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.

The screen and camera illustrations shown in this manual were produced during the development stages and may differ from the actual product.
For customers in North and South America

For customers in USA

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

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

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

For customers in Europe

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

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

You can choose from more than 20 different types of scene shooting modes, making it easy to set the appropriate shooting mode for a variety of shooting situations. Once you’ve selected the shooting mode, just press the shutter button to take the picture. P. 34

You can take sequential shots (P. 61), or record movies with sound (P. 36).

The pictures you take are recorded and stored on xD-Picture Card.

You can create photo albums from the pictures recorded on the xD-Picture Card. P. 104

When the camera is in the cradle .........
The battery can be recharged with the AC adapter. P. 27

Pictures can be played back on a TV with the AV cable. P. 87

When the camera is connected to a PC or printer...
You can transfer the images to the PC. P. 171
You can print out stored pictures directly with a PictBridge-compatible printer without using the PC. P. 146

You can transfer the images to the PC. P. 171
You can print out stored pictures directly with a PictBridge-compatible printer without using the PC. P. 146
How to use this manual

This manual includes a table of contents, index and menu list to help you easily locate the information you need.

Searching from the table of contents P. 7
All the chapter and section titles are included in the table of contents so that you can quickly find the chapters you want to read (e.g., the introductory chapter, shooting basics, etc.)

For example
When you want to play back the images you have just taken.
Search for the page number for “Viewing still images.......72” from the chapter “5 Playback”.

Searching from the index P. 208
Terms used in this manual (such as the names of functions and parts) are listed in alphabetical order. When you come across a term that you are not familiar with or about which you want to learn more, you can search the index to find the relevant page.

For example
If you want to know more about the term “Light metering”
Search for the page number for “METERING.......64”.

Searching from the list of menus P. 204
The camera’s menus are listed in a tree structure. When you come across a menu whose name is unfamiliar on the menu screen, you can find the relevant pages for this menu function in the menu list.

For example
When you want to know how to make settings for WB in the menu screen
Search for the page number for “WB P. 68” by following the operating procedures of the menus.

* For information on how to read the instructions in this manual, refer to “How to read the instruction pages” (P. 6)
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How to read the instruction pages

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

Indications used in this manual

| ! | Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided. |
| ! | Useful information and hints that will help you get the most out of your camera. |
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Safety precautions

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.

CAUTION
- Risk of electric shock. Do not open.

WARNING!
- To avoid the risk of fire or electrical shock, never expose this product to water or operate in a high humidity environment.

General precautions

Read All Instructions — Before you use the product, read all operating instructions. For more information on accessories such as the lithium ion battery, refer to the manuals provided with those products.

Save These Instructions — Save all safety and operating instructions for future reference.

Heed Warnings — Read carefully and follow all warning labels on the product and those described in the instructions.

Follow Instructions — Follow all instructions provided with this product.

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

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

Water and Moisture — Never use this product around water (near a bathtub, kitchen sink, laundry tub, wet basement, swimming pool or in the rain).

Location — To avoid damage to the product and prevent personal injury, never place this product on an unstable stand, tripod, bracket, table or cart. Mount only on a stable tripod, stand, or bracket. Follow the instructions that describe how to safely mount the product, and use only the mounting devices recommended by the manufacturer.

Power Sources — Connect this product only to the power source described on the product label. If you are not sure about the type of power supply in your home, consult your local power company. Refer to instruction pages for information on using the product with a battery.

Grounding, Polarization — If this product is used with a specified AC adapter, the adapter may be equipped with a polarized alternating current line plug (a plug with one blade wider than the other). This safety feature allows the plug to fit into the power outlet only one way. If you cannot insert the plug into the wall outlet, pull it out, reverse it, and then reinsert it. If the plug still fails to fit, contact an electrician and have the receptacle replaced.
Safety precautions

Protecting the Power Cord — The power supply cord should be placed so it will not be walked on. Never put a heavy object on the power cord or wrap it around the leg of a table or chair. Keep the area around the power cord connection points, at the power outlet, and at the product connection, free of all AC adapter or accessory power cords.

Lightning — If a lightning storm occurs while using a specified AC adapter, remove it from the wall outlet immediately. To avoid damage from unexpected power surges, always unplug the AC adapter from the power outlet and disconnect it from the camera when the camera is not in use.

Overloading — Never overload wall outlets, extension cords, power strips, or other power connection points with too many plugs.

Foreign Objects, Liquid Spillage — To avoid personal injury caused by fire or electrical shock from contact with internal high voltage points, never insert a metal object into the product. Avoid using the product where there is a danger of spillage.

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

Servicing — Refer all servicing to qualified personnel. Attempting to remove the covers or disassemble the product, could expose you to dangerous high voltage points.

Damage Requiring Service — If you notice any of the conditions described below while using a specified AC adapter, unplug it from the wall outlet and refer servicing to qualified service personnel:

a) Liquid has been spilled onto the product or some other object has fallen into the product.
b) The product has been exposed to water.
c) The product does not operate normally despite following operating instructions. Adjust only the controls described in the operating instructions as improper adjustment of other controls could damage the product and require extensive repair work by a qualified technician.
d) The product has been dropped or damaged in any way.
e) The product exhibits a distinct change in performance.

Replacement Parts — When replacement parts are required, make sure that the service center uses only parts with the same characteristics as the originals, as recommended by the manufacturer. Unauthorized substitution of parts could result in fire, electrical shock, or create other hazards.

Safety Check — Upon completion of servicing or repairs, ask the service technician to perform safety checks to determine that the product is in good working order.
Safety precautions

| 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 the loss of valuable data may result. |

**Handling the camera**

| WARNING | Do not use the camera near flammable or explosive gases. |
| WARNING | Do not use the flash on people (infants, small children, etc.) at close range. |
| WARNING | Keep young children and infants away from the camera. |
| WARNING | Do not touch the camera, cradle or AC adapter until charging is finished and the battery have cooled. |
| WARNING | Do not use or store the camera in dusty or humid places. |
| WARNING | Do not cover the flash with a hand while firing. |
| WARNING | Do not take apart or modify the camera. |
| WARNING | Do not let water or foreign objects inside the camera. |

- To avoid causing a fire or explosion, never use the camera near flammable or explosive gases.
- Use caution when taking flash pictures at close range. When you fire the flash, you must be at least 1m (3ft) away from the faces of your subjects, especially when taking pictures of infants and small children. Firing the flash too close to the subject’s eyes could cause a momentary loss of vision.
- 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 or power cables, 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.
- The camera and cradle become hot while charging. A specified AC adapter also becomes hot during long use. At these times, they may cause minor burns.
- Using or storing the camera in dusty or humid places may result in a fire or electric shock.
- Do not cover the flash with a hand while firing. It may be hot and cause minor burns. Avoid using the flash for extended periods.
- Never attempt to disassemble the camera. The internal circuits contain high voltage points which could cause serious burns or electrical shock.
- If the camera is accidentally dropped in water, or if liquid is spilled into the camera, stop using it, allow it to dry, and then remove the battery. Contact the nearest authorized Olympus service center.
CAUTION

Stop using the camera immediately if you notice any unusual odors, noise, or smoke around it.

- If you notice any unusual odors, noise, or smoke around the camera during operation, switch it off immediately — and disconnect a specified AC adapter (if attached). Allow the camera to sit idle for a few minutes to cool. Take the camera outdoors, away from flammable objects, and carefully remove the battery. Never remove the battery with bare hands, which may cause a fire or burn your hands. Contact the nearest Olympus service center immediately.

Do not use the camera with wet hands.

- To avoid dangerous electrical shock, never hold or operate the camera with wet hands. Also, do not connect or disconnect the power plug 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 cradle or AC adapter if it is covered (such as a blanket). This could cause overheating, resulting in fire.

Be careful with the strap.

- Be careful with the strap when you carry the camera. It could easily catch on stray objects — and cause serious damage.

Use only the AC adapter specified by Olympus.

- Never use any AC adapter except one specified by Olympus. Using a different AC adapter may damage the camera or power source, or result in accidents or fire. Ensure the adapter used is designed for your region or country. For more information, contact the nearest Olympus service center or the store of purchase. Olympus makes no representations or warranties regarding any damages caused by AC adapters not recommended by Olympus.

Do not damage the power-supply cord.

- Never pull or modify the power-supply cord. Make sure only the plug is securely held during insertion and removal from the outlet.

Stop using the camera immediately, and contact the nearest Olympus service center or the store of purchase if:

- The power-supply cord becomes hot, or it gives off smoke or unusual odors.
- The power-supply cord is cut or damaged, or the plug has a faulty contact.

Caution for usage environment

- To protect the high-precision technology contained in this product, never leave the camera in the places listed below, no matter if in use or storage:
  - Places where temperatures and/or humidity are high or go through extreme changes.
    - Direct sunlight, beaches, locked cars, or near other heat sources (stove, radiator, etc.) or humidifiers.
  - In sandy or dusty environments.
  - Near flammable items or explosives.
  - In wet places, such as bathrooms or in the rain.
  - 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 damage, color failure, ghosting on the CCD, or may possibly cause fires.
- Condensation may form inside the camera when there is a sudden extreme change in temperature (such as when moving from indoors to outdoors). Acclimatize the camera to the temperature (e.g. by putting the camera into the plastic bag) before use.
Safety precautions

**Battery handling precautions**

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

⚠️ **DANGER**
- This camera uses an lithium ion battery specified by Olympus. Do not use any other type of battery. Using any other type of battery could result in battery leakage or overheating, posing a risk of fire or explosion. For safe and proper use, read the battery’s instruction manual carefully before using it.
- Never heat or incinerate the battery.
- Take precautions when carrying or storing the battery to prevent it from coming into contact with any metal objects such as jewelry, pins, fasteners, etc.
- Never store the battery where it 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 its terminals, carefully follow all instructions regarding the use of the battery. Never attempt to disassemble the battery or modify it in any way, by soldering, etc.
- If battery fluid gets into your eyes, flush your eyes immediately with clear, cold running water and seek medical attention immediately.
- Always store the battery out of the reach of small children. If a child accidentally swallows the battery, seek medical attention immediately.

⚠️ **WARNING**
- Keep the battery dry at all times. Never allow it to come into contact with fresh or salt water.
- If the rechargeable battery has not been recharged within the specified time, stop charging it and do not use it.
- Do not use the battery if it is cracked or broken.
- If the battery leaks, becomes discolored or deformed, or becomes abnormal in any other way during operation, stop using the camera and consult your dealer or an authorized Olympus service center. Continued use may result in fire or electric shock.
- If the battery leaks fluid onto your clothing or skin, remove the clothing and flush the affected area with clean, running cold water immediately. If the fluid burns your skin, seek medical attention immediately.
- Never attempt to modify the battery compartment on the camera, never insert anything (other than the specified battery) into the compartment.
- Never subject the battery to strong shocks or continuous vibration.

⚠️ **CAUTION**
- If the battery’s +/- terminals get wet or greasy, camera contact failure may result. Wipe the battery well with the 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.
- The battery may become hot during prolonged use. To avoid minor burns, do not remove it immediately after using the camera.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare the battery as warm as possible. The battery which 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.
 ● Do not push the monitor forcibly; otherwise the image may become vague, resulting in a playback mode failure or damage to the monitor. If the monitor is damaged, be careful not to get any of the liquid crystals from the monitor in your mouth. If liquid crystals get on your limbs or clothes, cleanse it away.
● 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. A LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
● The LCD 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.
Names of parts

Shutter button P. 32
Monitor P. 20, 125
Control dial P. 42
BACK/NEXT button P. 42
Zoom button (W/T) P. 41
MENU/OK button P. 42
Speaker
POWER switch P. 30
Mode switch (📷 🎥 🎦)

Cradle connector
Battery/Card compartment cover P. 25
Tripod socket
Names of parts

- Flash (P. 58)
- Lens
- Microphone (P. 69, 99)
- Self-timer lamp (P. 62)
- Strap eyelet (P. 24)
- Connector end
- DC-IN jack (P. 27)
- A/V OUT jack (P. 87)
- USB connector (P. 147, 178)
- Cradle (provided)
Monitor indications

**Shooting mode**
(Screen illustrations below are samples for monitor indications. For details, refer to respective reference pages.)

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<th>Indications</th>
<th>Ref. page</th>
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<td>Camera movement warning</td>
<td><img src="icon1.png" alt="Icon" /></td>
</tr>
<tr>
<td>2</td>
<td>Flash stand-by/ Flash charging mark</td>
<td><img src="icon2.png" alt="Icon" /> (Lit) <img src="icon3.png" alt="Icon" /> (Blinks)</td>
</tr>
<tr>
<td>3</td>
<td>Battery check</td>
<td><img src="icon4.png" alt="Icon" /> <img src="icon5.png" alt="Icon" /></td>
</tr>
<tr>
<td>4</td>
<td>Shooting modes</td>
<td><img src="icon6.png" alt="Icon" /> <img src="icon7.png" alt="Icon" /> <img src="icon8.png" alt="Icon" /> <img src="icon9.png" alt="Icon" /> <img src="icon10.png" alt="Icon" /> <img src="icon11.png" alt="Icon" /> <img src="icon12.png" alt="Icon" /> <img src="icon13.png" alt="Icon" /> <img src="icon14.png" alt="Icon" /> <img src="icon15.png" alt="Icon" /> <img src="icon16.png" alt="Icon" /> <img src="icon17.png" alt="Icon" /> <img src="icon18.png" alt="Icon" /></td>
</tr>
<tr>
<td>5</td>
<td>Green lamp</td>
<td><img src="icon19.png" alt="Icon" /></td>
</tr>
<tr>
<td>6</td>
<td>Flash mode</td>
<td><img src="icon20.png" alt="Icon" /> <img src="icon21.png" alt="Icon" /> <img src="icon22.png" alt="Icon" /></td>
</tr>
<tr>
<td>7</td>
<td>Self-timer</td>
<td><img src="icon23.png" alt="Icon" /></td>
</tr>
<tr>
<td>8</td>
<td>White balance</td>
<td><img src="icon24.png" alt="Icon" /> <img src="icon25.png" alt="Icon" /> <img src="icon26.png" alt="Icon" /> <img src="icon27.png" alt="Icon" /></td>
</tr>
<tr>
<td>9</td>
<td>Exposure compensation</td>
<td>–2.0 to +2.0</td>
</tr>
<tr>
<td>10</td>
<td>Metering mode</td>
<td><img src="icon28.png" alt="Icon" /></td>
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## Monitor indications

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Monitor indications

Playback mode

(Screen illustrations below are samples for monitor indications. For details, refer to respective reference pages.)

You can select how much information to display on the monitor. Screens when INFO is set to ON are shown below.

“INFO — Displaying shooting information on the monitor” (P. 118)

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</table>

Elapsed playback time/Overall recording time (movie)
Monitor indications

**Memory gauge**

The memory gauge lights up when the camera is storing a still picture you have just taken on the card. The memory gauge indication changes as shown below depending on the shooting status.

If the memory gauge is fully lit, wait a few seconds until it goes off to take the next shot.

![Memory gauge](image)

**Battery check**

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

*Your digital camera's power consumption varies greatly depending on usage and operating conditions. Under some operating conditions, the camera may turn off without warning that battery power is low. If this occurs, re-charge the battery.*
1 Getting started

Attaching the lens cap and strap

Thread the lens cap string through the lens cap.

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

Pull on the strap to make sure it is fastened securely.

Attach the lens cap to the camera as illustrated.

Strap precautions

- Do not pull on the strap too hard when it is attached to the camera as this could break the strap.
- Be careful with the strap when carrying the camera, as the strap can easily catch on stray objects, causing serious damage.
- Attach the strap correctly as shown above so that the camera does not fall off. Olympus is not responsible for any damages incurred when the strap is attached incorrectly and the camera comes off.
Loading the battery

The camera uses an Olympus lithium-ion battery (LI-20B). Do not use any other type of battery.
- A backup battery (optional) is recommended for extended battery-powered operation.

1. Open the battery/card compartment cover.

2. Release the latch to insert the battery.

3. Gently push the latch backwards to lift it. When you take your finger off the latch, the latch drops back on its own. After the latch drops back, insert the battery.

4. Close the battery/card compartment cover.

5. Insert the battery with the OLYMPUS logo face up.

6. Push down firmly on the section of the battery/card compartment cover, and slide it in the direction of the arrow. Closing the battery/card compartment cover locks the latch.
Unloading the battery

1. Make sure that the monitor is turned off.
2. Open the battery/card compartment cover.
3. Release the latch. With the battery held down, tilt the camera carefully so that the battery does not drop from the camera. Remove the battery.
4. Closing the battery/card compartment cover locks the latch.

Battery precautions

- The factory default date/time settings are restored if the camera is left with no battery for about 1 day. Be sure to check the date/time settings of the camera after changing the battery. P. 127
- Your digital camera’s power consumption varies greatly depending on usage and operating conditions. If you use a depleted battery, the camera may power off without displaying the battery check indication (P. 23).
Charging the battery

This camera uses an Olympus lithium-ion battery (LI-20B). Do not use any other type of battery.
The battery is not fully charged when purchased. Before use, be sure to charge the battery with the provided cradle and AC adapter.
Charging is performed with the battery loaded in the camera.

To the AC wall outlet

Align the cradle connector with the connector end on the cradle.

The battery check indication blinks on the monitor while the battery is charging. Battery charging takes about 2 hours.

We recommend that you use the AC adapter for any tasks of extended duration such as downloading images to the PC, printing out images, etc. "Accessories — AC adapter" (P. 190)

Using the AC adapter overseas

When you use the AC adapter overseas, a multiplug is required to allow the plug to fit into local power outlets. For details on multiplugs, consult a travel agency.

Precautions on charging the battery

- The camera can also use an optional charger (LI-20C). Do not use any other type of battery charger than the specified charger.
- Before charging the battery, be sure to read “Safety precautions” (P. 12) and “Accessories — AC adapter” (P. 190).
Inserting the card

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

1 Make sure that the monitor is turned off.

2 Insert the card, making sure that the card is oriented as shown in the illustration.

- Insert the card while keeping it straight.
- When the card is inserted all the way, it stops with a click.
- Inserting the card the wrong way or at an angle could damage the contact area or cause the card to jam.
- If the card is not inserted all the way, data may not be written to the card.
Inserting the card

1. Make sure that the camera is turned off.
2. Push the card all the way to unlock it, then let it return slowly.
3. Hold the card straight and pull it out.

Card precaution

Be sure to read “Accessories — Card” (P. 191).
Power on/off

1 Lens cap
Remove this when taking pictures.

2 Mode switch
- : Select this for still pictures shooting.
- : Select this for movie shooting.
- : Select this for playback.

When the camera is turned on, the camera’s front lamp lights for a moment.

3 Monitor
- Power on → Turns on the monitor.
- Power off → Turns off the monitor.

POWER switch
Turns the camera on and off.
* Check the date/time settings when the camera is turned on.
& “Setting the date and time” (P. 127)

The camera automatically turns off to save power if it is not operated for about 10 minutes. When the AC adapter is used, the camera does not switch off automatically.

Now, you are ready for shooting. Let’s take some pictures. & P. 31
2 Shooting

Taking still pictures

1. Set the mode switch to .

2. Turn on the camera.

3. Place the AF target mark on the subject while viewing the monitor to compose your shot.
**4 Adjust the focus.**
Press the shutter button gently (halfway).

- When the focus and exposure are locked, the green lamp lights steadily.
- The flash stand-by mark lights when the flash fires.

**5 Release the shutter.**
Press the shutter button all the way (fully).

- When a picture is taken, a shutter sound is output.
- The (card access) mark blinks and the camera starts recording the picture.
- Press the shutter button gently. If it is pressed hard, the camera may move and pictures may come out blurred.

To check the picture immediately after shooting:
“REC VIEW — Checking the picture immediately after shooting” (P. 117)
Taking still pictures

If the green lamp blinks when the shutter button is pressed halfway

→ You are too close to the subject. Take the picture at least 50 cm (19.7”) away from the subject, or try macro shooting (P. 48) or super macro shooting (P. 48).
→ The subject is out of focus. Depending on the subject, focus may not be possible. “If correct focus cannot be obtained” (P. 38)

⚠️ Notes on shooting

● The camera automatically turns off after 10 minutes if it is not operated. Press the POWER switch to turn on the camera.
● Never remove the battery, card or AC adapter while the mark is blinking. Doing so could destroy stored pictures and prevent storage of pictures you have just taken.
● When taking pictures against strong backlight, the area of the picture in shadow may appear colored.
● When you point the lens toward a bright object, vertical lines (smears) may appear on the monitor. However, this does not affect the actual recorded pictures.
Specifying the type of scene

You can capture a high-quality picture in any shooting situation by choosing one of the various shooting modes provided with this camera.
Taking still pictures

Motion JPEG Image & Sound Recording*
With the provided 32MB SmartMedia, Motion JPEG image & sound recording up to 15 seconds in HQ mode (320x240 pixels) or 62 seconds in SQ mode (160x120 pixels) is possible.

Built-In Microphone
With the built-in microphone, you can record up to 4 seconds of sound per still image.

Picture Effects
Black & White, Sepia, White Board, or Black Board can be selected giving you greater control over image style. With White Board and Black Board modes, pictures of letters can be taken extra-clearly.

[Images of various scenes such as documents, museum, sport, beach & snow, self portrait, candle, available light, behind glass, 2 in 1, panorama]
Movie recording

You can record movies and sound simultaneously.

1. **Turn on the camera in the ** mode.  
   P. 30

2. **Compose your shot while viewing the monitor.**

   Flash cannot be used.

3. **Start recording.**
   Press the shutter button fully.

   - The subject can be magnified using the zoom button.  
   - “Zoom” (P. 41)
   - The remaining recording time depends on the selected record mode, free space available on the card, etc.  
   - “Selecting the record mode” (P. 66)

   Focus and optical zoom are locked during movie recording, but digital zoom can be used.  
   - “DIGITAL ZOOM — Using the digital zoom” (P. 60)
4 Stop recording.
Press the shutter button fully again.

Notes on recording movies

- When the remaining recording time has been used up, recording stops automatically.
- Sound may not be recorded clearly in the following situations.
  - When the microphone is covered with your fingers
  - When the camera is more than 1 m (3.3 ft.) away from the source of the sound

ément while the movie is being stored on the card.
If correct focus cannot be obtained

Subjects that are difficult to focus on

Under the following conditions, auto focus may not work properly.

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

Subjects with low contrast
Subjects in excessively bright light in the center of the frame
Subjects with no vertical lines

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

Subjects with different distances
Fast-moving subjects
The subject you are focusing on is not in the center of the frame.

If this happens, focus on a high-contrast object the same distance away as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and adjust the focus, then return the camera to the horizontal position to take the picture.

“Determine the position of the subject after focusing (Focus Lock)” P. 39
Determine the position of the subject after focusing (Focus Lock)

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

1. Turn on the power in the 📸 mode.

2. Position the AF target mark on the subject you want to focus on.
If correct focus cannot be obtained

3 Compose your shot.

Keep the shutter button pressed halfway until the green lamp lights.

Half press

Keeping the shutter button pressed halfway, recompose your shot.

Full press

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

The focus, exposure and white balance are locked (autofocus).

“AF MODE — Changing the focus range” (P. 63)

If the focus lock does not work properly

“If the green lamp blinks when the shutter button is pressed halfway” (P. 33)
**Zoom**

Telephoto and wide-angle shooting are possible at 3x magnification for optical zoom (equivalent to 38 mm to 114 mm on a 35 mm film camera). By combining the optical zoom with the digital zoom, zoom magnification can be increased to a maximum of approximately 8x. “DIGITAL ZOOM — Using the digital zoom” (P. 60)

1. **Turn on the power in the ** mode.**

2. **Press the zoom button.**

3. **Take the picture.**

**Notes on using the zoom**

Camera movement is likely to occur at higher magnification during telephoto shooting. Stabilize the camera with a tripod, etc. to avoid camera movement.
3 Using the situation-related shooting modes

In addition to the basic shooting mode (Program Auto), more than 20 different shooting modes are available to suit a wide range of shooting situations. The camera automatically optimizes the settings for the shooting conditions and provides the effects you want.

1. Turn on the camera in the \ mode.

2. Display the menu.

The operation guide is displayed.

- **EXIT ➔ BACK**: Returns to the previous menu screen. (Exits the step 2 menu screen.)
- **SELECT ➔**: Rotates to select the item.
- **GO ➔ OK**: Press to confirm your selection.
3 Make sure SCENE SELECT is selected, and confirm it.

4 Select SCENE.

To return to the basic shooting mode (Program Auto), select PROGRAM AUTO.

PROGRAM AUTO shooting
The camera automatically optimizes settings to match the shooting conditions. This is the basic shooting mode suited for any shooting situation.
5 Select the situation-related shooting mode.

A sample image of the selected shooting mode is displayed.

A description of suitable shooting conditions for the selected mode replaces the sample image.

The menu screen disappears and the shooting screen appears.

To change the current camera settings
- “Using your camera effectively” (P. 114)
Using the situation-related shooting modes

**LANDSCAPE**

Suitable for shooting landscapes and other outdoor scenes.

**LANDSCAPE+PORTRAIT**

Suitable for shooting both main subject and background.

**NIGHT SCENE**

Suitable for shooting images of outdoor scenes in the evening or at night. Usually a street at night makes a dark image with only the sparkle of lights such as street lamps due to the lack of brightness. This mode allows you to capture the true appearance of the street.

- Since the shutter speed is slow, be sure to stabilize the camera by using a tripod.
### NIGHT+PORTRAIT

Suitable for shooting both the main subject and background at night.
- Since the shutter speed is slow, be sure to stabilize the camera by using a tripod.
- The flash fires in the red-eye reduction mode.  
  
  ["Flash" (P. 58)](P. 58)

### INDOOR

Suitable for shooting both the main subject and background indoors. Clear reproduction of background as well.
- SUPER HIGH and HIGH cannot be selected.
  
  ["Selecting the record mode" (P. 66)](P. 66)

### FIREWORKS

Suitable for shooting fireworks.
Using the situation-related shooting modes

### SUNSET

![Sunset Image]

Suitable for taking sunset pictures.
Vivid red and yellow color reproduction.
• The flash cannot be used.

### PORTRAIT

![Portrait Image]

Suitable for shooting a portrait-style image of a person.

### SELF PORTRAIT

![Self Portrait Image]

Allows you to take a picture of yourself while holding the camera. The focus is locked on you (shooter).
• Zoom position is fixed at W.
Using the situation-related shooting modes

MACRO

For shooting from as close as 30 - 50 cm (11.8" - 20.0") to a subject.
• If you use the flash, shadows may be noticeable and the correct exposure may not be achieved.

SUPER MACRO

For shooting from as close as approx. 8 cm (3.2") to a subject.
• The flash cannot be used.
• Zoom cannot be used.

CUISINE

Suitable for still life photography. Vividly reproduces colors of fruit, vegetables, flowers, etc.
• The red-eye reduction mode is not available.
**DOCUMENTS**

**Motion JPEG Image & Sound Recording**
- Suitable for shooting documents, etc.
- Increases contrast between letters and background.
- The flash cannot be used.

- **Built-In Microphone**
  - With the built-in microphone, you can record up to 4 seconds of sound per still image.

- **Picture Effects**
  - Black & White, Sepia, White Board, or Black Board can be selected, giving you greater control over image style. With White Board and Black Board modes, pictures of letters can be taken extra-clearly.

**MUSEUM**

For shooting with no beep sound and flash.
- Useful in art gallery, museum, etc.
- SUPER HIGH and HIGH cannot be selected.

"Selecting the record mode" (P. 66)

**SPORT**

Suitable for capturing fast-moving action without blurring.
Using the situation-related shooting modes

**BEACH & SNOW**

Suitable for shooting snow-capped mountain landscapes, white sand beaches, seascapes, etc.

**SELF PORTRAIT+SELF TIMER**

Useful when shooting pictures while traveling. Use the self-timer to take a picture of yourself and the background.  
- AF MODE cannot be set to SPOT.  
  “AF MODE — Changing the focus range” (P. 63)

**CANDLE**

Suitable for shooting under candlelight. Warm colors are reproduced.  
- The flash cannot be used.  
- SUPER HIGH and HIGH cannot be selected.  
  “Selecting the record mode” (P. 66)
AVAILABLE LIGHT PORTRAIT

Suitable for shooting sensitive subjects in lowlight conditions without a flash.
- The flash cannot be used.
- SUPER HIGH and HIGH cannot be selected.

BEHIND GLASS

Suitable for shooting a subject through glass.
2 IN 1

Allows you to combine two pictures taken in succession and store them as a single picture.
- Sequential shooting is not possible.
- Self-timer shooting and sound recording are not available.

1 Select 2 IN 1. P. 42

2 Take the first shot.
- The subject will be on the left in the combined image.
- To cancel the first shot, press BACK/NEXT.

3 Take the second shot in succession.
- The pictures are combined and stored as a single picture.
- The subject will be on the right in the combined image.
- To exit the 2-IN-1 shooting mode, press MENU/OK and select another situation-related shooting mode in the menu. P. 42
You can take advantage of panorama shooting when you use an Olympus xD-Picture Card. Pictures with overlapping edges can be connected to form a single panoramic image with CAMEDIA Master software (included on the provided CD-ROM).

1 Select PANORAMA.  

2 Use the control dial to select the direction you want the images connected.
   - Frames and arrows appear in the corresponding direction.

3 Make sure that the edges of images overlap, then take your pictures.
   - Panorama shooting is possible for up to 10 pictures.

Example: When connecting images from left to right.

- Focus, exposure and white balance are set by the first shot.
- Zooming is not possible after the first shot.

Keeping the area in the frame at the edge of the screen in mind, position the camera so that the same area appears in the frame for the next image.
4 **Press BACK/NEXT to finish panorama shooting.**
- The camera is ready to take another set of panorama shots.
- To exit the PANORAMA shooting mode, press **MENU/OK** and select another situation-related shooting mode in the menu.  
- Panorama shooting is possible only when using the Olympus CAMEDIA-brand card.
- If SUPER HIGH or HIGH is selected, there may be cases where there is not enough memory to process the images on your computer. It is recommended to use BASIC or E-MAIL for panorama shooting.  
- “Selecting the record mode” (P. 66).
- The following functions are not available during panorama shooting: flash shooting, sequential shooting, self-timer shooting, sound recording

3 **Using the situation-related shooting modes**
A number of useful menu functions available in each shooting mode (as shown below). Follow the basic procedure described on page 56 before you go to the particular instructions for each function.

*1 Not displayed when the mode switch is set to 

*2 Not displayed when SCENE SELECT is set to SCENE.

*3 May not be displayed depending on which situation-related shooting mode is selected.
Selecting functions from the shooting menu

1. Turn on the camera in the [ ] or [ ] mode.

2. Display the menu.

The operation guide is displayed.

- **EXIT ➤ BACK** ➤ : Returns to the previous menu screen. (Exits the previous menu screen.)

- **SELECT ➤ ➤** ➤ : Rotates to select the item.

- **GO ➤ OK** ➤ : Press to confirm your selection.

The current setting is displayed.

The control dial, BACK/NEXT button, POWER switch, Mode switch, MENU/OK button, BACK/NEXT button, and Mode switch are shown in the diagram.
Selecting functions from the shooting menu

3 Select the item.

Indicates that there are more menu items following ◀.

A white frame shows the currently selected item.

The options for the selected item are displayed.

4 Select the option and confirm it.

The menu screen disappears and the shooting screen appears.

The icon corresponding to the setting is displayed. (The red-eye reduction icon is displayed here.)

Using the advanced shooting functions
Selecting functions from the shooting menu

Flash

You can select from 4 different flash modes depending on the light conditions and the effect you want to achieve.

**Auto-flash** *(No indication)*
Automatically fires in low-light and backlight conditions.

**Red-eye reduction flash** *( fld )*
The light from the flash may make the subject’s eyes appear red in the image. The red-eye reduction flash mode significantly reduces this phenomenon by emitting pre-flashes before firing the regular flash. This helps accustom the subject’s eyes to the bright light and minimizes the red-eye phenomenon.

**Fill-in flash** *( f )*
The flash fires regardless of available light. This mode is useful for eliminating shadows on the subject’s face (such as shadows from tree leaves) or for correcting the color shift produced by artificial lighting (especially fluorescent light).

**Flash off** *( f )*
The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited. You can also use this mode when you want to shoot a natural-looking twilight or night scene.
1 Select FLASH MODE in the menu, then select the flash mode.  P. 55

2 Press the shutter button halfway.

3 Press the shutter button all the way down (fully) to take the picture.

**Notes on flash**

- When using a situation-related shooting mode (  P. 45), the flash may not be used.
- The flash cannot be used during movie recording.  P. 36
- When there is a likelihood that camera movement will occur in the flash off mode, the (camera movement warning) mark blinks. Use the flash.

**Red-eye reduction flash** (  )
- The red-eye reduction flash cannot be used during sequential shooting.  P. 61
- After the pre-flash, it takes approximately 1 second before the shutter is released. Hold the camera firmly after the pre-flash to prevent camera movement.
- Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

**Fill-in flash** (  )
- Fill-in flash may not have the desired effect under excessively bright light.

**Flash off** (  )
- Since a slow shutter speed is automatically selected in low-light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.
DIGITAL ZOOM — Using the digital zoom

By combining the optical zoom with the digital zoom, zoom magnification can be increased to a maximum of approximately 8x.

1. Select DIGITAL ZOOM in the menu, then select ON. P. 55

2. Press the zoom button (T ).

Notes on digital zoom

- Pictures taken using digital zoom may appear grainy.
- Camera movement is likely to occur at higher magnification during telephoto shooting. Stabilize the camera with a tripod, etc. to avoid camera movement.
- The digital zoom cannot be used when the shooting mode is set to SUPER MACRO (P. 48) or SELF PORTRAIT (P. 47).
Sequential shooting

You can shoot pictures sequentially. In the SUPER HIGH record mode, approximately 3 frames can be shot in sequence.

1 Select \ in the menu, then select ON.
   \ P. 55

2 Take pictures.
   Focus and exposure are locked at the first shot.

   - White balance is adjusted for each shot.

   The camera takes pictures in sequence while the shutter button is being pressed down. Releasing the shutter button stops sequential shooting.

Notes on sequential shooting

- Sequential shooting is not possible depending on which situation-related shooting mode is selected.
- Sound recording is not available during sequential shooting.
Self-timer shooting

This feature allows you to take pictures with yourself in them. Stabilize the camera with a tripod.

1. Select 📸 in the menu, then select ON.

P. 55

- The self-timer lamp lights up for approximately 10 seconds, then blinks for approximately 2 seconds before the picture is taken.

- To stop the self-timer, press MENU/OK so that the self-timer lamp goes off.

- The self-timer is canceled automatically when shooting is finished.

2. Take the picture.

The 📸 mark is displayed.

Notes on self-timer shooting

Self-timer shooting is not possible when the shooting mode is set to 2 IN 1 (P. 52) or PANORAMA (P. 53).
AF MODE — Changing the focus range

This function allows you to select the focus range of your subject.

AUTO
Focus selection is based on the entire picture on the screen. Even when the subject is not in the center of the screen, focusing is possible.

SPOT
Focus selection is based on the subject within the AF target mark. Try this when it is difficult to focus on the subject with AUTO or when using focus lock.

1 Select AF MODE in the menu, then select AUTO or SPOT.  
P. 55

2 Take the picture.

Notes on AF MODE

- When the shooting mode is set to SELF PORTRAIT+SELF TIMER (P. 50), SPOT is not available.
- AUTO does not work when the digital zoom is used.
METERING — Changing the metering area

Spot metering is useful when you do not want to let the brightness of the surrounding area affect the picture. Recommended for shooting a backlit subject.

1. Select METERING in the menu, then select AUTO or SPOT P. 55

2. Take the picture.
Varying the image brightness (Exposure Compensation)

In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually. Often bright subjects (such as snow) will turn out darker than their natural colors. Adjusting toward + makes these subjects closer to their real shades. For the same reason, adjust toward – when shooting dark subjects. Exposure can be adjusted in the range of ±2.0 EV in 1/3 EV steps.

1. Select on the menu. P. 55

2. Adjust the exposure.

3. Take the picture.

Notes on exposure compensation

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

Selecting the record mode

You can select the best record mode for your purpose (printing, editing on a PC, attaching to e-mail, etc.).

**Still picture record mode**

1. In the **P** mode, select in the menu. P. 55

2. Select the record mode.

**Movie record mode**

1. In the **M** mode, select in the menu. P. 55

2. Select the record mode.

- Refer to the table on page 67 for selecting the record mode.
- In some situation-related shooting modes (P. 46), SUPER HIGH or HIGH cannot be selected.
### Selecting functions from the shooting menu

**Number of storable still pictures with a 16MB card**

**Larger file size, clear image quality**

- **SH SUPER HIGH 3M**
  - 2048 X 1536 pixels
  - Approx. 20
  - Lower number of storable pictures, longer time to save. For printing in larger size or image retouching (such as adjusting the contrast or reducing red-eye phenomenon) on a computer.

- **H HIGH 2M**
  - 1600 X 1200 pixels
  - Approx. 33
  - For printing in smaller size or image editing (such as adding text or rotating images) on a computer.

- **B BASIC 1M**
  - 1024 X 768 pixels
  - Approx. 58
  - Standard quality, smaller file size, larger number of storable pictures. For viewing images on a computer.

- **E-MAIL VGA**
  - 640 X 480 pixels
  - Approx. 99
  - Standard quality, small file size. For attaching to e-mail.

**Smaller file size, normal image quality**

### Notes on record mode

The number of remaining pictures may change according to the subject or factors like whether print reservations have been made or not. In certain instances, the number of remaining pictures displayed on the monitor does not change even when you take pictures or stored images are erased.

---

**Resolution**

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

---

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

When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer’s monitor setting. For instance, a picture taken in 1024 x 768 resolution is the same size as the screen if you set the picture to 1x when the monitor setting is 1024 x 768. However, if the monitor setting is over 1024 x 768 (such as 1280 x 1024), the picture only takes up part of the screen.
WB — Adjusting the color tone

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

1 Select WB in the menu. P. 55

2 Select the white balance.

3 Take the picture.

Notes on white balance

- White balance may not be effective under certain light sources.
- After setting a white balance other than AUTO, play back the image and check the colors on the monitor. "Playback" (P. 72)
- When the flash is fired with a white balance setting other than AUTO, colors may appear different in the resulting image from the colors you see on the monitor.
- White balance is determined automatically by the camera if a situation-related shooting mode (P. 42) is selected.
Recording sound with still pictures

This function lets you record sound when taking a still picture. Recording starts about 0.5 seconds after the shutter is released and lasts about 4 seconds. When the sound is set to ON, sound is recorded automatically every time you take a picture.

1. Select the sound icon in the menu, then select ON in the menu. P. 55

   - Rotate to select
   - Press to confirm
   - MENU/OK

2. When recording starts, turn the camera microphone towards the source of the sound you want to record.

   - A bar is displayed during recording.
   - Sound can be added later to still images. Recorded sound can also be changed. “Adding sound to recorded images” (P. 99).

   - The sound icon mark is displayed.

   - Microphone
   - Shutter button
   - Control dial
   - BACK/NEXT button
   - MENU/OK button
Notes on recording sound

- If the camera is more than 1 m (3.3 ft.) away from the source of the sound, sound may not be recorded clearly.
- It is not possible to take another picture during sound recording.
- Sound recording is not possible during sequential shooting, 2 IN 1 or PANORAMA shooting.
- Sound cannot be set to off in the 🎥 mode. Sound is always recorded during movie recording.
- Sound recording may also pick up camera noises, such as button operations, shutter movement, etc.
RESET — Restoring the factory default settings

Normally, current camera settings (including any changes you have made) are saved when the power is turned off. If you prefer the original setting to be restored, you can use this function to restore the factory default settings (P. 204) after the power is turned off.

1 Select RESET in the menu. P. 55

2 Select YES.

Each setting is returned to the factory default setting.

Example: FLASH MODE setting in the menu

FLASH MODE is set to .

FLASH MODE is returned to the default setting AUTO (no indication).
5 Playback

Viewing still images

1. Turn on the camera in the mode.
   - Turn on the camera in the mode.
   - Press the POWER switch.
   - The last recorded image appears.
   - The shooting information displayed on the screen disappears after 3 seconds.

2. Use the control dial to play back images you want to view.
   - Displaying images one by one [1-BY-1]
     - Displays the previous image.
   - Jumping 10 frames [JUMP]
     - Jumps to the image 10 frames back.
     - Jumps to the image 10 frames ahead.
   - Pressing BACK/NEXT switches the playback method between the one-by-one mode and the 10-frame jump mode.

Notes on the monitor

- If the camera is not operated for more than 10 minutes, the monitor turns off, then the camera turns off.
- When the AC adapter is used, the monitor does not turn off.
Close-up playback

Lets you enlarge and display images at up to 4 times normal size.

1. Play back the image you want to view. “Viewing still images” (P. 72)

2. Press the zoom button to enlarge it.

- The image is enlarged 1.5 times.
- Images with the mark cannot be enlarged.

- Rotating the control dial displaces the image in the direction of the arrow. “Displacing the image” (P. 74)

- Each time you press the zoom button, the image is enlarged in steps of 0.5 times.

- Pressing MENU/OK changes the displacement direction.

- The image returns to the original size (1x).
Displacing the image

During close-up playback, you can displace the image vertically and horizontally and display the adjusted image.

1 Enlarge the image.
   “Close-up playback” (P. 73)

2 Use the control dial to displace the image horizontally.

3 To displace the picture vertically, press MENU/OK, then rotate the control dial.
Index display

Lets you show several images at the same time on the monitor. It is useful when you want to quickly search a number of images to find a particular one.

1 Play back an image.
   “Viewing still images” (P. 72)

   Press the zoom button  

   • The 9-frame index screen is displayed.
   • You can also select the number of images on an index screen from 4, 16 or 25.   “Selecting the number of images” (P. 126)
Index display

2 Rotate the control dial to move the frame to the desired image.

3 Press BACK/NEXT to switch the playback method to page selection mode.

Press the zoom button ⊙. The screen returns to single-frame playback.
4 Display other index pages (PAGE).

Rotate the control dial upward.

The 9 images are displayed on the index screen.

Rotate to select

The next 9 images are displayed on the index screen.

Rotate the control dial downward.

5 Press BACK/NEXT to switch playback method to image selection mode.
Selecting functions from the playback menu

A number of useful menu functions are available in the playback mode (as shown below). Follow the basic procedure described on page 80 before you go to the particular instructions for each function.

Still image playback menu

“SEL. ALBUM — Viewing images in an album” (P. 108)

“ALBUM ENTRY — Registering images you shot” (P. 104)

“Selecting the print reservation mode” (P. 133)

“Using your camera effectively” (P. 114)
Movie playback menu

The following menu functions are available only when images with the mark are played back.

- MOVIE PLAYBACK
- ALBUM ENTRY
- SETUP
- INDEX
- ALL ERASE
- FORMAT
- ERASE

Available menu items differ when playing back an album. Refer to “Menu directory” (P.204).
Selecting functions from the playback menu

1. Turn on the camera in the playback mode.

2. Display the menu.

The current setting is displayed.

The operation guide is displayed:

- **EXIT ➔ BACK**: Returns to the previous menu screen. (Exits the step 2 menu screen.)
- **SELECT ➔ SELECT**: Selects the item.
- **GO ➔ OK**: Confirms your selection.
Selecting functions from the playback menu

3 Select the item.

Indicates there are more menu items following the arrow.

The currently selected item is displayed in a white frame.

The options for the selected item are displayed.

4 Select the option and confirm it.

The menu screen disappears and the normal playback screen appears.

The corresponding icon is displayed. (The protect icon is displayed here.)
Selecting functions from the playback menu

**Slideshow (sequential auto playback)**

Lets you run through images stored in the card one after another. When slideshow is attempted for movie, only the first frame of the movie is played back.

You can select a type, which let you spice up the transition from one scene to the next.

- **NORMAL**: The scenes appear sequentially one after another.
- **FADER**: The next scene gradually fades in.
- **SLIDE**: The next scene wipes in over the previous one from the bottom of the screen to the top, then wipes in from the top to the bottom.
- **WINDOW**: The next scene gradually wipes in from the upper left of the black screen toward the corners.
1. Select  in the menu. P. 78

2. Selecting the image
   Select SEL. IMAGE.

   ALL IMAGES: Slideshow of all the images stored in the card.
   ALBUM: Slideshow of all the images stored in the album.
   “Slideshow (sequential auto playback of images in an album)” (P. 109)
Selecting slideshow type

Select TYPE.

The slideshow types are displayed.

Select a type.

Select START.

The slideshow types are displayed.
During slideshow, you can display the previous or next image by rotating the control dial.

4. Press MENU/OK to end slideshow.

When running a slideshow for a long time, we recommend that you use the AC adapter. If you use the battery, the slideshow will automatically stop after 30 minutes, and the camera will turn off.
Selecting functions from the playback menu

Rotating images

Images shot with the camera held vertically are displayed horizontally. This function lets you turn such images 90 degrees counterclockwise or clockwise so that they are displayed vertically.

Example:
Images shot with the camera held vertically.

1. Select \( \square \) in the menu. \( \square \) P. 78

2. Select \(+90^\circ, 0^\circ\) or \(-90^\circ\).

Notes on image rotation

Images that are protected or registered in an album cannot be rotated.
Playback on TV

1. Turn off the camera.

2. Attach the camera to the cradle.

3. Turn off the TV and connect the camera to the cradle using the provided AV cable.

4. Set the mode switch to \textcolor{red}{3} and turn on the camera.

5. Turn on the TV and set it to the video input mode. For details on switching to the video input mode, refer to the TV's instruction manual.

- To connect the cradle to a TV, use the provided AV cable.
- To play back images on a TV, use the provided AC adapter.
- Make sure that the camera’s video output signal type is the same as the TV’s video signal type. \textcolor{red}{3} “VIDEO OUT — Selecting the video signal type” (P. 129)
- The camera’s monitor turns off automatically when the AV cable is connected to the cradle.
- The image may appear off-center depending on the TV screen.
MOVIE PLAYBACK — Viewing movies

1. Display an image with the ☼ mark. 
   “Viewing sill images” (P. 72), “Index display” (P. 75)

2. Select MOVIE PLAYBACK in the menu. 
   ☼ P. 79

3. Select PLAYBACK.

   Movie play starts.
   - During movie play, frame-by-frame playback (☼ P. 89) or fast play (☼ P. 90) is also available.
   - To stop movie play, press MENU/OK to display the menu and select EXIT.

   Elapsed playback time/Overall recording time
   When playback ends, the menu is displayed. ☼ Step 4 (P. 91)
Frame-by-frame playback

1. Press MENU/OK.

2. Display the previous or next frame.

When the menu is displayed, the movie pauses.

Press MENU/OK to display the menu. Step 4 (P. 91)
Selecting functions from the playback menu

Fast play

1 Press MENU/OK.

2 Select FAST PLAY.

Rotate to select

Press to confirm

Select FORWARD or REVERSE.

When the menu is displayed, the movie pauses.

Fast play starts in the selected direction.

When movie play finishes, the menu is displayed. Step 4 (P. 91)
4 When movie play finishes and the menu is displayed, select EXIT.

When movie playback ends, the camera resumes normal playback. The first frame of the movie is displayed.
Protecting images (preventing accidental erasure)

Protect images you do not want to erase. Protected images cannot be erased by the selected frame/all-frame erase function.

1. Play back the image you want to protect.
   - “Viewing still images” (P. 72),
   - “Index display” (P. 75)

2. Set to ON in the menu.
   - P. 78

The mark is displayed. When protect is canceled, this mark disappears.

Notes on protecting images

Even if you protect images, they will be erased if you format the card.

“FORMAT — Formatting the card” (P. 103)
ERASE/ALL ERASE — Erasing images

Lets you erase recorded images. You can erase selected images or all the images stored in the card.

### Notes on erasing

- Protected images cannot be erased. Cancel protecting images, then erase them.
- Once erased, images cannot be restored. "Protecting images (preventing accidental erasure)" (P. 92)
- Images registered in an album cannot be erased. Cancel the registration, then erase the images. "UNDO ENTRY — Removing images from an album" (P. 111)

#### ERASE — Erasing selected images

1. Select ERASE in the menu.  
   - P. 78
   - To erase the currently displayed image  
     - See below
   - To select images to be erased  
     - P. 94

#### Erasing the currently displayed image

2. Select THIS IMAGE.

---

Control dial
BACK/NEXT button

MENU/OK button

### Erase selected images

- Select ERASE in the menu.  
- To erase the currently displayed image  
  - See below
- To select images to be erased  
  - P. 94

---

Control dial
BACK/NEXT button

MENU/OK button

### Erase selected images

- Select ERASE in the menu.  
- To erase the currently displayed image  
  - See below
- To select images to be erased  
  - P. 94
Selecting functions from the playback menu

3 Select YES.

The erase confirmation screen is displayed.
NO: Cancels erasing.

Displayed when erasing is in progress. When erasing is finished, this screen disappears.

5 Playback

Selecting images to be erased

2 Select SEL. IMAGE.

The mark appears on the selected image. Pressing MENU/OK again cancels the selection.

If you rotate the control dial with displayed in order to go to the next index screen, the SEL. IMAGE screen is displayed giving you the choice of resetting or keeping the selected images. “If the SEL. IMAGE screen is displayed” (P. 95)

3 Select the picture you want to erase.
4. Complete selecting the images.

Press BACK/NEXT

5. Select YES.

The erase confirmation screen is displayed.
NO: Cancels erasing.

Displayed when erasing is in progress. When erasing is finished, this screen disappears.

If the SEL. IMAGE screen is displayed

It is not possible to erase images with the mark on multiple screens. Reset or keep the selected images on the index screen before going to the next index screen.

RESET: Resets the selected images. The next screen is displayed. Do steps from step 3 (P. 94) of “Selecting images to be erased”.

KEEP: Keeps the selected images. The screen where you selected them is displayed again. To erase the selected images, press BACK/NEXT without rotating the control dial, then go to step 5.
ALL ERASE — Erasing all the images

1. Select ALL ERASE in the menu.  
   P. 78

2. Select YES.

The erase confirmation screen is displayed.
NO: Cancels erasing.

Displayed when erasing is in progress. When erasing is finished, this screen disappears.
BLACK & WHITE/SEPIA/— Editing still images

Lets you edit recorded still images and store them as new ones. The following editing functions are available.

BLACK & WHITE Creates black and white images and stores them as new ones.
SEPIA Creates sepia-toned images and stores them as new ones.

BLACK & WHITE/SEPIA/—

1 Play back the image you want to change to a black and white image or sepia-toned image. “Viewing still images” (P. 72), “Index display” (P. 75)

2 Select EDIT in the menu. P. 78

3 Select BLACK & WHITE or SEPIA.

4 When you have selected BLACK & WHITE: Select BLACK & WHITE.
When you have selected SEPIA: Select SEPIA.

The black and white image or sepia-toned image is displayed.
Selecting functions from the playback menu

**Resizing**

1. Play back the image you want to resize. “Viewing still images” (P. 72), “Index display” (P. 75)

2. Select EDIT in the menu. P. 78

3. Select .

4. Select the file size.

Displayed when editing is in progress. When editing is finished, this screen disappears.
Selecting functions from the playback menu

Notes on BLACK & WHITE, SEPIA and 

- In the following cases, EDIT is not available:
  - Movie
  - Images processed on a personal computer
  - When the card does not have enough memory
- When using the function, the file size 640 x 480 (E-MAIL VGA) cannot be selected for an image shot in 640 x 480.

Adding sound to recorded images

Sound can be added to a still image that you have already shot. You can also re-record over the sound that has already been recorded. Total recording time per image is approximately 4 seconds.

1. Play back the image you want to add sound to.
   “Viewing still images” (P. 72), “Index display” (P. 75)

2. Select in the menu. P. 78

   Microphone
   Control dial
   BACK/NEXT button

   MENU/OK button

   Press to confirm

   MENU/OK

   Rotate to select

   Exit 

   Select 

   Go 

   All Erase

   Start 

   Cancel 

   Go
Selecting functions from the playback menu

3 Turn the camera microphone toward the sound you want to record and start recording.

- To obtain the optimum sound, the microphone should be placed no farther than 1 m (3.3 ft.) away from the subject.
- If you re-record the sound, the original sound is erased.
- You may not be able to record sound when there is insufficient card memory (the CARD FULL message is displayed).
- Sound recording may pick up camera noises, such as button operation or shutter movement.
- Once sound has been added to an image, it is not possible to erase the sound only. In this case, make a re-recording without sound.

Notes on adding sound
INDEX — Making movie index

Movies can be displayed as indexes of 9 still frames and stored as still images on the card.

1. Play back the movie you want to index.

2. Select INDEX in the menu. P. 79

3. Select NEW FILE.

Displayed during indexing. When indexing is finished, this screen disappears.
Selecting functions from the playback menu

- The 9 frames extracted automatically from the movie appear as an index display.
- The index is stored as a still image in a different record mode from the original movie.

<table>
<thead>
<tr>
<th>Record mode when the movie is shot</th>
<th>Record mode when stored as an index</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD</td>
<td>BASIC 1M (1024 x 768 pixels)</td>
</tr>
<tr>
<td>EXTENDED</td>
<td>E-MAIL VGA (640 x 480 pixels)</td>
</tr>
</tbody>
</table>

Notes on movie indexing

- The interval between automatically extracted frames varies depending on the length of the movie.
- INDEX is not available if there is not enough memory on the card.
Selecting functions from the playback menu

π FORMAT — Formatting the card

Lets you format a card. Formatting prepares cards to receive data. Non-Olympus cards or cards formatted on a computer must be formatted with the camera before they can be used.

All data stored on the card, including protected images or images registered in an album, is erased when the card is formatted. When formatting a used card, confirm there are no images that you still want to keep on the card.

Formatting is also possible in the or mode.

1 Select π FORMAT in the menu. P. 78

2 Select YES.

CAUTION ERASING ALL
Displayed when formatting is in progress.

Notes on formatting

Do not perform any of the following actions during formatting as they may render the card unusable:
– Open the battery/card compartment cover.
– Remove the battery.
– Detach the camera from the cradle when using the AC adapter.
– Disconnect or connect the AC adapter. Never do this regardless of whether or not the battery is loaded in the camera.
6 Registering images in albums

You can classify images you have taken into albums and arrange them on the card. 12 albums are available and 100 images can be registered in each album. Images can be transferred from a PC to the albums on the card using CAMEDIA Master (included on the provided CD-ROM). “What you can do with the CAMEDIA Master software” (P. 189)

**ALBUM ENTRY — Registering images you shot**

1. **Turn on the camera in the ** mode.**

2. **Select ALBUM ENTRY in the menu.**  
   "P. 78"

Displays the first frame registered in an album as the “top” frame. If no image is registered, no image appears. “REARRANGE — Arranging the order of images in an album” (P. 110)

The SEL. ALBUM screen is displayed.

**ALBUM ENTRY**  
Registering images you shot

1. Turn on the camera in the ** mode.

   2. Select ALBUM ENTRY in the menu.  
      “P. 78”

   Displays the first frame registered in an album as the “top” frame. If no image is registered, no image appears. “REARRANGE — Arranging the order of images in an album” (P. 110)
Select the album in which you want to register images.

An image is displayed. Select the image you want to register.

Display the image you want to register before step 2 (P. 104).

During the registration process, this progress bar is displayed. When the bar disappears, the screen returns to normal playback.
Selecting images to register in the album

4 Select SEL. IMAGE.

5 Select images you want to register.

• The ✔ mark is displayed on the selected image. Pressing MENU/OK again cancels the selection.
• To select other images, repeat step 5.

You can also select images for single-frame playback.

It is not possible to register an image in multiple albums.
6 Complete selecting images.

If no image is selected, the screen returns to step 4.

7 Select YES.

During the registration process, this progress bar is displayed. When the bar disappears, the screen returns to normal playback.

Notes on ALBUM ENTRY

- It is not possible to erase images registered in the album. Before erasing the images, cancel the registration.
- Formatting the card also erases images registered in the album.
- It is not possible to register an image in multiple albums.
SEL. ALBUM — Viewing images in an album

Lets you view only the images registered in the albums.

1. Select SEL. ALBUM in the menu.  

2. Select the album you want to view.

3. Play back the images in the album.  

4. To exit album playback mode, select CLOSE ALBUM in the menu.

• The SEL. ALBUM screen is displayed.
• If no images are registered in the album, SEL. ALBUM is not available.

The top frame (frame number 1 in the album) is displayed.
Slideshows (sequential auto playback of images in an album)

You can run through all the images stored in an album automatically.

1. Play back the images (registered in the album) you want to view using slideshow. "SEL. ALBUM — Viewing images in an album" (P.108)

2. Select the image in the menu. (P.78)

3. Select TYPE.

4. Select START.

5. Stop slideshow.

Slideshow starts.

During slideshow, you can display the next or previous images by rotating the control dial.

Slideshow will be repeated until MENU/OK is pressed.
REARRANGE — Arranging the order of images in an album

Frame numbers are assigned to images in the album according to the order in which they are registered. These numbers control image ordering. Changing the frame numbers will change the image order, so you play back images in a different order during a slideshow.

If you change the frame number to 1, the image will be displayed as the “top” frame.

1. Play back the album to the point where you want to change the image order.
   “SEL. ALBUM — Viewing images in an album” (P. 108)

2. Display the image whose frame number you want to change.

3. Select REARRANGE in the menu. “P. 78

4. Change the frame number.

The frame number you selected is displayed.

The screen returns to album playback.
UNDO ENTRY — Removing images from an album

You can remove registered images from an album. The images are removed from the album, but remain stored on the card.

1. Play back an image in the album.
   "SEL. ALBUM — Viewing images of an album" (P. 108)

2. Select UNDO ENTRY in the menu.
   P. 78
   To remove the currently displayed image See below
   To select an image to remove P. 112

Removing the currently displayed image

3. Select THIS IMAGE.

4. Select YES.

The registration is canceled and the menu disappears.
Selecting an image to remove

3 Select SEL. IMAGE.

4 Select the image you want to remove.

5 Complete selecting the image.

6 Select YES.

The mark is displayed on the selected image. Pressing MENU/OK again cancels the selection.

If no image is selected, the screen returns to step 1.

The registration is canceled and the menu disappears.
UNDO ALL — Removing all the images registered in the album

All the images are removed from the album. Images removed from an album are not deleted and remain stored on the card.

1. Play back the album from which you want to remove all images. “SEL. ALBUM — Viewing images in an album” (P. 108)

2. Select UNDO ALL in the menu. P. 78

3. Select YES.

During the registration cancellation process, this progress bar is displayed. When the bar disappears, the screen returns to normal playback.
The SETUP menu functions available differ in the shooting mode and in the playback mode. Follow the basic procedure described on page 115 before you go to the instructions for each function.

<table>
<thead>
<tr>
<th>Mode switch</th>
<th>In the ( \square ) or ( \bigcirc ) mode</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>In the ( \bigtriangledown ) mode</td>
</tr>
<tr>
<td>P. 117*1</td>
<td>P. 118</td>
</tr>
<tr>
<td>P. 121*1</td>
<td>P. 119</td>
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<td>P. 120</td>
<td>P. 119</td>
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<td>P. 123</td>
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<td>P. 124</td>
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<td>P. 125</td>
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<tr>
<td>P. 127</td>
<td>P. 119</td>
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<tr>
<td>P. 129</td>
<td>P. 119</td>
</tr>
</tbody>
</table>

*1 Not available when the mode switch is set to \( \bigtriangledown \).
1 Turn on the camera in any mode.

2 Display the menu.

Press

The current setting is displayed.

Press

Returns to the previous menu screen.
(Exits the step menu screen.)

Rotate to select
Selects the item.

Press to confirm
Confirms your selection.
Selecting functions from the SETUP menu

3. Select SETUP.

4. Select the item.

5. Select the option and confirm it.

1. With $\text{OK}$, the screen returns to the SETUP menu. (You can make settings for subsequent menu items.)
2. With $\text{BACK}$, the screen returns to the shooting/playback menu from the SETUP menu.
3. With $\text{BACK}$ again, the screen exits the shooting/playback menu and returns to the shooting (playback) mode.

- Rotate to select
- Press to confirm
- Indicates there are more menu items following SHUTTER SOUND.
- A white frame shows the currently selected item.
- The options for the selected item are displayed.
- Depending on the item, another selection screen follows.
**REC VIEW — Checking the picture immediately after shooting**

You can select whether to display the picture you have just taken on the monitor.

**Available modes**

1. Select REC VIEW from the SETUP menu. P. 114

2. Select ON or OFF.

   - The picture you have just taken is displayed for about 3 seconds. This is useful for making a brief check of the picture you have just taken. You can release the shutter while the picture is being displayed.
   - The picture being recorded to the card is not displayed. This is useful when you want to compose your next shot using the monitor while the previous picture is being recorded.
INFO — Displaying shooting information on the monitor

You can display detailed shooting information on the monitor for 3 seconds in the playback mode. For details on the displayed information, refer to “Monitor indications” (P. 20).

Available modes

1. Select INFO from the SETUP menu.

2. Select ON or OFF.

Notes on the information display

If an image was shot with a different camera, only the date/time, file number and battery check information is displayed even when INFO is set to ON.
Changing the display language

You can change the language used for the on-screen display and error messages from ENGLISH to another language.

**Available modes**

1. Select 📷 from the SETUP menu. 📷 P. 114

2. Select a language.

![Setup menu]

Available languages differ depending on the region where the camera is sold.
Selecting functions from the SETUP menu

SCREEN — Setting the startup screen

You can select an image to display on the monitor every time the camera is turned on.

Available modes

1 Select SCREEN from the SETUP menu.

2 Select the startup image.

The selected startup image is played back.
SHUTTER SOUND — Setting the shutter sound

You can select the shutter sound, or mute the sound completely. You can also set the shutter sound volume to either LOW or HIGH.

Available modes

1. Select SHUTTER SOUND from the SETUP menu. P. 114

2. Select the shutter sound.

   - The sample sound of the selected option is played back.
   - When the shooting mode is set to MUSEUM (P. 49), no sound options are available.

When OFF is selected in the above screen, the volume selection screen is not displayed.
SELECTING functions from the SETUP menu

VOLUME — Selecting the playback volume

You can select LOW or HIGH volume when playing back a movie or a still image or when turning the camera on/off. You can also mute the sound completely.

Available modes

1. Select VOLUME from the SETUP menu.
   P. 114

2. Select the volume.

   The sample volume of the selected option is played back.

Using your camera effectively
BEEP — Setting the button operation sound

You can select the sound emitted when a button is pressed, or mute the sound completely. You can also set the button sound volume to either LOW or HIGH.

Available modes

1 Select BEEP from the SETUP menu.

2 Select the operation sound.

- The sample sound of the selected option is played back.
- When the shooting mode is set to MUSEUM (P. 49), no sound options are available.

When OFF is selected in the above screen, the volume selection screen is not displayed.
Setting the warning tone

You can change the volume of the beep sound used for warnings or turn the sound off completely.

1. Select ⌁ from the SETUP menu. P. 114

2. Select the volume.

- The sample sound of the selected option is played back.
- When the shooting mode is set to MUSEUM (P. 49), no sound options are available.
Selecting functions from the SETUP menu

Adjusting the monitor brightness

Lets you adjust the brightness of the monitor.

Available modes

1. Select \( \square \) from the SETUP menu.
   
   P. 114

2. Adjust the brightness.

Using your camera effectively
Selecting the number of images

You can select the number of frames displayed in an index display (P. 75).

Available modes

1. Select from the SETUP menu.
   P. 114

2. Select the number of images.

   Rotate to select

   MENU/OK button

   Control dial

   BACK/NEXT button

   Mode switch

   4-frame index display

   16-frame index display
Setting the date and time

Select from the SETUP menu.

1. Select \( \text{\textbullet} \) from the SETUP menu.

   - P. 114

   Rotate to select
   - Press to confirm
   - \( \text{MENU/OK} \)

2. Set the date/time.

   **Select the date format:**
   - [Y-M-D (Year/Month/Day)], [M-D-Y (Month/Day/Year)], [D-M-Y (Day/Month/Year)].

   - The following instructions show the procedure used when the date and time settings are set to Y-M-D.

   - Moves to the year setting. The first two digits of the year are fixed.

Using your camera effectively
Selecting functions from the SETUP menu

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

With the cursor on SET, press MENU/OK.

3 The time is displayed in the 24-hour format. For example, 2 p.m. will be displayed as 14:00.

The clock starts after completing step 3.

Date/Time Setting Cautions

- The current date/time settings are retained even when the power is turned off.
- The date/time settings will be canceled and the factory default settings will be restored if the camera is left with no battery for approximately 1 day. The settings will be canceled more quickly if the battery was only loaded in the camera for a short time before being removed. After loading the battery, check that the date/time settings are correct.
- If the date/time settings have been canceled, the warning message appears on the monitor when the camera is powered on. “Error codes” (P. 192)
VIDEO OUT — Selecting the video signal type

You can select NTSC or PAL according to your TV’s video signal type. When you use the camera abroad, select the video signal type for that region before connecting the AV cable.

1 Select VIDEO OUT from the SETUP menu.  P. 114

2 Select the video signal type.

Available modes

Control dial
BACK/NEXT button
MENU/OK button

TV video signal types & main regions
Check the video signal type before connecting the camera to your TV.
NTSC  North America, Japan, Taiwan, Korea
PAL  European countries, China
Selecting functions from the SETUP menu

PIXEL MAPPING — Checking the image processing functions

The pixel mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. After taking pictures or playing them back, wait for at least one minute before using the pixel mapping function to ensure that it operates correctly.

Available modes

1. Select PIXEL MAPPING from the SETUP menu. P. 114

   - This bar is displayed to show the progress of pixel mapping.

   - If you accidentally turn the camera off during pixel mapping, be sure to operate pixel mapping again.

   - Notes on pixel mapping

   - If you accidentally turn the camera off during pixel mapping, be sure to operate pixel mapping again.
Print reservation allows you to save printing data (the number of prints and the date/time information) with the pictures stored on the card. With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a photo lab that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. You can print out pictures automatically, at home or in a photo lab, by storing such data as which pictures you wish to print and the number of prints on a card.

Pictures taken with print reservation can be printed using the following procedures.

**Printing using a DPOF-compatible photo lab**
You can print the pictures using the print reservation data.

**Printing using a DPOF-compatible printer**
Printing is possible directly from a card containing print reservation data without using a PC. For more details, refer to the printer’s instruction manual. A PC card adapter may also be necessary.
How to print pictures

**Picture size and printing**

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

If you want to print large, high-quality pictures, set the record mode as high as possible when taking the pictures. “Selecting the record mode” (P. 66)

---

<table>
<thead>
<tr>
<th>Notes on print reservation</th>
</tr>
</thead>
</table>
| • DPOF reservations set by another device cannot be changed by this camera. Make changes using the original device.
| • If a card contains DPOF reservations set by another device, entering reservations using this camera may overwrite the previous reservations.
| • If there is not enough space in the card memory, CARD FULL will be displayed and you may not be able to enter the reservation data.
| • You can make DPOF print reservations for up to 999 images per card.
| • Not all functions may be available on all printers or at all photo labs.
| • Print reservation may take considerable time when saving printing data to a card. |
Selecting the print reservation mode

Two print reservation modes are available: single-frame reservation and all-frame reservation.

- Single-frame reservation: Applies print reservation to selected pictures. (P. 136)
- All-frame reservation: Applies print reservation to all the pictures stored in the card or album. (P. 140)

1. Play back a still image. (P. 72)

2. Select in the menu. (P. 78)

When the following screens are displayed after doing step 2, refer to the respective pages.

- If there are images to which print reservation has been applied on the card. (P. 134)
- If there are images registered in the album on the card. (P. 135)

Print reservation cannot be applied to pictures with (movie) mark.
If there are images to which print reservation has been applied on the card.

1. Keep or reset the print reservation.

   - Keep: Keeps the print reservation.
   - Reset: Resets the print reservation.

2. Select the print reservation mode.

   - If there are images registered in the album on the card, go to 1 on page 135 after this step.

   - P. 136
   - P. 140
If there are images registered in the album on the card.

1. Select the item you want to apply print reservation to.

   Rotate to select
   Press to confirm
   MENU/OK

   PRINT ORDER SETTING

   ALL IMAGES
   ALBUM

   CANCEL BACK SELECT → GO OK

   ALL IMAGES: Selects from all the pictures stored in the card. Go to step 3.
   ALBUM: Selects from all the pictures registered in the selected album. Go to step 2.

2. Select the album.

   Rotate to select
   Press to confirm
   MENU/OK

   SEL. ALBUM

   Top frame of the album
   Number of the album you select

3. Select the print reservation mode.

   Rotate to select
   Press to confirm
   MENU/OK

   PRINT ORDER

   P. 136
   P. 140

4. Select the print reservation mode.

   Rotate to select
   Press to confirm
   MENU/OK

   PRINT ORDER

   P. 136
   P. 140
Single-frame reservation

Lets you apply print reservation to selected pictures. You can change print reservation data you’ve already made, such as the number of prints or date and time setting. Display the picture to be printed and select the desired number of prints.

1 Select .

2 Select the picture you want to apply print reservation to.

Select .

Display the picture to select. is displayed on the picture that has been applied print reservation.

You can select the picture using index display. “Index display” (P. 75)

When you apply print reservation to pictures stored in the album, index display is not available.
3 Set the print reservation items as desired.

SINGLE PRINT : Sets the number of prints to 1.

\[\text{\(x\)}\] : Sets the number of prints. \(\text{\textcolor{red}{P. 138}}\)

END : Complete print reservation, then go to date/time setting (\(\text{\textcolor{blue}{P. 138}}\)).

The screen returns to the picture selection screen.

Applies print reservation to other pictures.

\(\text{\textcolor{red}{P. 136}}\)
When you have selected \[ \times \]

4. Select the number of prints.

The screen returns to step 2. It is possible to apply print reservation to other pictures. P. 136

When you have selected END

4. Select the items of the date and time setting (\( \mathcal{H} \)).

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

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

TIME : All the selected pictures are printed with the shooting time.
Single-frame reservation

5 Select SET.

Select CANCEL to cancel the print reservation.

The print reservation you made is being stored. When storing is finished, the screen returns to the playback menu.

This mark is not displayed if the number of the prints is set to 1.

Picture with print reservation

8 Making print reservations and printing at photo labs
All-frame reservation

Lets you apply print reservation to all the pictures stored in the card or album. You can add the shooting date or time for each picture. One print is made for each frame.

1 Select 1.

2 Select the items of the date and time setting (2).
   NO : The pictures are printed without the date and time.
   DATE : All the pictures are printed with the shooting date.
   TIME : All the pictures are printed with the shooting time.
All-frame reservation

3 Select SET.

SELECT SET.

Select CANCEL to cancel the print reservation.

The print reservation you made is being stored. When storing is finished, the screen returns to the playback menu.

Print reservation

Picture with print reservation
Resetting print reservation

Lets you reset print reservation data. You can reset all print reservation data or just that for selected pictures.

**Resetting the print reservation data for all pictures**

1. **Play back a still picture.** "Viewing still images" (P. 72)

2. **Select in the menu.** P. 78

3. **Select RESET.**

**Resetting the print reservation data for a selected picture**

1. **Select in the menu.** P. 78

   All print reservations are reset.

   If print reservation has not been applied to any pictures, this screen is not displayed.

   Control dial
   BACK/NEXT button
   MENU/OK button
Resetting print reservation

2 Select KEEP.

3 Select .

4 Select the picture with print reservation data you want to reset.

5 Set x to 0.
Resetting print reservation

6 Complete resetting the print reservation.

8 Select END.

• The screen returns to step 4.
• To reset print reservation for other images, repeat steps 4 and 5.
8 Select the date and time setting items ( ).

This setting is applied to any pictures with print reservation data that have not been reset.

9 Select SET.

The print reservations for the selected pictures are reset.
9 Printing on a PictBridge-compatible printer (direct printing)

Direct printing

By connecting the camera to a PictBridge-compatible printer with the USB cable, you can print out recorded pictures directly. With the camera connected to the printer, select the pictures you want to print and the number of prints on the camera’s monitor. It is also possible to print out pictures using the print reservation data. “How to print pictures” (P. 131)

To find out if your printer is compatible with PictBridge, refer to the printer’s instruction manual.

- PictBridge
  - It is the standard for connecting digital cameras and printers of different makers and printing out pictures directly.

- STANDARD
  - All printers that support PictBridge have standard print settings. By selecting STANDARD on the settings screens (P. 152 to 167), you can print pictures according to these settings. For details on your printer’s standard settings, refer to the printer’s instruction manual or contact the printer manufacturer.

- Printer’s accessories
  - For details of printing paper types, ink images, etc., refer to the printer’s instruction manual.

- Notes on direct printing
  - You are recommended to use the provided AC adapter when printing pictures. If you use the battery, make sure that it is fully charged. If the camera stops operating while communicating with the printer, the printer may malfunction or image data may be lost.
  - Movies cannot be printed.
Connecting the camera to a printer

1. Look for this mark. Insert the USB cable’s plug into the USB port on the printer.
   - Control dial
   - BACK/NEXT button
   - MENU/OK button
   - For details on how to turn the printer on and the position of the USB port, refer to the printer’s instruction manual.

2. Insert the USB cable into the USB connector on the cradle.

3. Attach the camera to the cradle.
   - Align the cradle connector with the connector end on the cradle.
Connecting the camera to a printer

4 Select PRINT.

If PC is selected, the PRINT MODE SELECT screen is not displayed. Remove the USB cable and repeat the procedure from step 1 again.

If END is selected, the camera is not recognized by the printer. In the or mode, the camera turns off and in the mode the camera resumes normal playback.

If the selection screen disappears, press the POWER switch to turn the camera on again. Alternatively, you can detach the camera from the cradle, then repeat the procedure from step 3.
When there are pictures registered in the album

1 Select the picture you want to print.

ALL IMAGES: Selects from all the pictures stored in the card. Go to “Selecting the print mode” (P. 150).

ALBUM: Selects pictures from the album. Go to step 5.

2 Select the album.

5 Go to “Selecting the print mode” (P. 150).
Selecting the print mode

After completing the steps in “Connecting the camera to a printer” (P. 147), the PRINT MODE SELECT screen is displayed on the camera’s monitor. Select the print mode on this screen, then print. The available print modes are as follows:

- Prints all the pictures stored in the card or album and makes one print for each picture. P. 162
- Prints selected pictures. P. 152
- Prints an index of all the pictures stored in the card. P. 165
- Makes split print with an picture inset in each split-plane. P. 157

Print modes and the settings

The available print modes and settings such as paper size vary depending on the type of printer. For details, refer to the printer’s instructions.
Select the print mode on the PRINT MODE SELECT screen.

1. Select the print mode on the PRINT MODE SELECT screen.

Go to the screen for the print mode you have selected and follow the steps.

PRINT P. 152
ALL PRINT P. 162
ALL INDEX P. 165
PRINT ORDER P. 167

MULTI PRINT P. 157
PRINT — Printing selected pictures

1 Select the print paper items to set.
   SIZE : Selects the paper size.
   BORDERLESS : Selects the frame setting on the paper.

   Set SIZE.
   Set BORDERLESS.

2 Select END.

If neither screen is displayed, each setting is set to STANDARD.

BORDERLESS setting
ON : The picture is printed filling the entire page.
OFF : The picture is printed inside a blank frame.
Select the picture you want to print.

You can select the picture using index display.

“Index display” (P. 75)

When you selected ALBUM (P. 149), index display is not available.

If you press MENU/OK with no picture reservation applied, one copy of the displayed picture will be printed. Go to step 3.

If you selected SINGLE PRINT, print reservation is applied with the number of prints set to 1 and with no date/time or file name. Go to step 7.

Select how to print.

This screen is displayed if there are already pictures with print reservation applied.

This cancels/changes the settings you have made.
PRINT — Printing selected pictures

5 Select the MORE items to set.

Set the options for each item.

Select the DATE option.

Select the FILE NAME option.

Select the \( \square x \) option.

The number of prints can be set up to 10.

DATE: WITH prints the date and time on the picture.

FILE NAME: WITH prints the file name on the picture.
6 Select END.

The settings you have made are displayed.

7 Print using the settings you have made.

The settings you have made are displayed.

Changes the settings.

Selects other pictures to be printed.

The step CANCEL/MORE screen is displayed again.

Go to step 3.
Select OK to start printing.

8

CANCEL resets the settings. The PRINT MODE SELECT screen is displayed again. Step 7 of “Selecting the print mode” (P. 150)

Displayed during print data transfer. When printing is finished, the PRINT MODE SELECT screen is displayed again. “Exiting direct printing” (P. 169)

If you print pictures without doing step 3, the screen returns to step 3.

Canceling printing
Press MENU/OK during data transfer to the printer. When the screen is displayed as shown to the right, select CANCEL.

9

Printing on a PictBridge-compatible printer
MULTI PRINT — Printing multiple pictures on one page

1 Select the print paper items to set.
   SIZE : Selects the paper size.
   PICS/SHEET: Selects the number of pictures per sheet.

   Set SIZE. Set PICS/SHEET.

   If either screen is not displayed, SIZE is set to STANDARD and
   PICS/SHEET is set to the maximum number that the printer supports.

2 Select END.
3 Select the picture you want to print.

You can select the picture using index display.
“Index display” (P. 75)

Sets the number of prints.

When you selected ALBUM (P. 149), index display is not available.

If you press MENU/OK with no picture reservation applied, one copy of the displayed picture will be printed. Go to step 3.

If you selected SINGLE PRINT, print reservation is applied with the number of prints set to 1. Go to step 7.

4 Select how to print.

This screen is displayed if there are already pictures with print reservation applied.
This cancels/changes the settings you have made.
5 Select \( \times \).

\[ \text{PRINT INFO} \]

\( \times \) : Selects the number of prints. The number of prints can be set up to 10.

6 Select END.

7 Select END.
Print using the settings you have made.

Press to confirm

MENU/OK

Changes the settings.

Selects other pictures to be printed.

Press to confirm

Multi print

Number of prints

The settings you have made are displayed.

The step CANCEL/MORE screen is displayed again.

Go to step 5.
8 Select OK to start printing.

CANCEL resets the settings. The PRINT MODE SELECT screen is displayed again. See Step 7 of “Selecting the print mode” (P. 150).

Displayed during print data transfer. When printing is finished, the PRINT MODE SELECT screen is displayed again. See “Exiting direct printing” (P. 169).

If you print pictures without doing step 3, the screen returns to step 3.

Canceling printing
Press MENU/OK during data transfer to the printer. When the screen is displayed as shown to the right, select CANCEL.
ALL PRINT — Printing all the pictures stored in the card/album

1 Select the print paper items to set.
  SIZE : Selects the paper size.
  BORDERLESS: Selects the frame setting on the paper.

- Set SIZE.
- Set BORDERLESS.

2 Select END.

BORDERLESS setting
ON: The picture is printed filling the entire page.
OFF: The picture is printed inside a blank frame.

If neither screen is displayed, each setting is set to STANDARD.
3 Select the MORE items to set.

- Select the DATE option.
- Select the FILE NAME option.

4 Select END.

- The number of prints is fixed at 1.
- DATE: WITH prints the date and time on the picture.
- FILE NAME: WITH prints the file name on the picture.
Select OK to start printing.

Canceling printing
Press MENU/OK during data transfer to the printer. When the screen is displayed as shown to the right, select CANCEL.
ALL INDEX — Printing an index of all the pictures stored in the card

1 Select SIZE.
   
   Set SIZE.
   
2 Select END.
   
If this screen is not displayed, SIZE is set to STANDARD.
ALL INDEX — Printing an index of all the pictures stored in the card

3 Select OK to start printing.

CANCEL resets the settings. The PRINT MODE SELECT screen is displayed again. Step 7 of “Selecting the print mode” (P. 150)

Displayed during print data transfer. When printing is finished, the PRINT MODE SELECT screen is displayed again. “Exiting direct printing” (P. 169)

Notes on ALL INDEX

- In the ALL INDEX mode, the printer automatically selects the number of pictures per sheet, etc.
- The ALL INDEX mode is not available with printers that do not support index printing.

Canceling printing
Press MENU/OK during data transfer to the printer. When the screen is displayed as shown to the right, select CANCEL.
PRINT ORDER — Printing with print reservation

1 Select the items of print paper.
   SIZE : Selects the paper size.
   BORDERLESS: Selects the frame setting on the paper.

   **Set SIZE.**

   **Set BORDERLESS.**

   BORDERLESS setting
   ON : The picture is printed on the entire page.
   OFF : The picture is printed inside a blank white frame.

   If neither screen is displayed, each setting is set to STANDARD.

2 Select END.
3 Select OK to start printing.

Canceling printing
Press MENU/OK during data transfer to the printer. When the screen is displayed as shown to the right, select CANCEL.
Exiting direct printing

1 Press BACK/NEXT on the PRINT MODE SELECT screen.

The camera turns off.

When printing is finished or canceled, this screen is displayed.
If an error code is displayed

- If an error code is displayed during direct printing setting or printing, see the following table.
- For more details on solutions, refer to the printer’s instruction manual.
- If other codes are displayed, refer to “Error codes” (P. 192).

<table>
<thead>
<tr>
<th>Monitor indication</th>
<th>Possible cause</th>
<th>Corrective action</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO CONNECTION</td>
<td>The camera is not connected to the printer correctly.</td>
<td>Disconnect the camera and connect it again correctly.</td>
</tr>
<tr>
<td>NO PAPER</td>
<td>There is no paper in the printer.</td>
<td>Load some paper in the printer.</td>
</tr>
<tr>
<td>NO INK</td>
<td>The printer has run out of ink.</td>
<td>Replace the ink cartridge in the printer.</td>
</tr>
<tr>
<td>JAMMED</td>
<td>The paper is jammed.</td>
<td>Remove the jammed paper.</td>
</tr>
<tr>
<td>SETTINGS CHANGED</td>
<td>The printer’s paper cassette has been removed or the printer has been manipulated while making settings on the camera.</td>
<td>Do not manipulate the printer while making settings on the camera.</td>
</tr>
<tr>
<td>PRINT ERROR</td>
<td>There is a problem with the printer and/or camera.</td>
<td>Turn off camera and printer. Check the printer and remedy any problems before turning the power on again.</td>
</tr>
<tr>
<td>CANNOT PRINT</td>
<td>Pictures recorded on other cameras may not be printed on this camera.</td>
<td>Use a personal computer to print.</td>
</tr>
</tbody>
</table>
By connecting the camera to a computer with the USB cable, images stored on a card can be transferred to the computer. Some OS’s (operating systems) may need a special setup before connecting to the camera for the first time. Follow the chart below.

For details, see the Olympus web site.

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**Identifying the OS**

- Windows 98/98 SE (Second Edition)
- Windows Me/2000/XP
- Mac OS 9.0 - 9.2/OSX

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**Installing the USB driver for Windows 98**

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**Connecting the cradle to the computer using the provided USB cable and placing the camera on the cradle**

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**Confirming the computer recognizes the camera**

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**Downloading image files**

(Windows P. 181, Mac P. 183)

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**Disconnecting the camera from the computer**

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

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

- When connecting the camera to the computer, use the provided AC adapter. When connected (transmitting) to the computer, the camera may stop operating if battery power runs low. This could cause the computer to malfunction, and any image data (file) being transmitted may be lost.
- To avoid computer malfunctions, do not turn off the camera when the camera is connected to a computer.
- If the camera is connected to the computer via a USB hub, operation may not be stable if there are any compatibility problems between the computer and the hub. In such cases, do not use the hub and connect the camera (cradle) directly to the computer instead.
Transferring images to a computer

**Flowchart**

### Viewing or processing images downloaded to the computer

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

### Viewing movies on the computer

You need to install QuickTime in your computer for playing back movies. QuickTime is included in the provided CD-ROM. You can install QuickTime as well as CAMEDIA Master software included in the same CD-ROM.

### When your computer cannot read the camera’s image data with the USB connection

Transferring the image data to the computer is possible for some OS with the use of the optional PC card adapter for the xD-Picture Card. For details, see the Olympus web site.
Identify the OS on your computer before connecting the camera. How to identify the OS depends on the computer.

**Windows**

1. **Double-click the [My Computer] icon on your desktop.**
   When the [My computer] icon is not on your desktop, select [Setup] — [Control Panel] by clicking from the [Start] menu.
   Or

2. **Double-click the [Control Panel] icon.**

3. **Double-click the [System] icon.**
   The way the file icons inside the folder appear may vary depending on your version of Windows. If you don’t see the icon you are looking for, click on [view all Control Panel options] on the left of the window.
Identifying the OS

4 A System Properties window will appear. Note and record the [System:] information. Confirm that your system is Windows 98, 98 SE, Me, 2000 Professional or Windows XP, then press [OK] to close the window.

If your OS is Windows 98/98 SE, proceed to “Installing the USB driver for Windows 98” P. 176.

Mac OS (Macintosh)

Select [About This Computer] (or [About This Mac]) from the Apple menu on the menu bar. A window appears with the name of the computer’s OS. Confirm that the OS is OS 9.0 - 9.2 or OS X.
Installing the USB driver for Windows 98
(When using Windows 98/98 SE)

If your OS is Windows 98/98 SE, you must install the USB driver. Follow the instructions below to install the USB driver in your computer. Once it is fully installed, you do not need to repeat the procedure again.
If your OS is Windows Me/2000/XP, you do not need to install the USB driver.
“Connecting the camera to the computer” (P. 178).

1 Insert the provided software CD into your CD-ROM drive.
The Olympus Windows Installer should automatically launch.

2 Click [USB driver for Windows 98]. If the USB driver is already installed in your computer, this option will not appear.

If the installer is not automatically launched, select [Run..] on the [Start] menu and then execute [\drive letter\:\Information.exe].

The drive letter of the CD-ROM
The drive letter of the CD-ROM varies depending on the computer. To identify the drive letter, double-click [My Computer] on the desktop.
3 Click [Continue].
   The installation of the USB driver will start. When the installation is complete, the screen
   indicating your computer must be restarted appears.

4 Click [OK].
   The computer will restart. If the Olympus Windows Installer screen appears, click [Close] and remove
   the CD-ROM from the CD-ROM drive.
Connecting the camera to the computer

Users running Windows 98/98 SE need to install the USB driver before connecting the camera to your computer for the first time. "Installing the USB driver for Windows 98" (P. 176)

1 Insert the marked end of the provided USB cable into the USB port on your computer.

2 Insert the provided USB cable into the USB connector on the cradle.

3 Attach the camera to the cradle.

The selection screen for the USB connection is displayed.

The location of the USB port varies depending on the computer. For details, refer to your computer's manual.
4 Rotate the control dial to select [PC] and press MENU/OK.

- If the selection screen disappears, press the POWER switch to turn the camera on again. Alternatively, you can detach the camera from the cradle, then repeat the procedure from step 3.

5 The computer recognizes the camera as a new device.
- Windows 98/98 SE/Me/2000
  When you connect the camera to the computer for the first time, the computer automatically recognizes the camera. Click [OK] when the message saying that the installation is completed appears.
  The computer recognizes the camera as a [Removable Disk].
Connecting the camera to the computer

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

- **Mac OS 9**
  The [untitled] icon appears on the desktop. If you cannot find this icon, turn off the camera and connect again.

- **Mac OS X**
  The Apple Image Capture software automatically launches. The [NO_NAME] icon appears on the desktop.

---

**Note**

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

**Windows 98/98 SE/Me/2000/XP**

1. **Double-click the [My Computer] icon on the desktop.**
   For users running Windows XP, click [My Computer] from the [Start] menu.

2. **Double-click the [Removable Disk] icon.**
   If the computer recognizes the camera correctly, the [Removable Disk] icon will appear on the desktop.

   If an error message appears when you double-click the icon, there may be a problem with one of the following:
   - The camera’s power source (the AC adapter is not properly connected or the battery power is low.)
     Make sure that the AC adapter is correctly connected or that the battery is not running low.
   - The card (there is no card in the camera or there is a problem with the card.)
     Check that you can play back pictures stored on the card on the monitor of your camera.

3. **Double-click the [DCIM] folder.**
4 Double-click the [100OLYMP] folder.
Image file (JPEG files) with file names such as [P1010001.JPG] are displayed.

5 Double-click the [My Documents] icon on the desktop.
If you cannot find this icon, select [Explorer] to display the [Explorer] window on the [Start] menu, then double-click the [My Documents] icon.

The [My Documents] window is displayed.

6 Drag and drop the image you want to save in the computer (in this case, P1010012.JPG) to the [My Documents] window.
The image is saved in the computer (in My Documents folder).


**Viewing the image files**

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

---

**Notes on downloading images**

The card access mark on the camera’s monitor blinks while the image is being downloaded. Never remove the camera from the cradle, or disconnect the USB cable while the mark is blinking as the image files may be destroyed.

---

**Macintosh**

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

1. **Double-click the [untitled] icon displayed on the desktop when the camera is connected to the computer.**

   If you cannot find this icon, or if an error message appears when you double-click the icon, there may be a problem with one of the following:
   - The camera’s power source (the AC adapter is not properly connected or the battery power is low.)
   - The card (there is no card in the camera or there is a problem with the card.)
   - Check that you can play back pictures on the monitor of your camera.
   - The USB cable (the camera is not properly connected to the computer by the USB cable.)
2 Double-click the [DCIM] folder.

3 Double-click the [100OLYMP] folder.

Image files (JPEG files) with files names such as [P1010001.JPG] are displayed.

4 Double-click the [Macintosh HD] icon on the desktop.
Downloading images to your computer

The [Hard Disk] window is displayed.

5 Drag and drop the image you want to save in the computer (in this case, P1010012.JPG) to the [Hard Disk] window.
   The image is saved in the computer (in the Hard disk).

**Viewing the image files**

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

**Notes on downloading images**

The card access mark on the camera’s monitor blinks while the image is being downloaded. Never remove the camera from the cradle, or disconnect the USB cable while the mark is blinking as the image files may be destroyed.
**Mac OS X**

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

1. **From the [Download To] menu, select a destination folder.**

2. **To download all images, click [Download All].**
   To selectively download images, click [Download Some] and highlight the desired images.

   The images are transferred from the camera to your computer.

---

**Downloading images using the same procedure as for Mac OS 9**

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

---

**Precaution when using Apple Image Capture**

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

1 Make sure that the card access mark on the camera’s monitor goes out.

2 Windows 98/98 SE:
   ① Double-click the [My Computer] icon and right-click the [Removable Disk] to display the menu.
   ② Click [Eject] on the menu.

Windows Me/2000/XP:
   ① In the System Tray, click the Remove Hardware icon.
   ② Click on the message [Stop USB Mass Storage Device].
   ③ Click [OK] on the window [USB Mass Storage Device can now be safely removed from the system].
**Disconnecting the camera from your computer**

**Macintosh:**
1. Drag the [untitled] (or [NO_NAME]) icon on the desktop to [Trash].
2. The icon that shows the camera is communicating with the computer disappears.

**Precaution when disconnecting the camera from a computer**

Windows Me/2000/XP: When you click [Unplug or Eject Hardware], the window may return the following message. In such case, make sure that no image data is being downloaded from the camera, and that there are no applications open that were accessing the camera image files. Close any such applications and click [Unplug or Eject Hardware] again and then remove the cable.
What you can do with the CAMEDIA Master software

The provided software CD includes the Olympus CAMEDIA Master software, the software for viewing and editing images. Once installed, you can take advantage of viewing and editing your images as shown below. For information on how to use the CAMEDIA Master software, see Help after installation.

Transferring images to a computer

Editing images
You can rotate, trim, or compensate for the image distortion.

Creating panorama images
You can make a panorama from the photos you have taken using the panorama function.

Grouping and managing images
You can organize images by grouping or create photo albums.

A variety of printing formats
You can create a calendar or postcard with the recorded pictures.

Transferring images from a computer to the camera’s albums
Images and movies selected with the CAMEDIA Master software can be transferred to the camera’s albums.

Transferring the camera’s albums to your computer
Albums created on the camera can be transferred to your computer and played back with CAMEDIA Master.

Transferring images from the camera or removable media to your computer

The Olympus CAMEDIA Master software is included in the provided CD-ROM. For details, refer to the CAMEDIA Master software user’s guide.
11 Accessories

AC adapter

The camera uses a cradle for recharging its battery. To power the camera from a common AC wall outlet, use the included Olympus CAMEDIA-brand AC adapter. ~ P. 27

The provided AC adapter is exclusively for use with Olympus digital cameras that require 4.8V DC input. With the AC adapter plugged into an electrical outlet, you can operate your Olympus digital camera for an extended period of time indoors. When you use the adapter overseas, a multiplug is needed to fit into local power outlets. For details on multiplugs, consult a travel agency.

⚠ AC adapter precautions

- Use an AC adapter designed to operate on the AC voltage in the area the camera is being used.
- The AC adapter is exclusively for indoor use.
- Turn off the camera when disconnecting any power adapter cables from the camera or wall outlet. Not doing so could affect the camera’s internal settings or functions.
- The AC adapter may become hot when used, but this does not indicate a product malfunction.
- The AC adapter may emit a beeping sound, but this does not indicate a product malfunction.
- When using the AC adapter near a radio, your radio may experience electrical frequency interference. Keep the adapter as far from the radio as possible.

Main specifications

Input voltage : AC100 - 240V, 50/60Hz, 23 - 32VA, 13W
Output voltage : DC4.8V, 2.0A
Operating environment : 0 - 40°C (32 - 104°F)
Storage environment : −10 - 70°C (14 - 284°F)
Dimensions : 47mm (W) x 72mm (H) x 27mm (D) (1.9" x 2.8" x 1.1")
Weight : Approx. 160 g (0.4 lb) (excluding the power cable)
Cable length : Approx. 1.8m (20 yds)

Specifications are subject to change without notice or obligation by the manufacturer.
The memory card (xD-Picture Card) is the ultra-compact data storage medium designed for digital cameras, and is for exclusive use with digital cameras compatible with the xD-Picture Card. The card can be also used with the computer as the PC card conforming to PC Card Standard ATA.

⚠ Precautions when using the card

- Never put the card where infants or toddlers can reach them as they could be accidentally swallowed.
- Improper use of the card could result in damage and loss of data on the card. Once lost, data cannot be restored. Be careful of the following when using the card.
  - Do not bend or vibrate the card.
  - Do not store the card in areas of high temperature, high humidity, or high dust content.
  - Do not get the card wet.
  - Do not touch the card’s metal connector part, or touch it to any other metal.
  - Never turn off the power, disturb the card, or remove the card or battery while the card is writing/reading data.
- When the card is worn out from overuse, replace it with a new one.
- The card cannot be used if it is formatted on the computer or other devices. Be sure to format the card on your camera before use.

Main specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory type</td>
<td>NAND Flash EEP-ROM</td>
</tr>
<tr>
<td>Operating environment</td>
<td>Temperature 0 - 55°C (32 - 131°F) (operation)</td>
</tr>
<tr>
<td></td>
<td>-20 - 65°C (-4 - 149°F) (storage)</td>
</tr>
<tr>
<td></td>
<td>Humidity 95% or less</td>
</tr>
<tr>
<td>Drive voltage</td>
<td>3V (3.3V)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Approx. 20mm (L) x 25mm (W) x 1.7mm (H)</td>
</tr>
<tr>
<td></td>
<td>(0.8&quot; x 1.0&quot; x 0.1&quot;)</td>
</tr>
</tbody>
</table>
## 12 Miscellaneous

### Error codes

<table>
<thead>
<tr>
<th>Monitor indication</th>
<th>Possible cause</th>
<th>Corrective action</th>
</tr>
</thead>
<tbody>
<tr>
<td>![NO CARD] NO CARD</td>
<td>The card is not inserted, or it cannot be recognized.</td>
<td>Insert a card or insert a different card. If the problem persists, format the card. If the card cannot be formatted, it cannot be used.</td>
</tr>
<tr>
<td>![CARD ERROR] CARD ERROR</td>
<td>There is a problem with the card.</td>
<td>Use a different card. Insert a new card.</td>
</tr>
<tr>
<td>![WRITE PROTECT] WRITE PROTECT</td>
<td>Writing to the card is prohibited.</td>
<td>The recorded image has been protected (read-only) on a PC. Download the image to a PC and cancel the read-only setting.</td>
</tr>
<tr>
<td>![CARD FULL] CARD FULL</td>
<td>The card is full. No more pictures, movies or information such as print reservations can be recorded.</td>
<td>Replace the card or erase unwanted pictures. Before erasing, download important images to a PC.</td>
</tr>
<tr>
<td>![NO PICTURE] NO PICTURE</td>
<td>There are no pictures on the card.</td>
<td>The card contains no pictures. Record pictures.</td>
</tr>
<tr>
<td>![PICTURE ERROR] PICTURE ERROR</td>
<td>There is a problem with the selected image and it cannot be played back on this camera.</td>
<td>Use image processing software to view the image on a PC. If that cannot be done, the image file is damaged.</td>
</tr>
</tbody>
</table>
## Error codes

<table>
<thead>
<tr>
<th>Monitor indication</th>
<th>Possible cause</th>
<th>Corrective action</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARD-COVER OPEN</td>
<td>The battery/card compartment cover is open.</td>
<td>Close the battery/card compartment cover.</td>
</tr>
<tr>
<td>Y/M/D</td>
<td>The date and time are not set.</td>
<td>Set the date and time.</td>
</tr>
<tr>
<td>BATTERY EMPTY</td>
<td>The battery is drained.</td>
<td>Charge the battery.</td>
</tr>
</tbody>
</table>
Troubleshooting

- Preparatory operation

The camera does not turn on or function buttons do not respond.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The power is off.</td>
<td>The camera automatically turns off if it is not operated for a certain period of time. Press the POWER switch to turn the camera on.</td>
<td>P. 30</td>
</tr>
<tr>
<td>The battery is drained.</td>
<td>Charge the battery.</td>
<td>P. 27</td>
</tr>
<tr>
<td>The battery is temporarily unable to function because of the cold.</td>
<td>Warm the battery by putting it in your pocket for a while.</td>
<td>—</td>
</tr>
<tr>
<td>The camera is connected to a PC.</td>
<td>The camera does not operate while it is connected to a PC. Disconnect the camera from the PC.</td>
<td>—</td>
</tr>
</tbody>
</table>

- Shooting

No picture is taken when the shutter button is pressed.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The battery is drained.</td>
<td>Charge the battery.</td>
<td>P. 27</td>
</tr>
</tbody>
</table>
| The camera is in the playback mode. | Set the mode switch to any position except 
  |                                                                                   | P. 30     |
| The flash has not finished charging. | Remove your finger from the shutter button, and wait until the 
  |                                                                                   | —         |
| The card is full.               | Erase unwanted images or insert a new card. Before erasing, download important images to a PC. | P. 93     |
| The battery ran out of power during shooting or while the images were being written to the card. (The monitor turns off after BATTERY EMPTY is displayed.) | Charge the battery. (Wait until the card access mark turns off when blinking.) | P. 27     |
| The memory gauge on the monitor is full. | Wait until there is room in the memory gauge.                                   | P. 23     |
| There is a problem with the card. | Refer to “Error codes”.                                                          | P. 192    |

The monitor goes off.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The power is off.</td>
<td>The camera automatically turns off if it is not operated for a certain period of time. Press the POWER switch to turn the camera on.</td>
<td>P. 30</td>
</tr>
</tbody>
</table>
# Troubleshooting

## The battery run time is brief.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>You are using the camera in a cold environment.</td>
<td>Battery performance deteriorates in low temperatures. Keep the camera warm by putting it inside your coat or clothing.</td>
<td>—</td>
</tr>
<tr>
<td>The remaining battery power is not indicated correctly.</td>
<td>When battery consumption fluctuates greatly, the camera may turn off without displaying the battery warning indicator. Charge the battery.</td>
<td>P. 27</td>
</tr>
</tbody>
</table>

## The flash does not fire.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The flash is set to the flash off mode .</td>
<td>Select a different flash mode (not flash off ).</td>
<td>P. 58</td>
</tr>
<tr>
<td>The subject is illuminated.</td>
<td>If you want the flash to fire on a brightly illuminated subject, set the flash to fill-in mode .</td>
<td>P. 58</td>
</tr>
<tr>
<td>The camera is in the (movie) mode.</td>
<td>The flash does not operate in the mode. Set the mode switch to .</td>
<td>P. 30</td>
</tr>
<tr>
<td>SCENE SELECT is set to SCENE.</td>
<td>The flash does not operate depending on the situation-related shooting mode. Refer to “Using the situation-related shooting modes”.</td>
<td>P. 42</td>
</tr>
</tbody>
</table>

## Colors look strange on the monitor during focusing.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colors look strange on the monitor when the shutter button is pressed halfway.</td>
<td>This is not a malfunction. When focusing is successful, the correct colors will be displayed.</td>
<td>—</td>
</tr>
</tbody>
</table>

## The monitor is hard to see.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical lines appear on the monitor screen during shooting.</td>
<td>Aiming the camera at a bright subject in sunlight may cause vertical lines to appear on the screen. This is not a malfunction.</td>
<td>—</td>
</tr>
<tr>
<td>The brightness is not adjusted properly.</td>
<td>Adjust the brightness in the SETUP menu’s .</td>
<td>P. 125</td>
</tr>
<tr>
<td>The monitor is exposed to direct sunlight.</td>
<td>Block the sunlight with your hand.</td>
<td>—</td>
</tr>
</tbody>
</table>
Troubleshooting

### The date recorded with the image data is wrong.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The date/time is not set.</td>
<td>Set the date/time in the SETUP menu's ( \bigcirc ). The clock is not preset at the factory.</td>
<td>P. 127</td>
</tr>
<tr>
<td>The camera has been left with the battery removed.</td>
<td>If the camera is left for about 1 day with the battery removed, the date/time setting is canceled. Set the date/time again.</td>
<td>P. 127</td>
</tr>
</tbody>
</table>

### The picture is out of focus.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto focus is not possible.</td>
<td>Use focus lock to focus on the subject and then shoot.</td>
<td>P. 39</td>
</tr>
<tr>
<td>The subject is too close.</td>
<td>If the distance to the subject is 50 cm (1.6 ft.) or less, use MACRO ( \bigcirc ). If the subject is as close as 30 cm (11.8”), use SUPER MACRO ( \bigcirc ).</td>
<td>P. 48</td>
</tr>
<tr>
<td>There are water droplets on the lens or the lens is dirty.</td>
<td>Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.</td>
<td>P. 200</td>
</tr>
</tbody>
</table>

### Playback

### Pictures you have taken do not appear on the monitor.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The power is off.</td>
<td>The camera automatically turns off if it is not operated for a certain period of time. Press the POWER switch to turn the camera on.</td>
<td>P. 30</td>
</tr>
<tr>
<td>The camera is in the shooting mode.</td>
<td>Set the mode switch to ( \bigcirc ).</td>
<td>P. 30, 72</td>
</tr>
<tr>
<td>The brightness is not adjusted properly.</td>
<td>Adjust the brightness in the SETUP menu's ( \bigcirc ).</td>
<td>P. 125</td>
</tr>
<tr>
<td>There are no pictures on the card.</td>
<td>NO PICTURE appears on the monitor. Record pictures.</td>
<td>—</td>
</tr>
<tr>
<td>There is a problem with the card.</td>
<td>Refer to “Error codes”.</td>
<td>P. 192</td>
</tr>
<tr>
<td>The camera is connected to a TV.</td>
<td>The monitor does not function when the AV cable is connected to the camera. Disconnect the AV cable from the cradle or detach the camera from the cradle.</td>
<td>P. 87</td>
</tr>
</tbody>
</table>
### Troubleshooting

#### Single-frame erase and all-frame erase cannot be performed.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The images are protected.</td>
<td>Set [on] to OFF.</td>
<td>P. 92</td>
</tr>
<tr>
<td>The images are registered in the albums.</td>
<td>Perform UNDO ENTRY.</td>
<td>P. 111</td>
</tr>
</tbody>
</table>

#### No picture is displayed on the TV when connected to the camera.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The video output signal is incorrect.</td>
<td>Set the video output signal according to the region where used.</td>
<td>P. 129</td>
</tr>
<tr>
<td>The TV video signal setting is incorrect.</td>
<td>Set the TV to the video input mode.</td>
<td>—</td>
</tr>
</tbody>
</table>

#### The picture is too bright.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The flash was set to the fill-in flash mode [ ].</td>
<td>Select a different flash mode (not fill-in flash [ ]), then shoot.</td>
<td>P. 58</td>
</tr>
<tr>
<td>The center of the subject was too dark.</td>
<td>If the center of the subject is too dark, the surrounding area emerges as too bright. Adjust the exposure compensation toward minus (–).</td>
<td>P. 65</td>
</tr>
</tbody>
</table>

#### The picture is too dark.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The flash was blocked by your finger.</td>
<td>Hold the camera correctly, keeping your fingers away from the flash.</td>
<td>P. 31</td>
</tr>
<tr>
<td>The subject was out of the working range of the flash.</td>
<td>Shoot within the flash working range.</td>
<td>P. 59</td>
</tr>
<tr>
<td>The flash was set to the flash off mode [ ].</td>
<td>Select a different flash mode (not flash off [ ]).</td>
<td>P. 58</td>
</tr>
<tr>
<td>The subject was too small and was backlit.</td>
<td>Set the flash to fill-in mode [+], or set METERING to SPOT.</td>
<td>P. 58, 64</td>
</tr>
<tr>
<td>Bright (white) subjects (such as snow) come out darker than their natural colors.</td>
<td>Set SCENE to BEACH &amp; SNOW or adjust the exposure compensation toward plus (+).</td>
<td>P. 50, 65</td>
</tr>
<tr>
<td>The center of the subject was too bright.</td>
<td>If the center of the subject is too bright, the image as a whole emerges darker. Adjust the exposure compensation toward plus (+).</td>
<td>P. 65</td>
</tr>
</tbody>
</table>
## Troubleshooting

### The picture's colors look unnatural.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor lighting affected the picture's color.</td>
<td>Set the white balance appropriate to the lighting source.</td>
<td>P. 68</td>
</tr>
<tr>
<td>No white in the picture.</td>
<td>Include something white in the picture, or shoot using the fill-in flash mode 📷.</td>
<td>P. 58</td>
</tr>
<tr>
<td>The white balance setting is wrong.</td>
<td>Adjust the white balance according to the light source.</td>
<td>P. 68</td>
</tr>
</tbody>
</table>

### Part of the image is too dark.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The lens was partly blocked by your finger or the strap.</td>
<td>Hold the camera correctly, keeping your fingers and the strap away from the lens.</td>
<td>P. 31</td>
</tr>
</tbody>
</table>

### The picture is out of focus.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A subject unsuited to AF was taken.</td>
<td>Use focus lock to focus on the subject and then shoot.</td>
<td>P. 39</td>
</tr>
<tr>
<td>The flash was set to the flash off mode 📷 in a light condition requiring use of the flash.</td>
<td>Select a different flash mode (not flash off 📷). When shooting with the flash mode set to flash off 📷, the shutter speeds decrease. Use a tripod or hold the camera steady.</td>
<td>P. 58</td>
</tr>
<tr>
<td>The camera moved when the shutter button was pressed.</td>
<td>Hold the camera steady, and press the shutter button gently. Camera movement is likely to occur at slower shutter speeds. During night shooting or shooting with the flash set to flash off mode 📷 in low light condition, use a tripod or hold the camera steady.</td>
<td>P. 31</td>
</tr>
<tr>
<td>The subject was too close.</td>
<td>If the distance to the subject is 50 cm (1.6 ft.) or less, use MACRO 📷. If the subject is as close as 30 cm (11.8&quot;), use SUPER MACRO 📷.</td>
<td>P. 48</td>
</tr>
<tr>
<td>There are water droplets on the lens or the lens is dirty.</td>
<td>Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.</td>
<td>P. 200</td>
</tr>
</tbody>
</table>

### The monitor is hard to see.

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The brightness is not adjusted properly.</td>
<td>Adjust the brightness in the SETUP menu’s 🤖.</td>
<td>P. 125</td>
</tr>
<tr>
<td>The monitor is exposed to direct sunlight.</td>
<td>Block the sunlight with your hand.</td>
<td>—</td>
</tr>
</tbody>
</table>
### Troubleshooting

#### When the camera is connected to a PC or Printer

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC was selected on the monitor after connecting to the printer with a USB cable.</td>
<td>Disconnect the USB cable from the camera and start again from the beginning.</td>
<td>P. 147</td>
</tr>
<tr>
<td>The printer is not compatible with the PictBridge system.</td>
<td>Refer to the printer’s instruction manual, or consult the printer’s manufacturer.</td>
<td>P. 146</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Possible cause</th>
<th>Corrective action</th>
<th>Ref. Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The USB driver has not been installed.</td>
<td>It is necessary to install the USB driver for Windows 98/98 SE.</td>
<td>P. 176</td>
</tr>
<tr>
<td>The power is off.</td>
<td>Press the <strong>POWER</strong> switch to turn the camera on.</td>
<td>P. 30</td>
</tr>
</tbody>
</table>
Camera maintenance

Cleaning the camera

1 Press the POWER switch to turn off the camera. Make sure that the monitor is turned off.

2 Remove the battery and card. P. 26, 29
   When using the AC adapter, first detach the camera from the cradle. Disconnect the AC adapter’s cord plug from the cradle and unplug the AC adapter’s power cord from the AC outlet.

3 Exterior
   → Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach, use a cloth soaked in clean water and well wrung.
   Monitor
   → Wipe gently with a soft cloth.
   Lens
   → Blow dust off the lens with a commercially available blower, then wipe gently with a lens cleaner.
   Card
   → Wipe gently with a soft, dry cloth.

Cleaning the cradle

• Blow dust off the connectors with a commercially available blower. Do not use water.

Storage

• When storing the camera for extended periods, remove the battery and card. Store the camera in a cool, dry place that is well ventilated.
• Replace the battery periodically and test camera functions.

Notes on camera maintenance

• Do not use strong solvents such as benzene or alcohol, or chemically treated cloth.
• Before cleaning, be sure to remove the battery and cradle from the camera.
• Mold may form on the lens surface if the lens is left dirty.
• Avoid storing the camera in places where chemicals are treated, in order to protect the camera from corrosion.
## Specifications

<table>
<thead>
<tr>
<th><strong>Camera</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product type</strong></td>
<td>Digital camera (for shooting and displaying)</td>
</tr>
<tr>
<td><strong>Recording system</strong></td>
<td></td>
</tr>
<tr>
<td>Still picture</td>
<td>Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF))</td>
</tr>
<tr>
<td>Applicable standards</td>
<td>Exif 2.2, Digital Print Order Format (DPOF), PRINT Image Matching II, PictBridge</td>
</tr>
<tr>
<td>Movie</td>
<td>QuickTime Motion JPEG support</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>xD-Picture Card, 16 MB – 512 MB</td>
</tr>
<tr>
<td><strong>No. of storable pictures</strong></td>
<td></td>
</tr>
<tr>
<td>(When using a 16 MB card)</td>
<td></td>
</tr>
<tr>
<td>Still picture</td>
<td></td>
</tr>
<tr>
<td>Approx. 20 frames (SUPER HIGH: 2048 x 1536 pixels)</td>
<td>Approx. 33 frames (HIGH: 1600 x 1200 pixels)</td>
</tr>
<tr>
<td>Movie</td>
<td>Approx. 41 seconds (STANDARD: 320 x 240 (15 frames/sec))</td>
</tr>
<tr>
<td><strong>No. of effective pixels</strong></td>
<td>3,200,000 pixels</td>
</tr>
<tr>
<td><strong>Image pickup device</strong></td>
<td>1/2.7” CCD solid-state image pickup 3,340,000 (gross)</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>Olympus lens 5.8 mm to 17.4 mm, f2.9 to f4.9, (equivalent to 38 mm to 114 mm lens on 35 mm camera)</td>
</tr>
<tr>
<td><strong>Photometric system</strong></td>
<td>Digital ESP metering by image pickup device, Spot metering system</td>
</tr>
<tr>
<td><strong>Shutter speed</strong></td>
<td>1/2 to 1/1000 seconds (the slowest shutter speed is 4 seconds in certain situation-related shooting modes)</td>
</tr>
<tr>
<td><strong>Shooting range</strong></td>
<td>Normal: 50 cm (1.6 ft.) - ∞, Macro mode: 30 cm (1.0 ft.) - ∞</td>
</tr>
<tr>
<td><strong>Monitor</strong></td>
<td>2.5” TFT color LCD display, Approx. 215,000 pixels</td>
</tr>
</tbody>
</table>

### Operating environment
- **Temperature**: 0 – 40°C (32 – 104°F) (operation), -20 – 60°C (-4 – 140°F) (storage)
- **Humidity**: 30% – 90% (operation), 10% – 90% (storage)
- **Power supply**: Only an Olympus LI-20B lithium-ion battery, AC adapter specified by Olympus
- **Dimensions**: 94 mm x 67 mm x 22 mm (3.7” x 2.6” x 0.9”) (excluding protrusions)
- **Weight**: Approx. 160 g (0.4 lb) (without battery/card)

### Cradle
- **Connector**: DC-IN jack, USB connector (mini-B), A/V OUT jack
- **Operating environment**: 10 – 40°C (50 - 104°F)
- **Dimensions**: 108 mm x 53.5 mm x 59 mm (4.3” x 2.1” x 2.3”)
- **Weight**: Approx. 90 g (0.2 lb)

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

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

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

Digital ESP (Electro-Selective Pattern) Light Metering
This determines the exposure by metering and calculating the light levels in the center and other areas of the image separately. With this camera, this system works when the metering mode is set to AUTO.

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

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

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

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

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

PictBridge
A standard that enables digital cameras and printers made by different manufacturers to be connected, and also allows pictures to be printed directly from the camera.
Pixels
A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.

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

### Shooting menu († mode)

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<th>Setting</th>
<th>Ref. page</th>
</tr>
</thead>
<tbody>
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<td>PROGRAM AUTO, SCENE</td>
<td>P. 42</td>
</tr>
<tr>
<td>RESET</td>
<td>YES, NO</td>
<td>P. 71</td>
</tr>
<tr>
<td>FLASH MODE&lt;sup&gt;1&lt;/sup&gt;</td>
<td>AUTO, †, ‡, †&lt;sup&gt;1&lt;/sup&gt;</td>
<td>P. 58</td>
</tr>
<tr>
<td>&lt;sup&gt;1&lt;/sup&gt;ON, OFF</td>
<td>P. 62</td>
<td></td>
</tr>
<tr>
<td>WB&lt;sup&gt;2&lt;/sup&gt;</td>
<td>SUPER HIGH&lt;sup&gt;1&lt;/sup&gt;, HIGH&lt;sup&gt;1&lt;/sup&gt;, BASIC, E-MAIL</td>
<td>P. 66</td>
</tr>
<tr>
<td>METERING&lt;sup&gt;2&lt;/sup&gt;</td>
<td>AUTO, SPOT</td>
<td>P. 64</td>
</tr>
<tr>
<td>&lt;sup&gt;1&lt;/sup&gt;ON, OFF</td>
<td>P. 61</td>
<td></td>
</tr>
<tr>
<td>DIGITAL ZOOM&lt;sup&gt;1&lt;/sup&gt;</td>
<td>ON, OFF</td>
<td>P. 60</td>
</tr>
<tr>
<td>AF MODE&lt;sup&gt;1&lt;/sup&gt;</td>
<td>AUTO, SPOT</td>
<td>P. 63</td>
</tr>
<tr>
<td>&lt;sup&gt;1&lt;/sup&gt;ON, OFF</td>
<td>P. 69</td>
<td></td>
</tr>
<tr>
<td>SETUP</td>
<td>REC VIEW OFF, ON</td>
<td>P. 117</td>
</tr>
<tr>
<td>†</td>
<td>ENGLISH, FRANCAIS, DEUTSCH, 中文（繁体）&lt;sup&gt;3&lt;/sup&gt;</td>
<td>P. 119</td>
</tr>
<tr>
<td>SCREEN</td>
<td>OFF, 1, 2</td>
<td>P. 120</td>
</tr>
<tr>
<td>SHUTTER SOUND</td>
<td>OFF</td>
<td>P. 121</td>
</tr>
<tr>
<td>BEEP</td>
<td>OFF</td>
<td>P. 123</td>
</tr>
<tr>
<td>PIXEL MAPPING</td>
<td>OFF, LOW, HIGH</td>
<td>P. 124</td>
</tr>
<tr>
<td>VIDEO OUT</td>
<td>NTSC, PAL&lt;sup&gt;3&lt;/sup&gt;</td>
<td>P. 129</td>
</tr>
</tbody>
</table>

<sup>1</sup>: This item may not be selected depending on which situation-related shooting mode is selected from SCENE.

<sup>2</sup>: This item is not displayed when SCENE SELECT is set to SCENE.

<sup>3</sup>: Settings differ depending on the region where the camera is sold.

---

*Factory default setting*
### Shooting menu ( Record mode)

<table>
<thead>
<tr>
<th>Function</th>
<th>Setting</th>
<th>Ref. page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESET</td>
<td>YES, NO</td>
<td>P. 71</td>
</tr>
<tr>
<td>MODE:</td>
<td>STANDARD, EXTENDED</td>
<td>P. 66</td>
</tr>
<tr>
<td>WB</td>
<td>AUTO, , , +2.0 - 0.0 - -2.0</td>
<td>P. 65</td>
</tr>
<tr>
<td>METERING</td>
<td>AUTO, SPOT</td>
<td>P. 64</td>
</tr>
<tr>
<td>DIGITAL ZOOM</td>
<td>OFF, ON</td>
<td>P. 60</td>
</tr>
<tr>
<td>FORMAT</td>
<td>YES, NO</td>
<td>P. 103</td>
</tr>
<tr>
<td>SCREEN</td>
<td>OFF, 1, 2</td>
<td>P. 120</td>
</tr>
<tr>
<td>BEEP</td>
<td>OFF</td>
<td>P. 123</td>
</tr>
<tr>
<td>PIXEL MAPPING</td>
<td>OFF, LOW, HIGH</td>
<td>P. 124</td>
</tr>
<tr>
<td>VIDEO OUT</td>
<td>NTSC, PAL*1</td>
<td>P. 129</td>
</tr>
</tbody>
</table>

*1: Settings differ depending on the region where the camera is sold.

---

* Factory default setting
### Playback menu ( mode)

<table>
<thead>
<tr>
<th>Function</th>
<th>Setting</th>
<th>Ref. page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOVIE PLAYBACK*1</td>
<td>PLAYBACK</td>
<td>P. 88</td>
</tr>
<tr>
<td></td>
<td>FRAME BY FRAME</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FAST PLAY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EXIT</td>
<td></td>
</tr>
<tr>
<td>CLOSE ALBUM*3</td>
<td></td>
<td>P. 108</td>
</tr>
<tr>
<td>SEL. ALBUM</td>
<td>ALBUM1 - ALBUM12</td>
<td>P. 108</td>
</tr>
<tr>
<td></td>
<td>START</td>
<td>P. 109</td>
</tr>
<tr>
<td></td>
<td>SEL. IMAGE*4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TYPE</td>
<td></td>
</tr>
<tr>
<td>REARRANGE*3</td>
<td></td>
<td>P. 110</td>
</tr>
<tr>
<td>UNDO ENTRY*3</td>
<td>THIS IMAGE</td>
<td>P. 111</td>
</tr>
<tr>
<td></td>
<td>SEL. IMAGE</td>
<td></td>
</tr>
<tr>
<td>UNDO ALL*3</td>
<td>YES, NO</td>
<td>P. 113</td>
</tr>
<tr>
<td>ALBUM ENTRY*4</td>
<td>ALBUM1 - ALBUM12</td>
<td>P. 104</td>
</tr>
<tr>
<td>ERASE*4</td>
<td>THIS IMAGE</td>
<td>P. 93</td>
</tr>
<tr>
<td></td>
<td>SEL. IMAGE</td>
<td></td>
</tr>
<tr>
<td>*4</td>
<td>OFF, ON</td>
<td>P. 92</td>
</tr>
<tr>
<td>*2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDEX<em>1</em>4</td>
<td>NEW FILE, CANCEL</td>
<td>P. 101</td>
</tr>
<tr>
<td><em>2</em>4</td>
<td>+90°, 0°, −90°</td>
<td>P. 86</td>
</tr>
<tr>
<td>EDIT<em>2</em>4</td>
<td>BLACK&amp;WHITE</td>
<td>P. 97</td>
</tr>
<tr>
<td></td>
<td>SEPIA</td>
<td></td>
</tr>
</tbody>
</table>

: Factory default setting

*2: P. 131
*4: P. 99

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<table>
<thead>
<tr>
<th>Function</th>
<th>Setting</th>
<th>Ref. page</th>
</tr>
</thead>
<tbody>
<tr>
<td>◼ ALL ERASE&lt;sup&gt;*&lt;/sup&gt;4</td>
<td>YES, NO</td>
<td>P. 96</td>
</tr>
<tr>
<td>◼ FORMAT&lt;sup&gt;*&lt;/sup&gt;4</td>
<td>YES, NO</td>
<td>P. 103</td>
</tr>
<tr>
<td>SETUP INFO</td>
<td>ON, OFF</td>
<td>P. 118</td>
</tr>
<tr>
<td>☀ENGLISH, FRANCAIS, DEUTSCH, 中文（繁体）&lt;sup&gt;*&lt;/sup&gt;5</td>
<td></td>
<td>P. 119</td>
</tr>
<tr>
<td>SCREEN</td>
<td>OFF, 1, 2</td>
<td>P. 120</td>
</tr>
<tr>
<td>VOLUME</td>
<td>OFF, LOW, HIGH</td>
<td>P. 122</td>
</tr>
<tr>
<td>BEEP 1</td>
<td>OFF</td>
<td>P. 123</td>
</tr>
<tr>
<td>2</td>
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<td>P. 124</td>
</tr>
<tr>
<td>☺+7, 0, -7</td>
<td></td>
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</tr>
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<td></td>
<td>P. 126</td>
</tr>
<tr>
<td>☞ INITIAL</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>NTSC, PAL&lt;sup&gt;*&lt;/sup&gt;5</td>
<td>P. 129</td>
</tr>
</tbody>
</table>

*1: Not displayed during still picture playback.
*2: Not displayed during movie playback.
*3: Displayed during album playback.
*4: Not displayed during album playback.
*5: Settings differ depending on the region where the camera is sold.

---

### Note

The factory default setting varies depending on which situation-related shooting mode is selected from SCENE.
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