

**OLYMPUS®**

DIGITAL CAMERA

**E-500**

# BASIC MANUAL

ENGLISH

2

FRANÇAIS

30

ESPAÑOL

58

DEUTSCH

86



## For customers in North and South America

### For customers in USA

Declaration of Conformity

Model Number : E-500

Trade Name : OLYMPUS

Responsible Party : OLYMPUS IMAGING AMERICA INC.

Address : Two Corporate Center Drive, P.O. Box 9058, Melville, NY  
11747-9058 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.



This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the EU countries. Please do not throw the equipment into the domestic refuse.

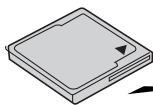
Please use the return and collection systems available in your country for the disposal of this product.

## Trademarks

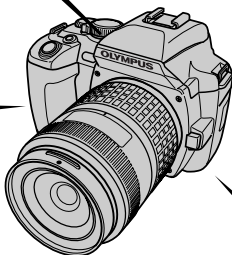
- IBM is a registered trademark of International Business Machines Corporation.
- Microsoft and Windows are registered trademarks of Microsoft Corporation.
- Macintosh is a trademark of Apple Computer, Inc.
- xD-Picture Card™ is a trademark.
- All other company and product names are registered trademarks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

## What you can do with this camera

Once you've selected AUTO, you don't have to make any complicated settings. Just press the shutter button!



You can use either CompactFlash or an xD-Picture Card.



You can take sequential shots.

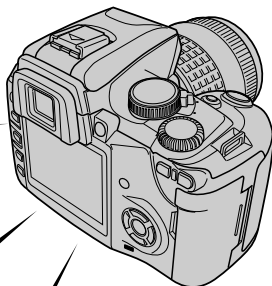
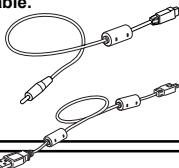


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You can view images using slideshow and check shooting information, etc.

Images recorded in RAW mode can be converted to, and saved in, other record modes.

Images can be played back on a TV with the video cable.



**When the camera is connected to a PC or printer.** Once you've transferred images to your PC, you can take advantage of many more editing, viewing and printing functions with the provided OLYMPUS Master.



You can print out stored pictures directly with a PictBridge-compatible printer without using your PC.

- 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.
- This manual explains shooting and playback basics. For details on functions, read the advanced manual. 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.

This manual explains shooting preparation and easy techniques for shooting and playback. This manual is only for quick reference and should be read first to learn basic camera operation.

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## Safety precautions



### CAUTION

RISK OF ELECTRICAL SHOCK  
DO NOT OPEN



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



Lightning flash with an arrowhead, enclosed in a triangle, alerts you to the presence of uninsulated voltage points inside the product which could cause a serious electrical shock.



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

### WARNING!

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

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## General Precautions

**Read All Instructions** — Before you use the product, read all operating instructions.

**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** — 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). For precautions on products with weatherproof designs, read the weatherproofing sections of their manuals.

**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 your operating instructions for information on using the product with a battery.

**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, refer servicing to qualified service personnel:

- Liquid has been spilled onto the product or some other object has fallen into the product.
- The product has been exposed to water.
- 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.
- The product has been dropped or damaged in any way.
- 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.

## Handling the Camera

 <b>DANGER</b>	If the product is used without observing the information given under this symbol, serious injury or death may result.
 <b>WARNING</b>	If the product is used without observing the information given under this symbol, injury or death may result.
 <b>CAUTION</b>	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.

### **WARNING**

- **Do not use the camera in areas exposed to flammable or explosive gases.**  
A fire or explosion may result.

- **Do not use the flash on people (infants, small children, etc.) at close range.**

When you fire the flash, you must be at least 1 m (3 ft) away from the faces of your subjects. Firing the flash too close to the subject's eyes could cause a momentary loss of vision.

- **Keep young children and infants away from the camera.**

If not, the following dangerous situations may occur:

- Becoming entangled in the camera strap or power cords, causing strangulation. If this happens, follow the doctor's instructions.
- Accidentally swallowing the battery or other small parts.
- Accidentally firing the flash into their own eyes or those of another child.
- Accidentally being injured by the moving parts of the camera.

- **Do not use or store the camera in dusty or humid places.**

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.**

Do not cover the flash or touch it after it has just been fired sequentially. It may be hot and cause minor burns.

- **Do not take apart or modify the camera.**

Never attempt to disassemble the camera. The internal circuits contain high voltage points which could cause serious burns or electrical shock.

- **Do not let water or foreign objects inside the camera.**

A fire or electric shock may result. 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.

- **Do not touch the battery or the battery charger while battery charging is in progress.**

Wait until charging is complete and the battery has cooled.

The battery and battery charger become hot while charging. At these times, they may cause minor burns.

- **Do not use a non-specified battery and/or charger.**

Use of a non-designated battery and/or re-charger may lead to camera or battery failure as well as other unexpected accidents. Any accidents resulting from use of non-designated equipment will not be compensated.

### **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 remove the battery. 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. Contact the nearest Olympus service center immediately.

- **Do not use the camera with wet hands.**  
Damage or electric shock may result. Also, do not connect or disconnect the power plug with wet hands.
- **Be careful with the strap when you carry the camera.**  
It could easily catch on stray objects — and cause serious damage.
- **Do not leave the camera in areas subject to extremely high temperature.**  
Doing so may cause parts to deteriorate and, in some circumstances, cause the camera to catch fire.
- **When the camera contains metal parts, overheating can result in a low-temperature burn. Pay attention to the following:**
  - When used for a long period, the camera will get hot. If you hold on to the camera in this state, a low-temperature burn may be caused.
  - In places subject to extremely cold temperatures, the temperature of the camera's body may be lower than the environmental temperature. If possible, wear gloves when handling the camera in cold temperatures.
- **Do not damage the power cable.**  
Do not pull on the charger's cable or add another cable to it. Be sure to connect or disconnect the charger's cable while holding the power plug. If the following cases occur, stop using and contact an Olympus dealer or authorized customer support center.
  - The power plug or cable produces heat, burning smell, or smoke.
  - The power plug or cable is cracked or broken. The contact is bad on the power plug.

## Battery handling precautions

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

### **DANGER**

- **Never heat or incinerate the battery.**
- **Do not connect the (+) and (-) terminals to each other using metal objects.**
- **Do not carry or store the battery where it may come into contact with 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.**
- **Never attempt to disassemble the battery or modify it in any way, such as by soldering.**  
Doing so may break the terminals or cause battery fluid to splash, resulting in potential fire, explosion, battery leakage, overheating or other damage.
- **If battery fluid gets in your eyes, loss of eyesight may result.**  
If battery fluid gets in your eyes, do not rub them. Flush them immediately with clear, cold running water and seek medical attention straight away.

**⚠ WARNING**

- **Keep the battery dry at all times. Never allow it to come into contact with fresh or salt water.**
- **Do not touch or hold the battery with wet hands.**
- **If the rechargeable battery does not recharge within the specified time, stop charging it and do not use it.**  
If you do not, fire, explosion, ignition or overheating may result.
- **Do not use the battery if it is cracked or broken.**  
Doing so may cause explosion or overheating.
- **Never subject the battery to strong shocks or continuous vibration.**  
Doing so may cause explosion or overheating.
- **Never attempt to modify the battery compartment on the camera, never insert anything (other than the specified battery) into the compartment.**
- **If the battery leaks, becomes discolored or deformed, or appears abnormal in any way during operation, stop using the camera immediately.**  
Contact 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.**

**⚠ CAUTION**

- **Do not remove the battery from the camera immediately after operating the camera on battery power for a long time.**  
Doing so may cause burns.
- **Remove the battery from the camera if it is not going to be used for a long time.**  
Otherwise, battery leakage or overheating may cause a fire or injury.

**Handling and storage precautions****Camera**

- 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 subject to strong vibrations.

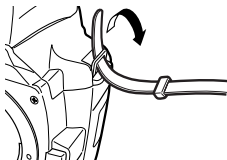
- Never drop the camera or subject it to severe shocks or vibrations.
- Do not leave the camera pointed directly at the sun. This may cause lens damage, color failure, ghosting on the CCD, or may possibly start a fire.
- Condensation may form inside the camera when there is a sudden extreme change in temperature (such as when moving from indoors to outdoors). Acclimatize the camera to the temperature (e.g. by putting the camera into a plastic bag) before use.
- If the camera has not been used for a long time, mold may form or the camera may malfunction. Before using the camera, check that the camera works properly.
- Do not touch electric contacts on cameras and interchangeable lenses. Remember to attach the cap when removing the lens.
- Do not place the camera near anything that could be affected by magnetism (e.g. credit card, floppy disk, etc.). Doing so may destroy the data on these items.

### **LCD monitor**

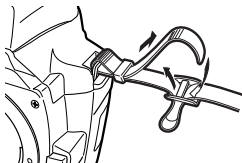
- Do not push the monitor forcibly; otherwise the image may become fuzzy, resulting in a playback mode failure or damage to the monitor. If the monitor is damaged, be careful not to get any of the liquid crystals from the monitor in your mouth. If liquid crystals get on your limbs or clothes, wash them off.
- A strip of light may appear on the top/bottom of the monitor. This is not a malfunction.
- When a subject is viewed diagonally in the camera, the edges may appear to zigzag 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 on the LCD monitor. These spots may not be uniform in color and brightness depending on their characteristics or the angle at which you are viewing the monitor. This is not a malfunction.

## Attaching the strap

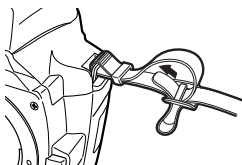
- 1** Thread one end of the strap through the strap eyelet on the camera.



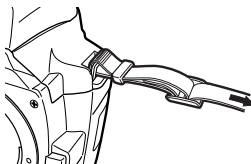
- 2** Thread the end of the strap through the ring, then thread it through the stopper as indicated by the arrows.



- 3** Thread the strap back through the other hole of the stopper.



- 4** Pull the other side of the strap tight, making sure that it is fastened securely.



- 5** Repeat steps 1 - 4 to attach the other end of the strap to the other eyelet.

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### Notes

- Be careful with the strap when you carry the camera, since it can easily catch on stray objects, causing injury or damage.
- Attach the strap correctly as shown above so that the camera does not fall off. If the strap is attached incorrectly and the camera falls off, Olympus is not responsible for any damage.

## Preparing the battery

This camera uses the following batteries.

- Three CR123A lithium batteries
- BLM-1 Li-ion battery

The provided batteries may differ depending on the area where you purchased this camera. Never use any other type of battery. For details, refer to the advanced manual.

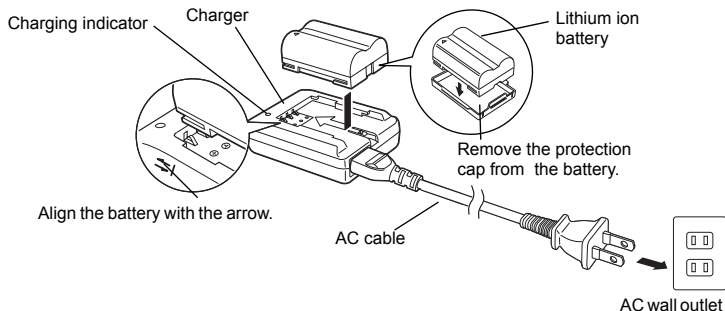
### BLM-1 Li-ion Battery

Charge the battery in the BCM-2 Li-ion Battery Charger.

The battery is not fully charged when purchased. Before use, be sure to charge the battery.

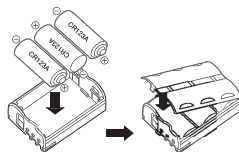
#### 1 Connect the AC cable, then attach the battery to the charger.

- Charging starts. The battery will be fully recharged in about 5 hours.
- When the charging indicator color changes from red to green, charging is completed.



### CR123A lithium batteries

#### 1 Load the lithium batteries in the LBH-1 lithium battery holder as shown in the illustration.

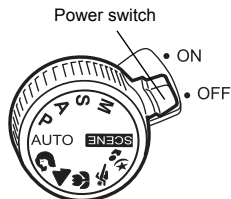


#### Notes

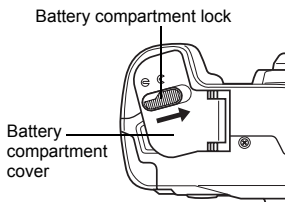
- The CR123A lithium battery is not rechargeable. Do not charge it.
- If the battery power lever's power is low, replace all three batteries with new ones.
- When not using the camera, store the lithium batteries in the battery case.

## Loading the battery

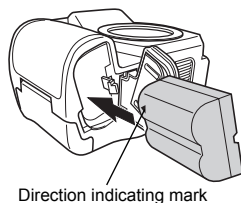
- 1 Make sure that the camera's power switch is set to OFF.



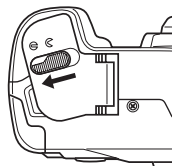
- 2 Slide the battery compartment lock to ☺ and open the battery compartment cover.



- 3 Load the battery as shown in the illustration.

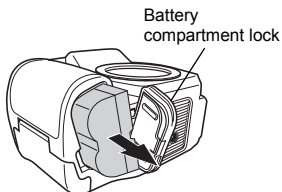


- 4 Slide the battery compartment lock to ☹.



## Unloading the battery

- Make sure the power switch is set to **OFF** and the card access lamp is not blinking.
- Slide the battery compartment lock and remove the battery.
- If the battery compartment cover comes off, fit the hinges back together to re-attach the cover to the camera.



### Usable lenses

Select the lens that you want to shoot with.

Use a specified Four Thirds lens (**Four Thirds mount**). When a non-specified lens is used, AF (auto focus) and light metering will not function correctly. In some cases, other functions may not work either.

#### ***Four Thirds mount***

Developed by Olympus as the lens mount standard for the Four Thirds system.

These all-new interchangeable lenses featuring the Four Thirds mount were developed from the ground up based on optic engineering exclusively for digital cameras.

#### **ZUIKO DIGITAL interchangeable lens**

Four Thirds system interchangeable lens designed to withstand rigorous professional use. The Four Thirds system makes it possible for a fast lens to be compact and lightweight as well.

The Four Thirds system interchangeable lens lineup includes a wide range of products in addition to those listed below:

##### **ZUIKO DIGITAL ED 50mm-200mm f2.8-3.5:**

Super telephoto zoom lens equivalent to 100-400 mm on a 35 mm lens

##### **ZUIKO DIGITAL 40mm-150mm f3.5-4.5:**

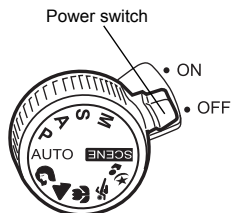
Telephoto zoom lens equivalent to 80-300 mm on a 35 mm lens

#### **! Notes**

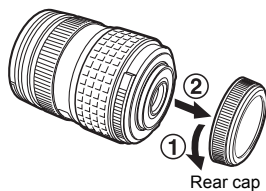
- When you attach or remove the body cap and lens from the camera, keep the lens mount on the camera pointed downward. This helps prevent dust and other foreign matter from getting inside the camera.
- Do not remove the body cap or attach the lens in dusty places.
- Do not point the lens attached to the camera toward the sun. This may cause the camera to malfunction or even ignite due to the magnifying effect of sunlight focusing through the lens.
- Be careful not to lose the body cap and rear cap.
- Attach the body cap to the camera to prevent dust from getting inside when no lens is attached.

## Attaching a lens to the camera

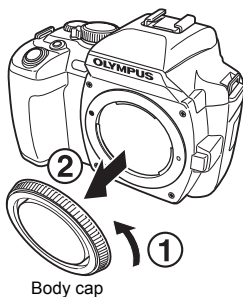
- 1 Make sure the power switch is set to OFF.



- 2 Remove the rear cap from the lens.

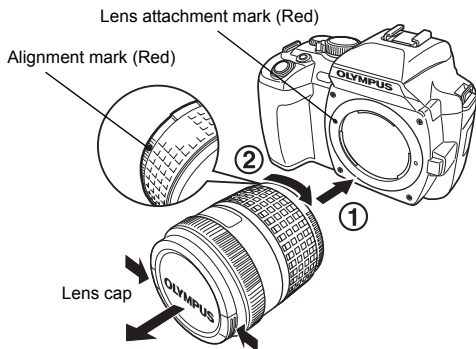


- 3 Remove the body cap from the camera.



En

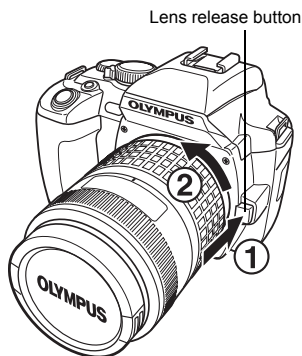
- 4 Align the lens attachment mark (red) on the camera with the alignment mark (red) on the lens, then insert the lens into the camera's body. Rotate the lens clockwise until you hear it click.



- 5 Remove the lens cap.

### Removing the lens from the camera

- 1 Make sure the power switch is set to OFF.
- 2 While pressing the lens release button, remove the lens from the camera by rotating it counterclockwise.

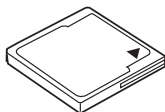


### Usable cards

“Card” in this manual refers to a recording medium. This camera can use CompactFlash, Microdrive or xD-Picture Card (optional).

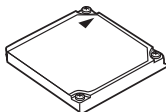
#### CompactFlash

A CompactFlash is a large-capacity solid state flash memory card. You can use commercially available cards.



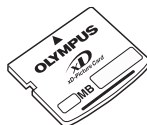
#### Microdrive

A Microdrive is a medium that uses a large-capacity compact hard disk drive. You can use a Microdrive that supports CF+Type II (Compact Flash extension standard).



#### xD-Picture Card

Compact recording medium used mainly in compact cameras.



### **Precautions when using a Microdrive**

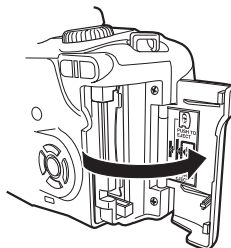
A Microdrive is a medium that uses a compact hard disk drive. Because the disk drive rotates, a Microdrive is not as resistant to vibration or impact as other cards. Special care is needed when using a Microdrive (especially during recording and playback) to make sure the camera is not subjected to shock or vibrations. Be sure to read the following precautions before using a Microdrive.

Also, refer to the manuals provided with your Microdrive.

- Be very careful when putting the camera down during recording. Place it gently on a firm surface.
- Be careful not to hit the camera against anything when carrying it by the strap.
- Do not use the camera in places subject to vibrations or excessive shock, such as at a construction site or in a car while driving along a bumpy road.
- Do not take a Microdrive close to areas where it may be exposed to strong magnetism.

## Inserting a card

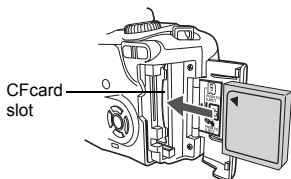
**1** Open the card cover.



**2** Inserting a card

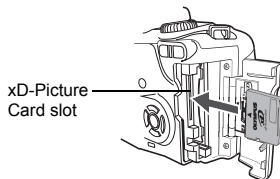
### Compact Flash/Microdrive

Insert the card's contact area as shown in the illustration.

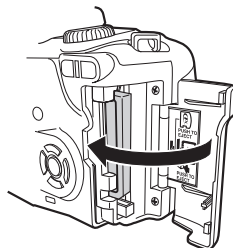


### xD-Picture Card

Face the card correctly as shown in the illustration.



**3** Close the card cover.

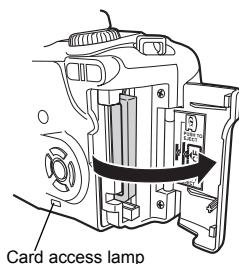


### **!** Notes

- Do not push the card in with a pen or similar hard or pointed object.
- Never open the battery compartment cover or card cover, or remove the battery or card while the camera is turned on. Doing so could destroy the data stored on the card. Once destroyed, data cannot be restored.

## Removing the card

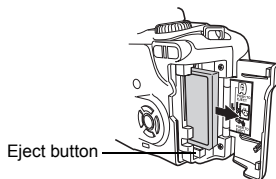
- 1 Make sure that the card access lamp is not illuminated.
- 2 Open the card cover.



- 3 Remove the card.

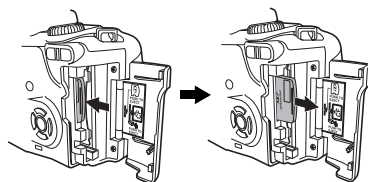
### Compact Flash/Microdrive

- Press the eject button gently and let it pop out, then press it again all the way in. The card will be ejected a short way so that you can pull it out.
- If you press the eject button too hard, the card may jump out of the camera.
- Pull out the card.

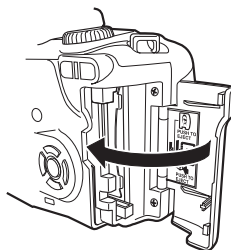


### xD-Picture Card

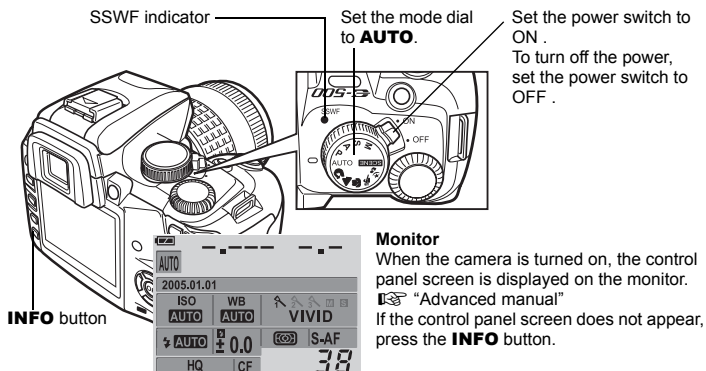
- Lightly press the card that is inserted to make it eject.
- Pull out the card.



- 4 Close the card cover.



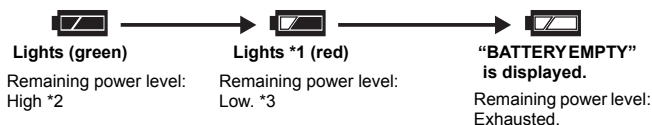
## Power on



En

### **Battery check**

When the camera is turned on or when remaining battery power is low, the battery check mark varies.



\*1 Blinks in the viewfinder.

\*2 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 when the battery power is low.

\*3 BLM-1 Li-ion battery: Charge the battery.

CR123A lithium batteries: Have some new batteries ready.

### **Dust reduction function operation**

The dust reduction function is automatically activated when the camera is turned on. Ultrasonic vibrations are used to remove dust and dirt from the CCD surface. The SSWF (Super Sonic Wave Filter) indicator blinks while dust reduction is working.

## Date/time setting

Date and time information is recorded on the card together with the images. The file No. is also included with the date and time information. Be sure to set the correct date and time before using the camera.

- 1 Press the **MENU** button.
- 2 Use to select [**2**], then press .  
Use to select [**2**], then press .
- 3 Use to select one of the following date formats: Y-M-D (Year/Month/Day), M-D-Y (Month/Day/Year), D-M-Y (Day/Month/Year). Then press .

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

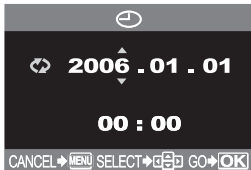
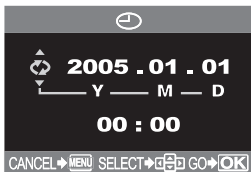
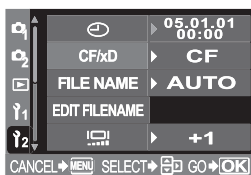
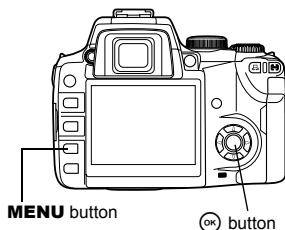
- 4 Use to set the year, then press to move to the month setting.
  - To return to the previous setting, press .
  - The first two digits of the year are fixed.

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

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

- 6 Press the button.

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



En

### Notes

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

## Holding the camera

- 1 Hold the camera's grip with your right hand and keep your elbow at your side.
- 2 Rest your elbow gently against your body and hold the lens section firmly from underneath with your left hand.
- 3 Take a picture.
  - Putting one leg a little forward helps stabilize your upper body.



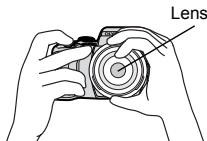
Vertical grip

En

### Notes

- Keep your fingers and the strap away from the front of the lens.

#### Bad technique

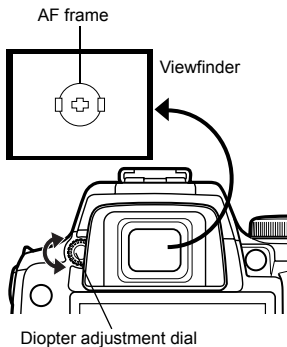


## Adjusting the viewfinder's diopter

Remove the lens cap.

While looking through the viewfinder, rotate the diopter adjustment dial little by little.

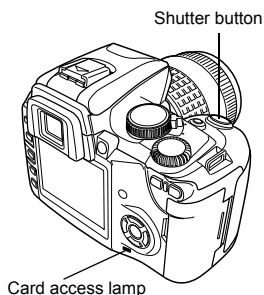
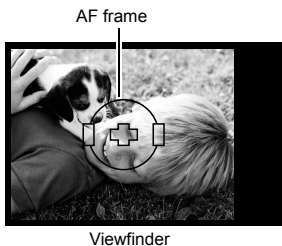
When you can see the AF frame clearly, adjustment is complete.



# Shooting

Set the mode dial to **AUTO**.

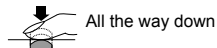
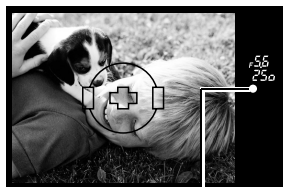
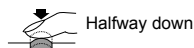
## 1 Place the AF frame on the subject while viewing through the viewfinder.



## 2 Adjust the focus.

Press the shutter button gently (halfway).

- The focus is locked. The AF confirmation mark and the AF focusing frame light up in the viewfinder.
- The shutter speed and aperture value that have been set automatically by the camera are displayed.
- The control panel screen is not displayed when the shutter button is pressed.
- When you use the camera in the dark, the flash pops up automatically if the camera is set to **AUTO**.



## 3 Release the shutter.

Press the shutter button all the way (fully).

- When a picture is taken, a shutter sound is output.
- The card access lamp blinks and the camera starts recording the picture.
- After 1 minute\* without any operation being performed, the monitor turns off and the camera stops operating. To wake up the camera, simply press any button, e.g. the shutter button. After about 4 hours\* without being used, the camera will turn off automatically. Turn on the camera again.

\* Factory default settings. You can change the time settings using the custom menu.

**Rec view**


This allows you to display the picture you have just taken on the monitor while it is being recorded to the card.

- You can select how long the picture is displayed from off, 1 sec. - 20 sec. (☞ Advanced manual, P.132)
- You can take another picture while the picture is being displayed.

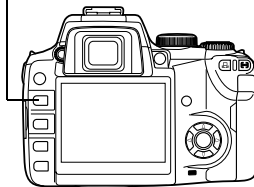
**! Notes**

- Press the shutter button gently. If it is pressed hard, the camera may move and pictures may come out blurred.
- Never remove the battery or card while the card access lamp 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.


# Playback


1 Press the  (playback) button.

 button





2 Use  to select images you want to view.


 Displays the frame that is stored 10 frames back.

 Displays the previous frame.



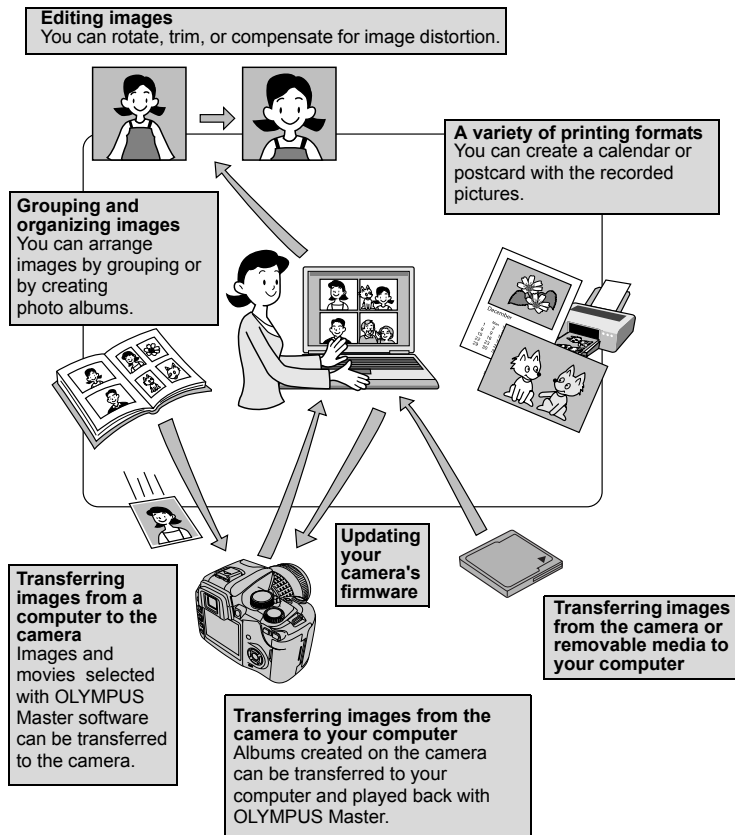
 Displays the next frame.

 Displays the frame that is stored 10 frames ahead.

- To exit the playback mode, press the  button.
- Pressing the shutter button halfway resumes the shooting mode.

# What you can do with OLYMPUS Master software

The provided software CD includes OLYMPUS Master software for viewing and editing images. Once installed, you can take advantage of a variety of viewing and editing features as shown below. For information on how to use OLYMPUS Master, refer to "Help" after installing the software.



En

Install OLYMPUS Master on your computer from the provided CD-ROM. OLYMPUS Master allows you to register as the camera's owner. Doing so will enable you to receive information on software or firmware upgrades from Olympus.

## Specifications


### ■ Product type

Product type	: Single-lens reflex digital camera with interchangeable lens system
Lens	: Zuiko Digital, Four Thirds System Lens
Lens mount	: Four Thirds mount
Equivalent focal length on a 35 mm film camera	: Approx. twice the focal length of the lens

### ■ Image pickup element

Product type	: 4/3 type full frame transfer primary color CCD
Total no. of pixels	: Approx. 8,880,000 pixels
No. of effective pixels	: Approx. 8,000,000 pixels
Screen size	: 17.3 mm (H) x 13.0 mm (V) (0.7" x 0.5")
Aspect ratio	: 1.33 (4 : 3)

### ■ Viewfinder

Product type	: Eye-level single-lens reflex viewfinder
Field of view	: Approx. 95% (for field of view on recorded images)
Viewfinder magnification	: Approx. 0.9x (-1 m-1, 50mm lens, infinity)
Eye point	: 16 mm (0.6") (-1 m-1)
Diopter adjustment range	: -3.0 - +1.0 m <sup>-1</sup>
Optical path fraction	: Quick return half mirror
Depth of field	: Can be checked with the  (one-touch WB) button (when PREVIEW registered)
Focusing screen	: Fixed
Eyecup	: Interchangeable

### ■ Monitor

Product type	: 2.5" TFT color LCD (Hyper crystal LCD)
Total no. of pixels	: Approx. 215,000 pixels

### ■ Shutter

Product type	: Computerized focal-plane shutter
Shutter	: 1/4000 - 60 sec. Manual mode: Bulb (Limit: 8 min.)

### ■ Auto focus

Product type	: TTL phase-contrast detection system
Focusing point	: 3-point multiple AF (left, center, right)
AF luminance range	: EV 0 - EV 19
Selection of focusing point	: Auto, Optional
AF illuminator	: The built-in flash provides light. (light can also be provided by an external electronic flash.)

### ■ Exposure control

Metering system	: TTL full-aperture metering system <ol style="list-style-type: none"><li>(1) Digital ESP metering (49-segment multi pattern metering)</li><li>(2) Center weighted average metering (49-segment multi pattern metering)</li><li>(3) Spot metering (approx. 2% for the viewfinder screen)</li></ol>
Metering range	: (1) EV 1 - 20 (Digital ESP metering, Center weighted average metering) <ol style="list-style-type: none"><li>(2) EV 3 - 17 (Spot metering) (At normal temperature, 50 mm F2, ISO 100)</li></ol>

Exposure mode	: (1) AUTO: Full auto (2) P: Program AE(Program shift can be performed) (3) A: Aperture priority AE (4) S: Shutter priority AE (5) M: Manual
ISO sensitivity	: 100 - 400 (High ISO values (400 - 1600) are available)
Exposure compensation	: Exposure can be adjusted in 1/3, 1/2 or 1 EV step within a range of $\pm 5$ EV.

### ■ White balance

Product type	: CCD
Mode setting	: Auto, Preset WB (7 settings), Customized WB , One-touch WB

### ■ Recording

Memory	: CF card (Compatible with Type I and II) Microdrive (Compatible with FAT 32) xD-Picture Card
Recording system	: Digital recording, TIFF (non-compression), JPEG (in accordance with Design rule for Camera File system (DCF)), RAW Data
Applicable standards	: Exif 2.2, Digital Print Order Format (DPOF), PRINT Image Matching II, PictBridge

### ■ Playback

Playback mode	: Single-frame playback, Close-up playback, Index display, Image rotation, Slideshow, Light box display, Calendar display
Information display	: Information display, Histogram display

### ■ Drive

Drive mode	: Single-frame shooting, Sequential shooting, Self-timer, Remote control
Sequential shooting	: 2.5 frames/sec. (Max. no. of storable sequential pictures: 4 frames in RAW/TIFF)
Self-timer	: Operation time: 12 sec., 2 sec.
Optical remote control	: Operation time: 2 sec., 0 sec. (instantaneous shooting) (RM-1 Remote Control (optional))

### ■ Flash

Synchronization	: Synchronized with the camera at 1/180 sec. or less
Flash control mode	: TTL-AUTO (TTL pre-flash mode), AUTO, MANUAL
External flash attachment:	Hot shoe

### ■ External connector

USB connector/AV connector (Multi-connector)

### ■ Power supply

Battery	: BLM-1 Li-ion Battery x1/CR123A lithium battery x3 (for use with LBH-1 Lithium Battery Holder)
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### ■ Dimensions/weight

Dimensions	: 129.5 mm (W) x 94.5 mm (H) x 66 mm (D) (5.1" x 3.7" x 2.6") (excluding protrusions)
Weight	: Approx.435 g (1.0 lb.) (without battery)

### ■ Operating environment

Temperature	: 0 - 40°C (32°F - 104°F) (operation)/-20 - 60°C (-4°F - 104°F) (storage)
Humidity	: 30 - 90 % (operation)/10 - 90 % (storage)

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

# OLYMPUS®

<http://www.olympus.com/>

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

(Monday to Friday) ET

E-Mail: [e-slrpro@olympusamerica.com](mailto:e-slrpro@olympusamerica.com)

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

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### European Technical Customer Support:

Please visit our homepage <http://www.olympus-europa.com>

or call our TOLL FREE NUMBER\* : **00800 - 67 10 83 00**

for Austria, Belgium, Denmark, Finland, France, Germany, Italy, Luxemburg, Netherlands,  
Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom

\* Please note some (mobile) phone services/provider do not permit access or request an  
additional prefix to +800 numbers.

For all not listed European Countries and in case that you can't get connected

to the above mentioned number please make use of the following

CHARGED NUMBERS: **+49 180 5 - 67 10 83** or **+49 40 - 237 73 899**

Our Technical Customer Support is available from 9 am to 6 pm MET (Monday to Friday)