera adds (records) sound for approx. 4 seconds while playing back the image. This is useful for recording notes or comments about the image. |
| NO        | No sound is recorded.   |

- Use to select an image.
- Aim the microphone towards the sound source.



- Use to select [YES], and press the button.
  - Recording starts.

## Erasing images [E ERASE]

E ERASE

| Submenu 1  | Application   |
|------------|---|
| SEL. IMAGE | Images are individually selected and erased.          |
| ALL ERASE  | All images in the internal memory or card are erased. |

## To individually select and erase images [SEL. IMAGE]

- Use to select [SEL. IMAGE], and press the button.
- Use to select the image to be erased, and press the button to add a ✓ mark to the image.



- Repeat Step ② to select the images to be erased, and then press the button to erase the selected images.
- Use to select [YES], and press the button.
  - The images with a ✓ mark are erased.

## To erase all images [ALL ERASE]

- Use to select [ALL ERASE], and press the button.
- Use to select [YES], and press the button.

## Saving print settings to the image data [P PRINT ORDER]

P PRINT ORDER

- ! "Print reservations (DPOF)" (p. 41)
- ! Print reservation can be set only for still images that are recorded to a card.

# Menus for Other Camera Settings

These settings can be made when the mode dial is set to a position other than **GUIDE**.

## Erasing data completely [MEMORY FORMAT]/[FORMAT]

⇧ SETUP ▶ MEMORY FORMAT/FORMAT

- ! Before formatting, check that no important data is left in the internal memory or card.
- ! Non-Olympus cards and cards that have been formatted by a computer must be formatted with this camera before use.

| Submenu 2 | Application  |
|-----------|--|
| YES       | Completely erases the image data in the internal memory <sup>1</sup> or card (including protected images). |
| NO        | Cancels formatting.  |

<sup>1</sup> Be sure to remove the card before formatting the internal memory.

## Copying images in the internal memory to the card [BACKUP]

⇧ SETUP ▶ BACKUP

| Submenu 2 | Application   |
|-----------|---|
| YES       | Backs up image data in the internal memory to the card. |
| NO        | Cancels the backup.                                     |

- ! It takes some time to back up data. Check that the battery has sufficient power before starting the backup.

## Changing the display language [E]

⇧ SETUP ▶ [E]

- ! "Changing the display language" (p. 13)

| Submenu 2              | Application   |
|------------------------|---|
| Languages <sup>1</sup> | The language for the menus and error messages displayed on the monitor is selected. |


<sup>1</sup> The available languages vary depending on the country and/or region where the camera was purchased.

## Adjusting the CCD and adjusting the image processing function [PIXEL MAPPING]

⇧ SETUP ▶ PIXEL MAPPING

- ! This function has already been adjusted at factory shipping, and no adjustment is needed right after purchase. Approximately once a year is recommended.
- ! For best results, wait at least one minute after taking or viewing pictures before performing pixel mapping. If the camera is turned off during pixel mapping, be sure to perform it again.



### To adjust the CCD and to adjust the image processing function

Press the  button when [START] (Submenu 2) is displayed.

- The camera checks and adjusts the CCD and the image processing function at the same time.

## Turning on the camera with the or button [/]

⇧ SETUP ▶  

| Submenu 2 | Application  |
|-----------|--|
| YES       | Pressing the  button turns on the camera and starts the camera in the shooting mode. Pressing the  button turns on the camera and starts the camera in the playback mode. |
| NO        | The power is not turned on. To turn on the camera, press the <b>POWER</b> button.  |



## Setting the startup display screen and sound when the camera is turned on [PW ON SETUP]

⇧ SETUP ► PW ON SETUP

| Submenu 2 | Submenu 3                   | Application   |
|-----------|-----------------------------|---|
| SCREEN    | OFF                         | No image is displayed.  |
|           | 1                           | A preset image <sup>*1</sup> is displayed.  |
|           | 2                           | A still image stored in the internal memory or card is registered for display. (This option leads to the setup screen.) |
|           | MY FAVORITE                 | My Favorite image (p. 30) is displayed. (This option leads to the setup screen.)  |
| VOLUME    | OFF (No sound)/<br>LOW/HIGH | The volume of the startup sound is selected.  |

\*1 This image cannot be changed.

### To register a startup image

- 1 Select [2] or [MY FAVORITE] in submenu 3 for [SCREEN].
- 2 Use to select the image to be registered, and press the button.

## Selecting the menu screen color and background [MENU COLOR]

⇧ SETUP ► MENU COLOR

| Submenu 2                          | Application   |
|------------------------------------|---|
| NORMAL/COLOR 1/<br>COLOR 2/COLOR 3 | Selects the menu screen color or background image according to your preference. |

## Selecting the camera sound and its volume [SOUND SETTINGS]

⇧ SETUP ► SOUND SETTINGS

To turn off all sounds at once, make the setting from [ SILENT MODE] (p. 37).

| Submenu 2     | Submenu 3                               | Submenu 4                   | Application   |
|---------------|---|-----------------------------|---|
| BEEP          | SOUND TYPE                              | 1/2                         | Selects the operating sound and volume of the camera buttons (except the shutter button). |
|               | VOLUME                                  | OFF (No sound)/<br>LOW/HIGH |   |
| SHUTTER SOUND | SOUND TYPE                              | 1/2/3                       | Selects the operating sound and volume of the shutter button.                             |
|               | VOLUME                                  | OFF (No sound)/<br>LOW/HIGH |   |
| ))            | OFF (No sound)/<br>LOW/HIGH             | —                           | Adjusts the warning sound volume.   |
| VOLUME        | OFF (No Sound) or<br>5 levels of volume | —                           | Adjusts the image playback volume.  |

## Adjusting the brightness of the monitor [ ]

Y T SETUP ▶ [ ]

| Submenu 2         | Application  |
|-------------------|--|
| BRIGHT/<br>NORMAL | Select the monitor brightness depending on the surrounding brightness. |

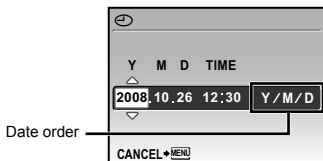
## Setting the date and time [ ]

Y T SETUP ▶ [ ]

! “Setting the date and time” (p. 13)

### To select the date and time display order

- Press [ ] after setting Minute, and use [ ] [ ] to select the date display order.



## Selecting the video signal system to match your TV [VIDEO OUT]

Y T SETUP ▶ VIDEO OUT

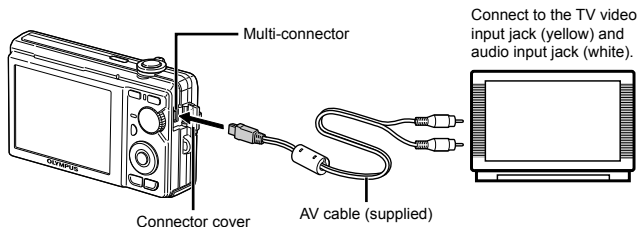
- ! The TV video signal system varies depending on the countries and regions. Before viewing camera images on your TV, select the video output according to your TV's video signal type.

| Submenu 2 | Application  |
|-----------|--|
| NTSC      | Connecting the camera to a TV in North America, Taiwan, Korea, Japan, and so on. |
| PAL       | Connecting the camera to a TV in European countries, China, and so on.           |

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

### To play back camera images on a TV

- Connect the TV and camera.





- ② Use the camera to select the same video signal system as the one of connected TV ([NTSC]/[PAL]).
- ③ Turn on the TV, and change "INPUT" to "VIDEO (an input jack connected to the camera)."
- ❗ For details on changing the input source of the TV, refer to the TV's instruction manual.
- ④ Press the button, and use to select the image for playback.
- ❗ Depending on the TV's settings, the displayed images and information may become cropped.

### **Saving battery power between shots** **[POWER SAVE]**

SETUP POWER SAVE

| Submenu 2 | Application  |
|-----------|--|
| OFF       | Cancels [POWER SAVE].  |
| ON        | When the camera is not being used for approx. 10 seconds, the monitor automatically turns off to save battery power. |

#### **To resume standby mode**

Press any button, or turn the mode dial or zoom lever.

### **Turning off the camera sounds** **[ SILENT MODE]**

SILENT MODE

| Submenu 1 | Application  |
|-----------|--|
| OFF       | Settings in [ <b>SOUND SETTINGS</b> ] (p. 35) become effective.                                      |
| ON        | The electronic sounds (operating sound, shutter sound, warning sound) and playback sounds are muted. |

❗ [**SOUND SETTINGS**] (p. 35)

# Printing

## Direct printing (PictBridge<sup>TM</sup>)

By connecting the camera to a PictBridge-compatible printer, you can print images directly without using a computer.

To find out if your printer supports PictBridge, refer to the printer's instruction manual.

<sup>1</sup> PictBridge is a standard for connecting digital cameras and printers of different makers and printing out pictures directly.

! The printing modes, paper sizes, and other parameters that can be set with the camera vary depending on the printer that is used. For details, refer to the printer's instruction manual.

! For details on the available paper types, loading paper, and installing ink cassettes, refer to the printer's instruction manual.

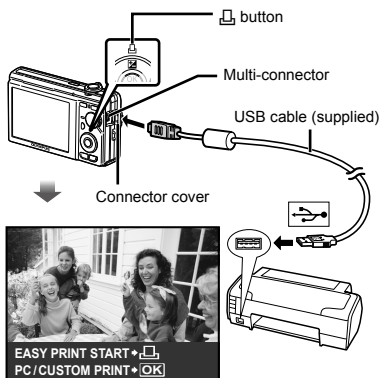
## Printing images at the printer's standard settings [EASY PRINT]

### 1 Display the image to be printed on the monitor.

! "Viewing images" (p. 16)

! Printing can also be started when the camera is turned off. After performing Step 2, use  $\leftarrow$   $\rightarrow$  to select [EASY PRINT], press the  $\odot$  button. Use  $\leftarrow$   $\rightarrow$  to select an image, and proceed to Step 3.

### 2 Turn on the printer, and then connect the printer and camera.



### 3 Press the $\odot$ button to start printing.


### 4 To print another image, use $\leftarrow$ $\rightarrow$ to select an image, and press the $\odot$ button.

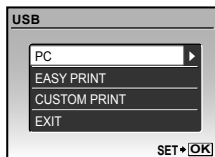
#### To exit printing



After a selected image is displayed on the screen, disconnect the USB cable from the camera and printer.



## Changing the printer's settings for printing [CUSTOM PRINT]

- 1 Follow Steps 1 and 2 for [EASY PRINT] (p. 38), and press the  button.






- 2 Use   to select [CUSTOM PRINT], and press the  button.

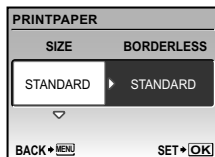
- 3 Use   to select the print mode, and press the  button.




| Submenu 2                 | Application   |
|---------------------------|---|
| PRINT                     | This prints the image selected in Step 6.                                 |
| ALL PRINT                 | This prints all images stored in the internal memory or card.             |
| MULTI PRINT               | This prints one image in a multiple layout format.                        |
| ALL INDEX                 | This prints an index of all images stored in the internal memory or card. |
| PRINT ORDER <sup>*1</sup> | This prints images based on the print reservation data on the card.       |

<sup>\*1</sup> [PRINT ORDER] is available only when print reservations have been made. "Print Reservations (DPOF)" (p. 41)

- 4 Use   to select [SIZE] (Submenu 3), and press .

- ! If the [PRINTPAPER] screen is not displayed, the [SIZE], [BORDERLESS], and [PICS/SHEET] are set to the printer's standard.



- 5 Use   to select the [BORDERLESS] or [PICS/SHEET] settings, and press the  button.

| Submenu 4   | Application  |
|---|--|
| OFF/ON <sup>*1</sup>  | The image is printed with a border around it ([OFF]).<br>The image is printed to fill the entire paper ([ON]). |
| (The number of images per sheet varies depending on the printer.) | The number of images per sheet ([PICS/SHEET]) is selectable only when [MULTI PRINT] is selected in Step 3.     |

<sup>\*1</sup> The available settings for [BORDERLESS] vary depending on the printer.






- ! If [STANDARD] is selected in Steps 4 and 5, the image is printed at the printer's standard settings.

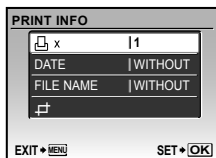




## 6 Use to select an image.

## 7 Press the button to make a print reservation for the current image. Press to make the detailed printer settings for the current image.






### To make the detailed printer settings

- Use     to make the settings, and press the  button.






| Submenu 5   | Submenu 6                                    | Application   |
|---|--|---|
|  x | 1 to 10                                      | This selects the number of prints.  |
| DATE  | WITH/<br>WITHOUT                             | Selecting [WITH] prints the images with the date.<br>Selecting [WITHOUT] prints the images without the date.          |
| FILE NAME   | WITH/<br>WITHOUT                             | Selecting [WITH] prints the file name on the image.<br>Selecting [WITHOUT] does not print any file name on the image. |
|    | (Proceeds to the setting screen. See below.) | This selects a portion of the image for printing.   |

## To crop an image ()

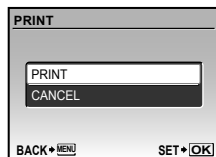
- Use the zoom lever to select the size of the cropping frame, use     to move the frame, and then press the  button.



- Use   to select [OK], and press the  button.

## 8 If necessary, repeat Steps 6 to 7 to select the image to be printed, make the detailed settings, and set [SINGLEPRINT].

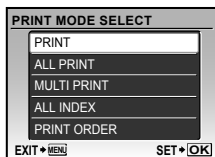
## 9 Press the button.





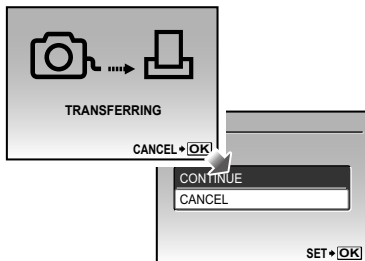
**10** Use to select [PRINT], and press the button.

- Printing starts.
- When [OPTION SET] is selected in [ALL PRINT] mode, [PRINT INFO] screen is displayed.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.



**To cancel printing**

- 1 When [TRANSFERRING] is displayed, press the button. Use to select [CANCEL], and then press the button again.



**11** Press the MENU button.

**12** When the message [REMOVE USB CABLE] is displayed, disconnect the USB cable from the camera and printer.

**Print Reservations (DPOF<sup>1</sup>)**

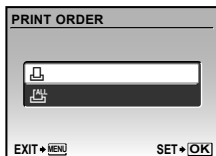
In print reservations, the number of prints and date imprint option are saved in the image on the card. This enables easy printing at a printer or print shop supporting DPOF by using only the print reservations on the card without a computer or a camera.

<sup>1</sup> DPOF is a standard for storing automatic printout information from digital cameras.

- ! Print reservations can be set only for the images stored on the card. Insert a card with recorded images before making print reservations.
- ! DPOF reservations set by another DPOF device cannot be changed by this camera. Make changes using the original device. Making new DPOF reservations with this camera will erase the reservations made by the other device.
- ! DPOF print reservations can be made for up to 999 images per card.

## Single-frame print reservations [ ]

- 1 Press the button, and then press the MENU button to display the top menu.
- 2 Use , , , and to select [ ]PRINT ORDER], and press the button.



- 3 Use , to select [ ]], and press the button.



- 4 Use , to select the image for print reservation. Use , to select the quantity. Press the button.



### To crop an image for printing

Make the cropping settings before pressing the button in Step 4. “To crop an image ( )” (p. 40)

- 5 Use , to select the [ ] (date print) screen option, and press the button.

| Submenu 2 | Application                                   |
|-----------|---|
| NO        | This prints the image only.                   |
| DATE      | This prints the image with the shooting date. |
| TIME      | This prints the image with the shooting time. |



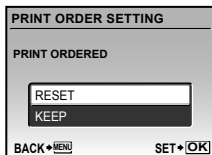
- 6 Use , to select [SET], and press the button.

## Reserving one print each of all images on the card [ALL]

- 1 Follow Steps 1 and 2 in [ ] (p. 42).
- 2 Use to select [ALL], and press the button.
- 3 Follow Steps 5 to 6 in [ ].
  - ! Cropping is not available in [ALL].

## Resetting all print reservation data

- 1 Press the button, and then press the MENU button to display the top menu.
- 2 Use to select [ ]PRINT ORDER], and press the button.
- 3 Select either [ ] or [ALL], and press the button.



- 4 Use to select [RESET], and press the button.

## Resetting the print reservation data for selected images

- 1 Follow Steps 1 and 2 of “Resetting all print reservation data” (p. 43).
- 2 Use to select [ ], and press the button.
- 3 Use to select [KEEP] and press the button.
- 4 Use to select the image with the print reservation you want to cancel. Use to set the print quantity to “0”.
- 5 If necessary, repeat Step 4, and then press the button when finished.
- 6 Use to select the [ ] (date print) screen option, and press the button.
  - The settings are applied to the remaining images with the print reservation data.
- 7 Use to select [SET], and press the button.

# Using OLYMPUS Master 2

## System requirements and installation of OLYMPUS Master 2

Install the OLYMPUS Master 2 software by referring to the included installation guide.

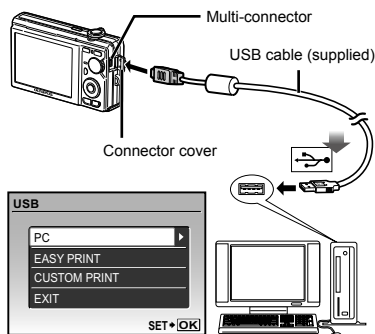
## Connecting the camera to a computer

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

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

### 2 Connect the camera to a computer.

- The camera automatically turns on.



- ! Locate the position of the USB port by referring to your computer's instructions manual.

### 3 Use to select [PC], and press the button.


- The computer automatically detects the camera as a new device on the first connection.

## Windows

After the computer detects the camera, a message indicating the completion of the setting appears. Confirm the message and click "OK". The camera is recognized as a removable disk.

## Macintosh


When iPhoto has started, exit iPhoto and start OLYMPUS Master 2.

- ! While the camera is connected to the computer, shooting functions are disabled.
- ! Connecting the camera to a computer via a USB hub may cause unstable operation.
- ! When [MTP] is set for the submenu that appears by pressing  after selecting [PC] in Step 3, images cannot be transferred to a computer using OLYMPUS Master 2.

## Starting OLYMPUS Master 2

### 1 Double-click the OLYMPUS Master 2 icon.

## Windows


 appears on the desk top.

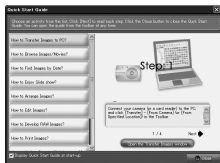
## Macintosh

 appears in the OLYMPUS Master 2 folder.

- Browse window appears after starting the software.
- ! When you start OLYMPUS Master 2 for the first time after installation, "Default Settings" and "Registration" screen appear. Follow the instructions on the screen.

## **Operating OLYMPUS Master 2**

When OLYMPUS Master 2 is started, Quick Start Guide appears on the screen that helps you to handle the camera without any question. When the Quick Start Guide is not displayed, click  in the tool bar to show the Guide.




For details on the operation, refer to the help guide of the software.

## **Transferring and saving images without using OLYMPUS Master 2**

This camera is compatible with the USB Mass Storage Class. You can transfer and save the image data on your computer while the camera and the computer are connected.

### **System requirements**

Windows : Windows 2000 Professional/  
XP Home Edition/  
XP Professional/Vista  
Macintosh : Mac OS X v10.3 or later

- ! On a computer running Windows Vista, if [MTP] is set for the submenu that appears by pressing  after selecting [PC] in Step 3 of "Connecting the camera to a computer" (p. 44), Windows Photo Gallery will become available.
- ! Even if a computer has USB ports, proper operation is not guaranteed in the following cases.
  - computers with USB ports installed using an expansion card, etc.
  - computers without a factory-installed OS and home-built computers

# Usage Tips

If the camera does not work as intended, or if an error message is displayed on the screen, and you are unsure of what to do, refer to the information below to fix the problem(s).

## Troubleshooting

### Battery

**“The camera does not work even when batteries are installed”.**

- Insert recharged batteries in the correct direction.

**“Charging the battery” (p. 10), “Loading the battery and the xD-Picture Card™ (sold separately) into the camera” (p. 11)**

- Battery performance may have been reduced temporarily due to low temperature. Take the batteries out of the camera, and warm them by putting them in your pocket for a while.

### Card/Internal memory

**“An error message is displayed”.**

**“Error message” (p. 47)**


### Shutter button

**“No picture is taken when the shutter button is pressed”.**

- Cancel sleep mode.

To save battery power, the camera automatically goes into sleep mode and the monitor turns off if there is no operation for 3 minutes when the camera is turned on. No picture is taken even if the shutter button is fully pressed in this mode. Operate the zoom lever or other buttons to restore the camera from sleep mode before taking a picture. If the camera is left on for 12 minutes, it automatically turns off. Press the **POWER** button to turn the camera on.

- Set the mode dial to a position other than **GUIDE**.

- Wait until  (flash charge) stops blinking before taking pictures.

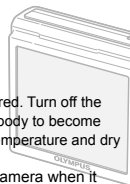
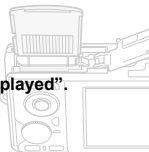
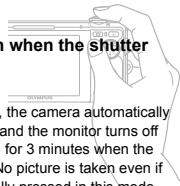
- With prolonged camera use, the internal temperature may increase, resulting in automatic shutdown. If this occurs, remove the battery from the camera and wait until the camera has sufficiently cooled. The camera's external temperature may also increase during use, however this is normal and does not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

### Monitor

**“Difficult to see”.**

- Condensation<sup>1</sup> may have occurred. Turn off the power, and wait for the camera body to become acclimated to the surrounding temperature and dry out before taking pictures.

<sup>1</sup> Dew drops can form in the camera when it is suddenly taken from a cold location into a warm, humid room.



### “Vertical lines appear on the screen”.

- Vertical lines may appear on the screen when the camera is pointed at an extremely bright subject under a clear sky and so on. The lines do not appear, however, in the final image.

### “The light is caught in the picture”

- Shooting with flash in dark situations results in an image with many flash reflections on dust in the air.

### Date and time function

#### “Date and time settings return to the default setting”.





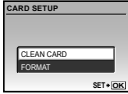









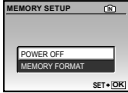








- If the batteries are removed and left out of the camera for about three days<sup>2</sup>, the date and time settings return to the default setting, and must be reset.  
<sup>2</sup> The time until the date and time settings return to the default setting varies depending on how long the batteries have been loaded.










“Setting the date and time” (p. 13)



## Error message

- ! When one of the messages below is displayed on the monitor, check the corrective action.

| Error message  | Corrective action   |
|--|---|
| <br><b>CARD ERROR</b>     | <b>Card problem</b><br>Insert a new card.   |
| <br><b>WRITE PROTECT</b>  | <b>Card problem</b><br>Use a computer to cancel the read-only setting.  |
| <br><b>MEMORY FULL</b>    | <b>Internal memory problem</b> <ul style="list-style-type: none"><li>• Insert a card.</li><li>• Erase unwanted images.<sup>1</sup></li></ul>  |
| <br><b>CARD FULL</b>      | <b>Card problem</b> <ul style="list-style-type: none"><li>• Replace the card.</li><li>• Erase unwanted images.<sup>1</sup></li></ul>  |
|                           | <b>Card problem</b> <ul style="list-style-type: none"><li>• Use   to select [CLEAN CARD], and press the  button. Take out the card, wipe the contact area (p. 52) with a soft, dry cloth, and then load the card again.</li><li>• Use   to select [FORMAT], and press the  button. Next, use   to select [YES], and press the  button.<sup>2</sup></li></ul> |
|                           | <b>Internal memory problem</b><br>Use   to select [MEMORY FORMAT], and press the  button. Next, use   to select [YES], and press the  button. <sup>2</sup>  |
| <br><b>NO PICTURE</b>     | <b>Internal memory/Card problem</b><br>Take pictures before viewing them.   |
| <br><b>PICTURE ERROR</b> | <b>Problem with selected image</b><br>Use photo retouch software, etc. to view the image on a computer. If the image still cannot be viewed, the image file is corrupted.   |

|  |  |
|--|--|
| <br><b>THE IMAGE CANNOT BE EDITED</b> | <b>Problem with selected image</b><br>Use photo retouch software, etc. to edit the image on a computer.                          |
| <br><b>CARD-COVER OPEN</b>            | <b>Operation problem</b><br>Close the battery/card compartment cover.  |
| <br><b>BATTERY EMPTY</b>              | <b>Battery problem</b><br>Charge the battery.  |
| <br><b>NO CONNECTION</b>              | <b>Connection problem</b><br>Connect the camera and computer or printer correctly.   |
| <br><b>NO PAPER</b>                   | <b>Printer problem</b><br>Load paper into the printer.   |
| <br><b>NO INK</b>                     | <b>Printer problem</b><br>Refill the ink in the printer.   |
| <br><b>JAMMED</b>                     | <b>Printer problem</b><br>Remove the jammed paper.   |
| <b>SETTINGS CHANGED</b> <sup>3</sup>   | <b>Printer problem</b><br>Return to the status where the printer can be used.  |
| <br><b>PRINT ERROR</b>                | <b>Printer problem</b><br>Turn off the camera and printer, check the printer for any problems, and then turn the power on again. |
| <br><b>CANNOT PRINT</b> <sup>4</sup>  | <b>Problem with selected image</b><br>Use a computer to print.   |

<sup>1</sup> Before erasing important images, download them to a computer.

<sup>2</sup> All data will be erased.

<sup>3</sup> This is displayed, for instance, when the printer's paper tray has been removed. Do not operate the printer while making the print settings on the camera.

<sup>4</sup> This camera may be unable to print images taken by other cameras.

## Shooting tips

When you are unsure of how to take a picture that you envision, refer to the information below.

### Focusing



#### "Focusing on the subject"

- Taking a picture of a subject not in the center of the screen

After focusing on an object at the same distance as the subject, compose the shot, and take the picture.

Pressing the shutter button halfway (p. 15)

- Set [AF MODE] (p. 28) to [IESP].
- Taking a picture of subjects where autofocus is difficult

In the following cases, after focusing on an object (by pressing the shutter button halfway down) with high contrast at the same distance as the subject, compose the shot, and take the picture.

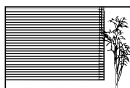
Subjects with low contrast



When extremely bright objects appear in the center of the screen



Object with no vertical lines<sup>1</sup>



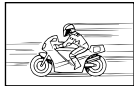
<sup>1</sup> It is also effective to compose the shot by holding the camera vertically to focus, and then returning to the horizontal position to take the picture.



When objects are at different distances



Fast-moving object



The subject is not in the center of the frame



## Camera shake





### “Taking pictures without camera shake”

- Taking pictures using [IMAGE STABILIZER] (p. 27).

The CCD<sup>†</sup> shifts to correct for camera shake even if the ISO speed is not increased. This function is also effective when taking pictures at a high zoom magnification.

<sup>†</sup> A device that captures and converts light coming through the camera lens into electrical signals.

- Select  (SPORT) in SCENE mode (p. 28)

The  (SPORT) mode uses a fast shutter speed and can reduce the blur incurred by a moving subject.

- Taking pictures at a high ISO sensitivity

If a high ISO sensitivity is selected, pictures can be taken at a high shutter speed even at locations where a flash cannot be used.

[ISO] (p. 26)

## Exposure (brightness)



### “Taking pictures with the right brightness”


- Taking pictures using [FACE DETECT] for [AF MODE] (p. 28)

Appropriate exposure is obtained for a face against the backlight, and the face is brightened.

- Taking pictures using [FILL IN] (p. 20) flash

A subject against the backlight is brightened.

- Taking pictures using exposure compensation (p. 20)

Adjust the brightness while viewing the screen for taking the picture. Normally, taking pictures of white subjects (such as snow) results in images that are darker than the actual subject. Use the  button to adjust in the positive direction to express whites as they appear.

When taking pictures of black subjects, on the other hand, it is effective to adjust in the negative direction.

## Color hue



### “Taking pictures with colors at the same shade as they appear”

- Taking pictures by selecting [WB] (p. 26)

Best results in most environments can normally be obtained with the AUTO setting, but for some subjects, you should try experimenting with different settings. (This is especially true for sunshade under a clear sky, mixed natural and artificial light settings, and so on.)

- Taking pictures using [FILL IN] (p. 20) flash

Use of the flash is also effective for shooting under fluorescent and other artificial lighting.

## Image quality



### Taking sharper pictures

- **Taking pictures with the optical zoom**

Avoid using digital zoom (p. 20) to take pictures.

- **Taking pictures at a low ISO sensitivity**

If the picture is taken with a high ISO sensitivity, noise (small colored spots and color unevenness that were not in the original image) can occur, and the image can appear grainy. The resulting image is grainier than with a low ISO sensitivity as well.

[ISO] (p. 26)

## Batteries



### “Making batteries last longer”

- **Avoid any of the following operations when not actually taking pictures because they deplete the battery power.**

- Repeatedly pressing the shutter button halfway
- Repeatedly using the zoom

- Set [POWER SAVE] (p. 37) to [ON].

## Playback/Editing tips

### Playback



#### “Playing images in the internal memory”

- **Removing the card from the camera**

“Removing the xD-Picture Card” (p. 11).

#### “Using the microSD Card”

“Using the microSD card/microSDHC card (sold separately)” (p. 12)

### Editing



#### “Erasing the sound recorded to a still image”

- **Record over the sound with silence when playing back the image**

“Adding sound to still images [🔊]” (p. 33)

# Appendix

## Camera care

### 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.
  - ! 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 and card, and keep in a cool, dry place that is well ventilated.
- Periodically insert the battery and test the camera functions.
  - ! Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

## Battery and charger

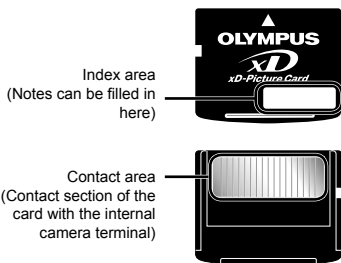
- This camera uses one Olympus lithium ion battery (LI-60B). No other type of batteries can be used.
- Power consumption by the camera varies depending on which functions are used.
- During the conditions described below, power is consumed continuously and the battery becomes exhausted quickly.
  - The 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 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-60C charger before use.
- The provided rechargeable battery usually takes approximately 2.5 hours to charge (varies on usage).
- The supplied LI-60C battery charger is used only for LI-60B battery. Do not charge any other type of battery with the supplied battery charger. It might cause explosion, leaking, overheating or fire.

## Using your charger abroad

- The charger can be used in most home electrical sources within the range of 100 V to 240 V AC (50/60Hz) around the world. However, depending on the country or area you are in, the AC wall outlet may be shaped differently and the charger may require a plug adapter to match the 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.

## Using an xD-Picture Card

A card (and internal memory) also corresponds to the film that records images in a film camera. Otherwise, the recorded images (data) can be erased, and retouching is also available with the use of a computer. Cards can be removed from the camera and exchanged, but this is not possible with the internal memory. Use of larger capacity cards enables you to take more pictures.



⚠ Do not touch the contact area directly.

## Cards compatible with this camera

xD-Picture Card (16MB to 2GB) (TypeH/M/M+, Standard)

## Using a new card


Before using a non-Olympus card or a card that was used for another purpose in a computer or other device, use **[MEMORY FORMAT]/[FORMAT]** (p. 34) to format the card.

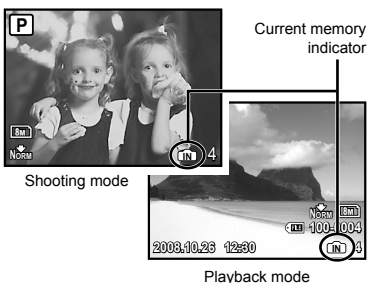
## Checking the image saving location

The memory indicator shows whether the internal memory or card is being used during shooting and playback.

## Current memory indicator

 Internal memory is being used

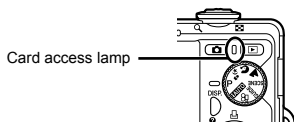
 None: Card is being used



⚠ Even if **[MEMORY FORMAT]/[FORMAT]**, **[ERASE]**, **[SEL. IMAGE]**, or **[ALL ERASE]** is performed, the data in the card is not completely erased. When disposing of the card, damage the card to prevent the disclosure of personal data.

## Readout/recording process of the card

Never open the battery/card compartment cover while the camera is reading or writing data, which is indicated by blinking of the card access lamp. This can not only damage the image data but also render the internal memory or card unusable.



## Number of storable pictures (still pictures)/recording length (movies) in the internal memory and xD-Picture Card

### Still images

| IMAGE SIZE |           | COMPRES-<br>SION | Number of storable still pictures |               |                             |               |
|------------|-----------|------------------|-----------------------------------|---------------|-----------------------------|---------------|
|            |           |                  | Internal memory                   |               | Using a 1GB xD-Picture Card |               |
|            |           |                  | With sound                        | Without sound | With sound                  | Without sound |
| 8M         | 3264×2448 | FINE             | 12                                | 12            | 253                         | 255           |
|            |           | NORM             | 23                                | 24            | 492                         | 499           |
| 5M         | 2560×1920 | FINE             | 19                                | 19            | 404                         | 410           |
|            |           | NORM             | 37                                | 38            | 770                         | 789           |
| 3M         | 2048×1536 | FINE             | 31                                | 31            | 646                         | 659           |
|            |           | NORM             | 60                                | 62            | 1,254                       | 1,305         |
| 2M         | 1600×1200 | FINE             | 49                                | 51            | 1,031                       | 1,066         |
|            |           | NORM             | 93                                | 99            | 1,938                       | 2,063         |
| 1M         | 1280×960  | FINE             | 75                                | 79            | 1,560                       | 1,640         |
|            |           | NORM             | 140                               | 154           | 2,907                       | 3,198         |
| VGA        | 640×480   | FINE             | 237                               | 280           | 4,920                       | 5,814         |
|            |           | NORM             | 385                               | 513           | 7,995                       | 10,660        |
| 16:9       | 1920×1080 | FINE             | 46                                | 47            | 954                         | 984           |
|            |           | NORM             | 88                                | 93            | 1,827                       | 1,938         |

### Movies

| IMAGE SIZE |         | FRAME<br>RATE | Continuous recording length |                |                              |                              |
|------------|---------|---------------|-----------------------------|----------------|------------------------------|------------------------------|
|            |         |               | Internal memory             |                | Using a 1 GB xD-Picture Card |                              |
|            |         |               | With sound                  | Without sound  | With sound                   | Without sound                |
| VGA        | 640×480 | 30            | 27 sec.                     | 27 sec.        | 9 min. 25 sec.* <sup>1</sup> | 9 min. 28 sec.* <sup>1</sup> |
|            |         | 15            | 54 sec.                     | 54 sec.        | 18 min. 44 sec.              | 18 min. 56 sec.              |
| QVGA       | 320×240 | 30            | 1 min. 13 sec.              | 1 min. 14 sec. | 25 min. 26 sec.              | 25 min. 49 sec.              |
|            |         | 15            | 2 min. 24 sec.              | 2 min. 29 sec. | 50 min. 7 sec.               | 51 min. 38 sec.              |

The maximum file size of a single movie is 2 GB, regardless of the capacity of the card.

\*<sup>1</sup> When using a TypeM or Standard xD-Picture Card, the maximum recording length will be 10 seconds.

## Increasing the number of pictures that can be taken

Either erase unwanted images, or connect the camera to a computer or other device to save the images, and then erase the images in the internal memory or card.

[ERASE] (p. 17), [SEL. IMAGE] (p. 33), [ALL ERASE] (p. 33), [MEMORY FORMAT]/[FORMAT] (p. 34)

## Using the microSD Attachment

- Do not use the attachment with Olympus digital cameras that do not support this microSD Attachment, as well as with other brands of digital cameras, computers, printers, and other devices that support xD-Picture Card. Doing so not only may damage the pictures taken, but may also result in the malfunction of the device.
- If the microSD card cannot be removed, do not use force. Contact authorized distributors/service centers.

## Cards compatible with this camera

microSD card/microSDHC card

- For a list of tested microSD cards, please visit our website (<http://www.olympus.com/>).

## Sending images



You can send images to a computer or printer by using the USB cable provided with the camera.

To send data to other devices, remove the attachment from the camera and use a commercially available microSD card adapter.

## Handling precautions

Do not touch the contact area of the attachment or microSD card. Doing so may cause failure in reading the images. When fingerprints or stains are found on the contact area, wipe the area with a soft dry cloth.

## SAFETY PRECAUTIONS

|   |   |   |
|---|---|---|
|    | <b>CAUTION</b><br>RISK OF ELECTRIC SHOCK<br>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.



**WARNING**

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.

**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 and LED 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.**
- **Do not insert anything into the microSD Attachment other than the microSD card.** This attachment is exclusive for use of microSD cards only. Other types of cards cannot be installed.
- **Do not insert anything other than an xD-Picture Card or the microSD Attachment into the camera.**

If you insert a card by mistake, such as a microSD card, do not use force. Contact authorized distributors/service centers. Damages such as scratches on the attachment or card could result in the camera overheating and/or malfunctioning.

### 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 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, solder, 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 batteries. 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 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 LCD monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. An LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for the monitor is made with high-precision technology. However, black spots or bright spots of light may appear constantly on the LCD Monitor. Due to its characteristics or the angle at which you are viewing the monitor, the spot may not be uniform in color and brightness. This is not a malfunction.

## 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.

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## 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.



This symbol [crossed-out wheeled bin Directive 2006/66/EC Annex II] indicates separate collection of waste batteries in the EU countries. Please do not throw the batteries into the domestic refuse. Please use the return and collection systems available in your country for the disposal of the waste batteries.

## 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 website: <http://www.olympus.com> for the authorized international Olympus service network.

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- IBM is a registered trademark of International Business Machines Corporation.
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- xD-Picture Card™ is a trademark.
- microSD is a trademark of the SD Association.
- 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

|                                  |   |
|----------------------------------|---|
| <b>Product type</b>              | : Digital camera (for shooting and displaying)  |
| <b>Recording system</b>          |   |
| <b>Still pictures</b>            | : Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF))   |
| <b>Applicable standards</b>      | : Exif 2.2, Digital Print Order Format (DPOF), PRINT Image Matching III, PictBridge   |
| <b>Sound with still pictures</b> | : Wave format   |
| <b>Movie</b>                     | : AVI Motion JPEG   |
| <b>Memory</b>                    | : Internal memory<br>xD-Picture Card (16 MB to 2 GB) (TypeH/M/M+, Standard)<br>microSD card/microSDHC card (when the supplied microSD Attachment is used.)              |
| <b>No. of effective pixels</b>   | : 8,000,000 pixels  |
| <b>Image pickup device</b>       | : 1/2.35" CCD (primary color filter), 8,500,000 pixels (gross)  |
| <b>Lens</b>                      | : Olympus lens 6.3 to 31.5 mm, f3.5 to 5.6<br>(equivalent to 36 to 180 mm on a 35 mm camera)  |
| <b>Photometric system</b>        | : Digital ESP metering  |
| <b>Shutter speed</b>             | : 4 to 1/2000 sec.  |
| <b>Shooting range</b>            | : 0.6 m (2.0 ft.) to ∞ (W), 1.0 m (3.2 ft.) to ∞ (T) (normal)<br>0.1 m (0.3 ft.) to ∞ (W), 0.6 m (2.0 ft.) to ∞ (T) (macro mode)<br>0.03 m (0.1 ft.) (super macro mode) |
| <b>Monitor</b>                   | : 2.7" TFT color LCD display, 230,000 dots  |
| <b>Connector</b>                 | : Multi-connector (USB connector, A/V OUT jack)   |
| <b>Automatic calendar system</b> | : 2000 up to 2099   |
| <b>Operating environment</b>     |   |
| <b>Temperature</b>               | : 0°C to 40°C (32°F to 104°F) (operation)/<br>-20°C to 60°C (-4°F to 140°F) (storage)   |
| <b>Humidity</b>                  | : 30% to 90% (operation)/10% to 90% (storage)   |
| <b>Power supply</b>              | : One Olympus lithium ion battery (LI-60B)  |
| <b>Dimensions</b>                | : 94.7 mm (W) × 56.7 mm (H) × 25.3 mm (D) (3.7 × 2.2 × 1.0 in.)<br>(excluding protrusions)  |
| <b>Weight</b>                    | : 128 g (4.5 oz) (excluding battery and card)   |

## Lithium ion battery (LI-60B)

|                              |   |
|------------------------------|---|
| <b>Product type</b>          | : Lithium ion rechargeable battery  |
| <b>Model No.</b>             | : LI-60B  |
| <b>Standard voltage</b>      | : DC 3.7 V  |
| <b>Standard capacity</b>     | : 680 mAh   |
| <b>Battery life</b>          | : Approx. 300 full charges (varies on usage)  |
| <b>Operating environment</b> |   |
| <b>Temperature</b>           | : 0°C to 40°C (32°F to 104°F) (charging)/<br>-10°C to 60°C (14°F to 140°F) (operation)/<br>-10°C to 30°C (14°F to 86°F) (storage) |
| <b>Dimensions</b>            | : 26.9 mm (W) × 38.0 mm (H) × 7.5 mm (D) (1.1 × 1.5 × 0.3 in.)  |
| <b>Weight</b>                | : Approx. 14.5 g (0.5 oz)   |

## Battery charger (LI-60C)

|                              |   |
|------------------------------|---|
| <b>Model No.</b>             | : LI-60C  |
| <b>Power requirements</b>    | : AC 100 to 240 V (50 to 60 Hz)   |
| <b>Output</b>                | : DC 4.2 V, 300 mA  |
| <b>Charging time</b>         | : Approx. 2.5 hours   |
| <b>Operating environment</b> |   |
| <b>Temperature</b>           | : 0°C to 40°C (32°F to 104°F) (operation)/<br>-20°C to 60°C (-4°F to 140°F) (storage) |
| <b>Dimensions</b>            | : 62.0 mm (W) × 23.0 mm (H) × 90.0 mm (D) (2.4 × 0.9 × 3.5 in.)                       |
| <b>Weight</b>                | : Approx. 65 g (2.3 oz)   |

## microSD Attachment

|                              |  |
|------------------------------|--|
| <b>Product type</b>          | : Attachment for microSD card  |
| <b>Operating Environment</b> |  |
| <b>Temperature</b>           | : -10°C to 40°C (14°F to 104°F) (operation) /<br>-20°C to 65°C (-4°F to 149°F) (storage)       |
| <b>Humidity</b>              | : 95% and below (operation) / 85% and below (storage)  |
| <b>Dimensions</b>            | : 25.0 mm (W) × 20.3 mm (H) × 1.7 mm (D) (1.0 × 0.8 × 0.07 in.)<br>(Handle: 2.2 mm (0.09 in.)) |
| <b>Weight</b>                | : Approx. 0.9 g (0.03 oz)  |


Design and specifications subject to change without notice.

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
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


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
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
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Our phone customer support is available from 8 am to 10 pm

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