

# OLYMPUS®

# ∞ ACCURA ZOOM 105 R

## INSTRUCTIONS

Before using your camera, read this manual carefully to ensure correct use.

OLYMPUS  
ACCURA ZOOM 105 R  
INSTRUCTIONS

ADVANCED TECHNIQUES  
TECHNIQUES AVANCEES  
TECNICAS AVANZADAS

CAMERA MAINTENANCE  
ENTRETIEN DE L'APPAREIL  
MANTENIMIENTO DE LA  
CAMARA

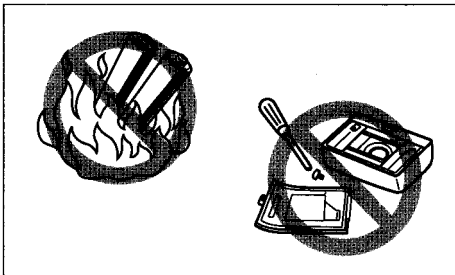


Thank you for purchasing an Olympus camera. Before you start to use your new camera, please read these instructions carefully to obtain optimum performance and a longer service life from the unit.

**WARNING**

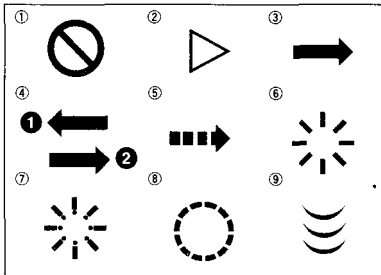


Ignoring this mark may result in the death or serious injury of the user.



KEEP THE BATTERIES AWAY FROM FIRE.  
NEVER TRY TO DISASSEMBLE, RECHARGE, OR  
SHORT CIRCUIT BATTERIES.

NEVER ATTEMPT TO DISASSEMBLE THE CAMERA;  
IT CONTAINS A HIGH-VOLTAGE CIRCUIT.  
IF THE INTERNAL PARTS OF THE CAMERA ARE  
EXPOSED DUE TO DROPPING OR DAMAGE,  
REMOVE THE BATTERIES IMMEDIATELY TO  
PREVENT FURTHER USAGE.  
IN CASE OF MALFUNCTION, CONSULT YOUR  
NEAREST OLYMPUS DEALER OR OLYMPUS  
SERVICE CENTER.




## MAIN FEATURES

- Built-in 38mm ~ 105mm approx. 3X zoom lens.

Symbols used in this manual:

- |                      |                       |                    |
|----------------------|-----------------------|--------------------|
| ① Incorrect          | ② Next operation      | ③ Manual operation |
| ④ Operation order    | ⑤ Automatic operation | ⑥ Indicator on     |
| ⑦ Indicator blinking | ⑧ Attention           | ⑨ Depress halfway  |

Pay particular attention items in the instructions enclosed in boxes 

Product shown in the illustrations may be slightly different from the unit.

## PREPARATIONS

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## ADVANCED TECHNIQUES

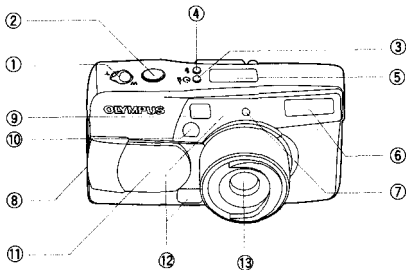
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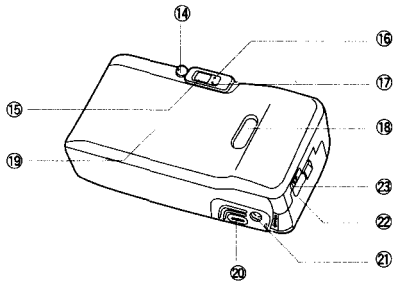
\* Optional



## NAMES AND FUNCTIONS OF PARTS

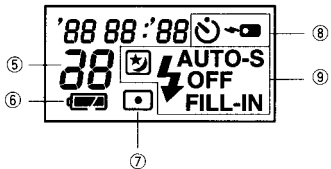
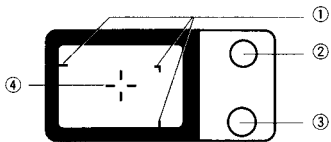
- ① Zoom lever (See p. 21.)  
Zooms in — telephoto.  
Zooms out — wide-angle.
- ② Shutter release button (See p. 16.)
- ③ Selftimer/Remote Control button (See p. 38.)
- ④ Flash mode button (See p. 29.)
- ⑤ LCD panel\* (See p. 8.)
- ⑥ Flash\*
- ⑦ Selftimer indicator
- ⑧ Strap eyelet
- ⑨ Viewfinder
- ⑩ Light sensor\*
- ⑪ Lens barrier
- ⑫ Autofocus windows\*
- ⑬ Lens\*

\* Do not soil as this can cause blurred pictures.  
Wipe clean with a soft cloth.



- ⑭ Diopter adjustment dial (See p. 9.)
- ⑮ Viewfinder (See p. 8.)
- ⑯ Orange lamp
- ⑰ Green lamp
- ⑱ Film window
- ⑲ Back cover
- ⑳ Mid-roll rewind button (See p. 28.)
- ㉑ Tripod socket
- ㉒ Battery compartment cover
- ㉓ Back cover release (See p. 17.)

## VIEWFINDER DISPLAY/LCD PANEL



### Viewfinder Display

- ① Close-up correction marks  
At a close distance, your subject must be positioned within the close-up correction marks.
- ② Orange lamp  
Lights when the flash is ready to fire.  
Blinks while the flash is recharging.
- ③ Green lamp  
Lights when the subject is in focus.  
Blinks when the subject is not in focus.

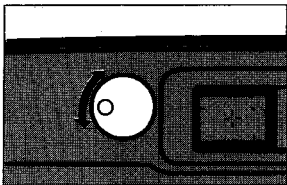
### ④ Autofocus mark

Position your subject within the autofocus mark.

### LCD Panel

- ⑤ Exposure counter  
(See p. 19.)
- ⑥ Battery check (See p. 14.)
- ⑦ Spot (See p. 36.)
- ⑧ Selftimer/Remote Control  
(See p. 38.)
- ⑨ Flash modes (See p. 29.)

Note: The LCD panel does not actually display all indication simultaneously as shown.

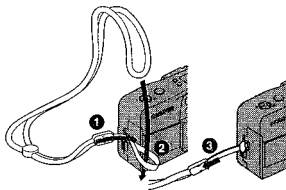


## **DIOPTER ADJUSTMENT**

To Adjust the Viewfinder to Compensate for Near- and Far-sighted Vision

Turn the diopter adjustment dial until the viewfinder display becomes clear.

Turn to the right if you are far-sighted or to the left if you are near-sighted.

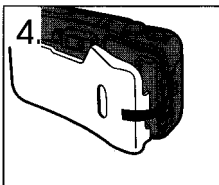
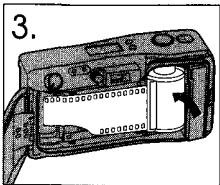
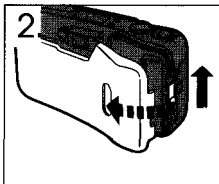
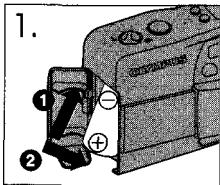


## **USING THE STRAP**

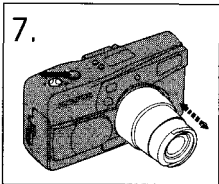
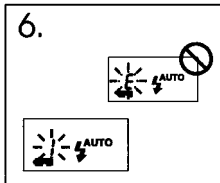
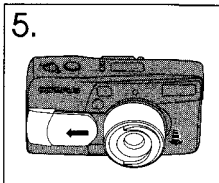
Attaching the strap.

## OUTLINE OF OPERATIONS

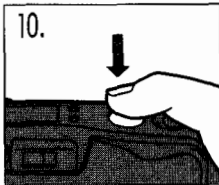
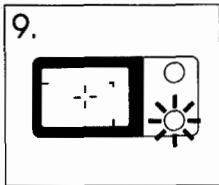
### Basic Shooting Procedures



1. Load a battery (p. 13).
2. Open the back cover (p. 17).
3. Load the film (p. 17).  
(Use of ISO 400 film is recommended.)
4. Close the back cover. The film automatically advances to the first frame (p. 19).

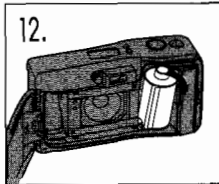
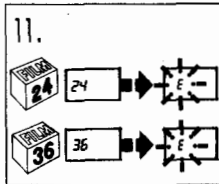


5. Open the lens barrier until you hear a click (p. 19).
6. Make sure the exposure counter on the LCD panel reads "1" (p. 19).
7. Press the zoom lever for telephoto or wide-angle photography (p. 21).
8. Place the autofocus mark on the subject you want to photograph (p. 22).



9. Depress the shutter release button halfway to make sure the green lamp lights (p. 22).

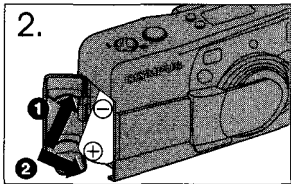
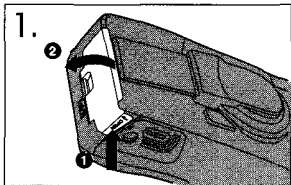
10. Depress the shutter release button fully to take a picture (p. 23).



11. When the film reaches the end, it will automatically rewind (p. 28).

12. Open the back cover to remove the rewound film (p. 28).

## LOADING THE BATTERY

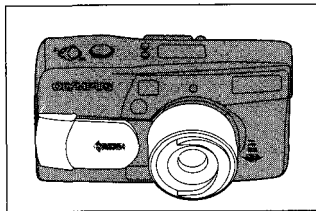


1. Close the lens barrier. Push OPEN **1** to open the battery compartment cover **2**.
2. Insert the new battery correctly as shown and close the battery compartment cover tightly.




- Use a 3 V lithium battery (DL 123A, CR123A, or equivalent.)
- About 15 rolls of film can be used with one new battery. (p. 39)

Read "Battery Handling" on page 43.

## CHECKING THE BATTERY

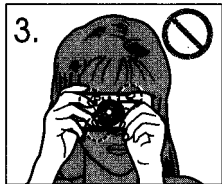
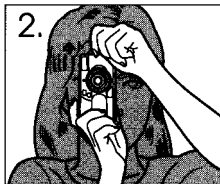


Open the lens barrier as shown until you hear a click. Check the remaining battery power.

Display	Meaning
 lights (and turns off automatically).	Battery is OK. You can shoot.
 blinks and other indicators on the LCD panel are displayed normally.	Battery power is low and battery should be replaced.
 blinks and other indicators on the LCD panel go out.	Battery is dead and should be replaced immediately.

Note: Keep spare battery on hand when going on a long trip or a wedding or when using the camera in cold weather.

## POINTS TO REMEMBER

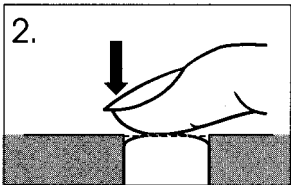
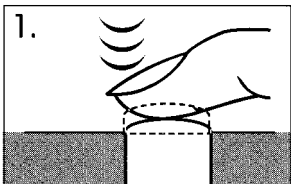


### Hold the Camera Correctly.

1. Correct.  
Hold the camera firmly with both hands while keeping elbows at sides to prevent the camera from shaking.
2. Correct.  
In the vertical position, hold the camera with its flash positioned at the top.
3. Incorrect.

**Caution:**

Keep your fingers and the strap away from the lens, autofocus windows and flash. (See page 6)



### Proper Shutter Release.

Practice before loading the film.

1. Depress the shutter release button halfway to lock the focus.

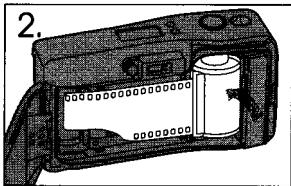
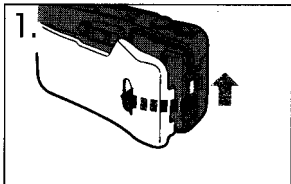
**Make sure**

The green lamp next to the viewfinder lights.

2. Depress the shutter release button fully to release the shutter and take the picture.

**Cautions:**

- Press the shutter release button gently.
- Avoid shaking the camera when pressing the shutter release button to prevent blurry pictures.



## LOADING THE FILM

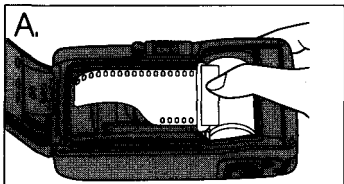
1. Slide the back cover release upward to open the back cover.

Do not touch the inside of the camera, especially the lens. If there is dust or dirt on the lens, remove it with a blower brush.

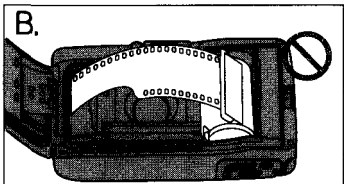
2. Insert the film cartridge, making sure the film is lying flat.

### Notes:

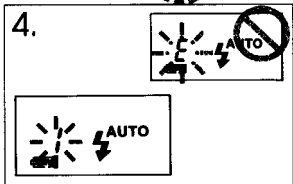
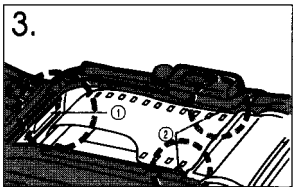
- Use of ISO 400 film is recommended.
- When using non-DX-coded film, ISO 100 is automatically set.



- A. Correct.  
Make sure the film is lying flat before closing the back cover.



- B. Incorrect.  
If the film is not lying flat as shown, the film may not advance to the first frame.



3. Align the film leader with the mark ①, and close the back cover.  
The film automatically advances to the first frame.

**Make sure**

The film does not overlap any of the positioning guides ② shown on the left.

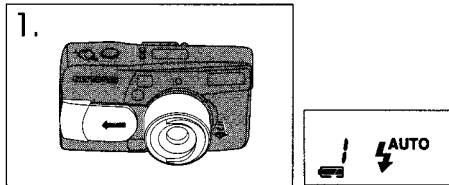
4. Open the lens barrier until you hear a click.

**Make sure**

The exposure counter on the LCD panel reads 1.

Note:  
If **E** blinks in the exposure counter, as shown on the left, the film is improperly loaded. Reload the film.

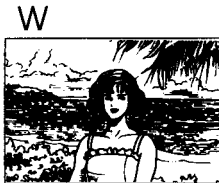
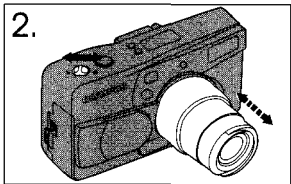
## TAKING PICTURES



1. Open the lens barrier until you hear a click.

**Make sure**

The lens extends slightly and the LCD panel activates.



2. Aim the camera at your subject. Use the zoom lever for telephoto or wide angle photography.

**How to Use the Zoom Lever:**

Telephoto:

Pull the lever to the "T" side to zoom in.

Maximum telephoto focal length: 105 mm

Wide angle:

Push the lever to the "W" side to zoom out.

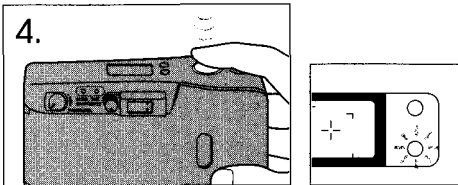
Maximum wide-angle focal length: 38 mm



3. Position the autofocus mark on your subject.

① Autofocus mark

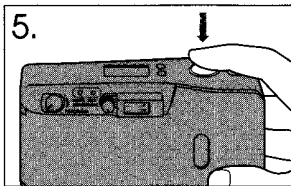
⊘ Do not look directly at the sun through the viewfinder.



4. Depress the shutter release button halfway to adjust the focus.

**Make sure**

Focus has been correctly adjusted and the green lamp lights. Exposure also will be adjusted automatically.

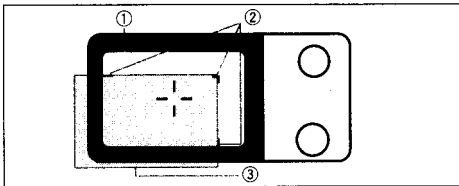


5. Depress the shutter release button fully to take the picture.  
The film automatically advances to the next frame.

### **Working Distance**

The focus range of the camera is 0.6 m (2 ft) to  $\infty$  (infinity).

- When the subject is closer than 0.6 m (2 ft), the shutter will not release. (The green lamp blinks.)
- When the subject is extremely close to the camera, the subject will be out of focus although the shutter releases.



## Close-up Correction

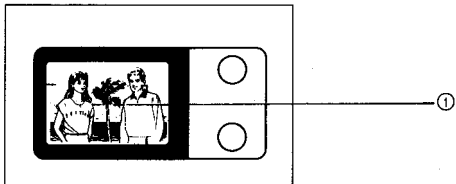
- ① Picture frame
- ② Close-up correction marks
- ③ Image area of picture at 0.6 m (2ft)

The viewfinder's picture frame shows the area that can be shot for subjects at  $\infty$ . However, the picture area will move lower in the viewfinder as you get closer to the subject. At 0.6 m (2ft), the shaded area is the actual available image area. In this case, the subject should be positioned below the close-up correction marks.

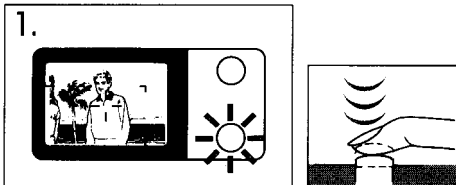
## USING THE FOCUS LOCK To Avoid Taking Out-of-focus Pictures


When the main subject is not within the autofocus mark. Use the focus lock.

The autofocus mark must be positioned on the subject in this case, the camera will focus on the background behind the subjects and the subjects will be out of focus.



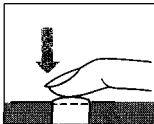
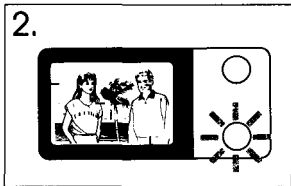
① Autofocus mark



1. Position the autofocus mark  on your subject and press the shutter release button halfway.

**Make sure**

The green lamp lights.



2. Reposition your subjects in the picture frame while keeping the shutter release button depressed halfway. Then press the shutter release button fully.

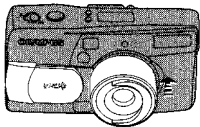
### Difficult Autofocus Subjects

- Glossy or reflective surfaces
- Black objects
- Subjects behind glass or wire mesh
- Flames, smoke, etc.
- Sunlight or excessively bright light within the picture area

In such situation as the above, use the focus lock by focusing on a different subject at a similar distance. Then reposition the correct subject in the picture frame.

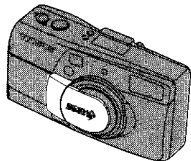
## AFTER SHOOTING

1.



1. Close the lens barrier slowly and carefully. The lens will retract automatically.

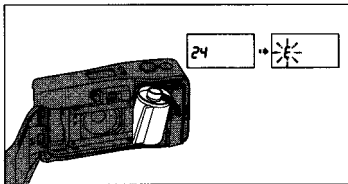
2.



2. Close the lens barrier completely. The display goes out.

Caution:  
Do not apply force to the lens barrel.

## UNLOADING THE FILM

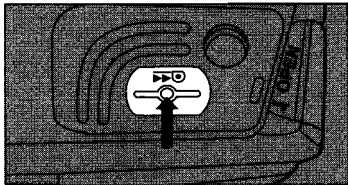


The camera automatically rewinds the film when you reach the end of a roll.

After the motor stops and **E** starts blinking on the LCD panel, open the back cover and remove the film.

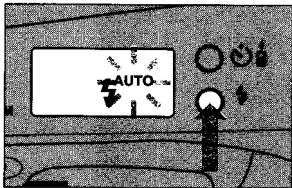
Notes:

- The number of exposures remaining decreases during winding.
- The final number of exposures may sometimes exceed the number of exposures specified on the film.



### **Rewinding the film before the end of the roll**

Press the mid-roll rewind button gently with your nail, etc. Do not use an instrument with a sharp tip.



## USING THE FLASH MODES

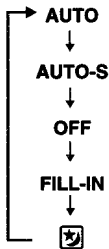
This camera has five flash modes. Select the flash mode according to your shooting conditions and needs.

### How to select the flash mode:

As you press the FLASH mode button, the mode switches as shown on p. 30. The selected flash mode is displayed on the LCD panel.

- ⊗ Do not discharge flash too close to eyes of people or animals.

## LCD Panel Display



### **AUTO** mode:

Automatically fires in low-light and backlit conditions.  
(p. 31)

### **AUTO-S** mode:

Significantly reduces the phenomenon of "red-eye"  
(when a subject's eyes appear red in flash photos).  
(p. 32)

### **OFF** mode:

The flash does not fire. (p. 33)

### **FILL-IN** mode:


Fires regardless of available light. (p. 34)

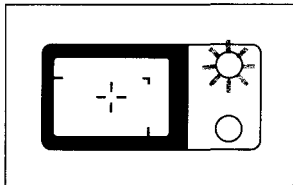


### mode:

Lights the subject in the foreground with a  
nightscene in the background. (p. 35)

### Notes

- When the lens barrier is closed, AUTO-S will not be canceled. All other modes will return to the AUTO mode.
- In the Auto, Auto-S Flash, and  modes, the flash strength is automatically controlled to prevent pictures from being overexposed even when the subjects are close.



## AUTO (Auto Flash)

In the Auto Flash mode, the flash will fire automatically in low-light and backlit conditions.

### Make sure

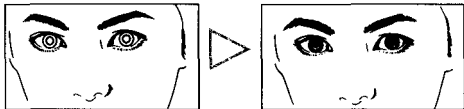
The orange lamp in the upper right of the viewfinder lights when the shutter release button is depressed halfway.

Notes:

- When the orange lamp is blinking, the flash is being recharged and the shutter release button won't release. Release your finger from the shutter release button, and wait for several seconds.
- Maximum distance is about 70% when using positive color film.

☆ **Flash Working Range (with color negative film)**

ISO	W (38 mm)	T (105 mm)
100	0.6 ~ 4.9m (2~16.1 ft)	0.6~2.5 m (2~8.2 ft)
200	0.6 ~ 6.9m (2~22.6 ft)	0.6~3.5m (2~11.5 ft)
400	0.6~9.8m (2~32.2 ft)	0.6~5.0m (2~16.4 ft)



## AUTO-S (Red-Eye Reducing Flash)

Significantly reduces the phenomenon of "red-eye" (when a subject's eyes appear red in flash photography).

In the Auto-S Flash mode, the camera will emit a series of low-power pre-flashes before the regular flash. This makes the subject's pupils contract, significantly reducing red-eye. Except for the pre-flashes, this mode is the same as the Auto Flash mode.

Red-eye reduction may not be effective when the subject.

1. Is not looking at the flash from the right front.
  2. Is not watching the pre-flashes.
  3. Is too far from the camera.
- Does not respond to the pre-flashes due to particular individual characteristics.

**IMPORTANT** Be *sure* to hold the camera still until the shutter releases. It takes about one second.



## OFF (Flash Override)

When you don't want the flash to fire even in the dark or when you want to shoot such subjects as fireworks.

In the Flash-OFF mode, the flash does not fire even in low-light conditions. Use this mode in situations where flash photography is not desired or is prohibited or in twilight or night scenes.

Note: Since a slow shutter speed (down to 4 seconds) is automatically selected in low-light situations when in the Flash-OFF mode, the use of a tripod is recommended to prevent blurred pictures caused by shaking the camera.

## FILL-IN (Forced Activation)

When you want to fire the flash every shot.



In the FILL-IN Flash mode, the flash fires regardless of available light. For example, this mode can be used to brighten up a subject's shaded face or under artificial lighting such as back-lit, fluorescent light. Use this mode within the flash working range (p. 31). It may be hard to work under the excessively bright light.

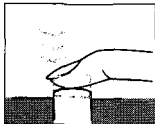
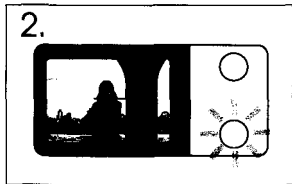
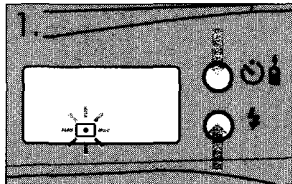


## NIGHT SCENE TO CAPTURE A NIGHT SCENE BEAUTIFULLY

Use the Night-Scene Flash mode to properly light the subject in the foreground while leaving the background naturally lit.





Note: Since a slow shutter speed (down to 4 seconds) is automatically selected in low-light situations, use a tripod to prevent blurred pictures caused by camera shake.

Night-Scene mode cannot be used together with Spot mode.

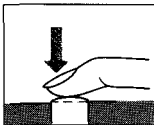
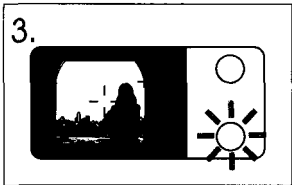


## SPOT MODE

TO FOCUS AND SET THE EXPOSURE FOR A SELECTED AREA.

1. Press the  button and flash mode button at the same time.  
 is displayed on the LCD panel.  
 Press the  and the flash mode buttons at the same time or close the lens barrier to cancel the stop mode.
2. Position the autofocus mark  on your subject, and press the shutter release button halfway.

Make sure  
 The green lamp lights,  
 The exposure will be locked in the center of the autofocus mark.



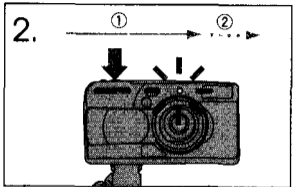
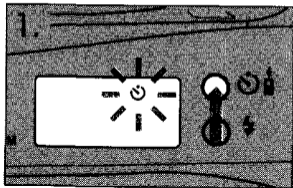
3. Reposition your subject in the picture frame while keeping the shutter release button depressed halfway. Then press the shutter release button fully.



Exposure can be adjusted at different points from the autofocus frame using the Spot mode.

## SELFTIMER/REMOTE CONTROL \*

See The Optional Remote Control's Instructions For More Details.



1. Use a tripod, etc., to hold the camera securely. Press the selftimer/remote control button,  is displayed on the LCD panel.
2. Aim at your subject, and press the shutter release button. The shutter will be released about 12 sec. later.
  - ① 10 sec.: Selftimer indicator lights
  - ② 2 sec.: Blinks

### Notes:

- The shutter can also be released using the optional remote control (it takes about 3 sec.).
- The focus and exposure will be locked when the shutter release button is depressed halfway.
- The selftimer is disengaged when the shutter is released.
- To cancel the selftimer after it has been activated, press the selftimer/remote control button again.

## QUESTIONS AND ANSWERS

Q: How long will the battery last?

A: A new 3V lithium battery will last for roughly 15 rolls of 24-exposure film on which the flash was used on half of all the shots (determined under Olympus test conditions). If you do not use the flash and zoom very often, the battery will last much longer.

Q: Why does the flash get hot?

A: If the flash is used continuously, it may become hot. If this happens, stop using the camera for a while.

Q: Can I use infrared film?

A: No, you cannot.

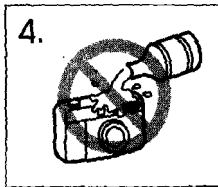
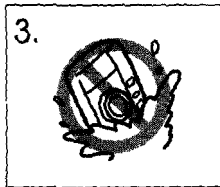
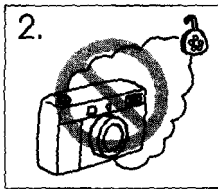
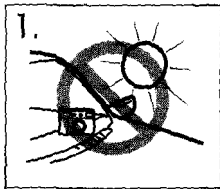
Q: How should I clean the lens?

A: Wipe the lens gently with lens cleaning tissue that has been moistened with a small amount of lens cleaning fluid.

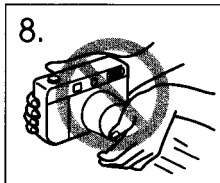
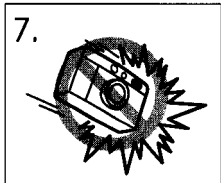
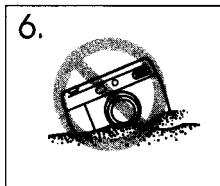
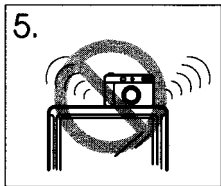
Q: Can I mount a filter or hood?

A: No, you cannot.

## CARE AND STORAGE



1. Do not leave camera in any place exposed to excessive heat, humidity, or direct sunlight—for example. In a car or on the beach.
2. Do not expose the camera to formalin or naphthalene.
3. If the camera gets wet, wipe it with a dry towel as soon as possible. The salt in seawater can be especially damaging.
4. Do not use organic solvents, such as alcohol or paint thinner when cleaning the camera.



5. Do not leave the camera on or near a television, refrigerator, or other appliance with a magnetic field.
  6. Do not expose the camera to dust or sand as this could cause serious damage.
  7. Do not shake or shock the camera.
  8. Do not apply excessive force to the zoom lens.
- Please keep the camera in a well-ventilated place.
  - Do not expose the camera to extreme heat (over 40°C/104°F) or to extreme cold (below -10°C/14°F). Low temperatures, even within this range, may sometimes cause deterioration in battery performance, temporarily disabling the camera.

- When transporting the camera from a cold place to a warm place or in the event of a sudden temperature change, put the camera into a plastic bag. This allows the camera's temperature to change slowly. Once the camera has adjusted to the new temperature, you can remove it from the bag and use it.
- Keep your hair, hands, strap etc. away from the autofocus window, lens, AE sensor and flash.
- Avoid leaving the camera unused for long periods of time. This can cause mold to grow on the camera as well as other problems. Try to press the shutter release button and check the operation of camera before use.
- Some airport X-ray machines can damage the film in your camera. Try to avoid passing your camera through these machines. Give to the security officer for manual inspection.
- This camera is controlled by a microcomputer. Problems with the microcomputer can affect or stop camera operation. If this happens, remove the batteries, then reload them and try the camera again. Strong electrical fields can also interfere with the operation of this camera so try to avoid places or objects that generate such fields.
- This camera is not suitable for professional use or for use under severe conditions.

## BATTERY HANDLING

### NOTES

- When the camera is not used for an extended period of time, remove the battery.
- Keep spare battery on hand when going on a long trip or to a cold area.
- Sweat, oil, and so on can prevent a battery's terminals from making electrical contact. To avoid this, wipe both terminals before loading battery.

## **WARNINGS**

- NEVER TRY TO DISASSEMBLE, RECHARGE, OR SHORT CIRCUIT BATTERY. NEVER EXPOSE BATTERY TO EXCESSIVE HEAT OR OPEN FLAMES.
- KEEP THE BATTERY OUT OF THE REACH OF CHILDREN. IF A CHILD SWALLOWS A BATTERY, CONTACT A DOCTOR IMMEDIATELY.
- USE ONE 3V LITHIUM BATTERY (DL 123A OR CR123A). NEVER TRY TO DISASSEMBLE OR MODIFY ANY BATTERY OR BATTERY PACK FOR USE IN THIS CAMERA.

## TROUBLESHOOTING

### OPERATING PROBLEMS

The camera does not work.

- ① The lens barrier is not opened.  
→ Open the lens barrier completely, (p. 20)
- ② The alignment of the battery terminals is not correct.  
→ Reload the battery correctly, (p. 13)
- ③ The battery is exhausted.  
→ Replace the battery with new one. (p. 14)
- ④ The battery is temporarily unable to function because of cold.  
→ Keep the camera warm while using it.
- ⑤ The loaded film has been rewound.  
→ Remove the film. (p. 28)
- ⑥ The film is incorrectly loaded.  
→ Reload the film. (p. 17)

The LCD display goes off suddenly.

- ① If you don't use the camera, the LCD goes off after four and half minutes.
  - Close the lens barrier and open it again or operate the zoom lever to turn the LCD back on. In addition, the power is turned OFF automatically after 4 hours. When the camera is not in use, try to keep the lens barrier closed.

The green lamp blinks, and the shutter release button will not release.

- ① The camera is closer than 0.6 m (2ft) to the subject.  
→ Move the camera back to distance more than 0.6 m (2ft) from the subject. (p. 23)

The orange lamp blinks, and the shutter release button will not release.

- ① The flash has not been recharged yet.  
→ Remove your finger from the shutter release button and wait for several seconds until the flash is recharged before shooting. (p. 31)

The flash does not fire, even in the dark.

- ① The flash mode is set to OFF.  
→ Set it to a mode other than OFF. (p. 29)
- ② High sensitivity film is being used.  
→ Set the flash mode to FILL-IN. (p. 29)

The viewfinder is out of focus.

- ① Diopter dial is not adjusted.  
→ Adjust the diopter dial until image is clear. (p. 9)

#### PROBLEMS WITH PRINTED PICTURES

The picture is out of focus.

- ① The camera moved when the shutter release button was pressed.  
→ Hold the camera correctly and press the shutter release button gently. (p. 15)
- ② The subject was not within the viewfinder's autofocus mark.  
→ Position the subject in the center of the autofocus mark, or use the focus lock. (p. 22)
- ③ The lens and autofocus windows were dirty.  
→ Clean the lens and autofocus windows.

- ④ The autofocus window was blocked, such as by a finger.  
→ Hold the camera correctly, keeping your fingers clear of the autofocus windows. (p. 15)
- ⑤ The subject was closer than the minimum working distance to the lens (0.6 m/2 ft).  
→ Shoot from more than 0.6 m (2ft) away from the subject. (p. 23)
- ⑥ When using the selftimer, the shutter release button was pressed while standing right in front of the camera.  
→ Do not stand in front of the camera. Press the shutter release button while looking through the viewfinder. (p. 38)

- ⑦ The autofocus didn't work correctly. There are some subjects that are difficult for the autofocus to lock on. These include: glossy or reflective surfaces, black objects, subjects behind glass or wire mesh, flames and smoke, excessively bright light within the picture area.
- First focus on an object at the same distance as the desired subject. Then aim at the desired subject and release the shutter release button. (p. 36)

The picture is too dark.

- ① The flash was blocked, (e.g. by a finger).
- Hold the camera correctly, keeping your fingers clear of the flash. (p. 15)
- ② The subject was out of the working range of the flash.
- Shoot within the flash working range. (p. 31)
- ③ The flash mode was set to OFF.
- Check the flash mode before shooting. (p. 29)

The color of a picture taken indoors is abnormal.

- ① The color of the room lighting affected the picture  
→ Set the flash to FILL-IN mode.

## SPECIFICATIONS

Type: Full automatic 35 mm autofocus lens-shutter camera with built-in 38 ~ 105 mm zoom lens.

Film format: 35 mm standard DX-coded film (24 x 36 mm)

Lens: Olympus lens 38 ~ 105 mm. F4.5 ~ 8.9, 6 elements in 5 groups.

Shutter: Programmed electronic shutter.

Viewfinder: Real image zoom viewfinder (with autofocus mark, close-up correction marks, autofocus indicator and flash indicator).

Focusing: Active-type autofocus system. Focus lock possible. Focusing range: 0.6 m (2ft) ~  $\infty$  (infinity).

Exposure control: Programmed automatic exposure control, 3-zone light metering, switchable to spot metering. Auto exposure range: Wide-angle — EV2.3 (F4.5, 4 sec.) to EV16 (F10.9, 1/500 sec.), Telephoto — EV4.3 (F8.9, 4 sec.) to EV17 (F19.7, 1/350 sec.).

Exposure counter: Progressive type with automatic reset, displayed on LCD panel.

Selftimer: Electronic selftimer 12-sec. delay.


Film speed range: Automatic setting with DX-coded film with ISO 50, 100, 200, 400, 800, 1600, 3200. Film speeds other than the above will be automatically set to the next lower speed. For non DX-coded film and film with less than ISO 50, film speed is set to ISO 100.

Film loading: Automatic loading. (Automatically advances to first frame when camera back cover is closed.)

Film advance: Automatic film winding.

Film rewind: Automatic film rewind (automatic rewind activation at end of film, automatic rewind stop). Rewind possible at any point with rewind button.

Flash: Recycling time: Approx. 0.5 ~ 7 sec. (at normal temperature with new battery). Flash working range: Wide-angle — 0.6 ~ 4.9 m (2 ~ 16.1 ft), Telephoto — 0.6 ~ 2.5 m (2 ~ 8.2 ft) with ISO 100 color negative film: Wide-angle — 0.6 ~ 9.8 m (2 ~ 32.2 ft). Telephoto — 0.6 ~ 5.0 m (2 - 16.4 ft) with ISO 400 color negative film.

Flash modes: AUTO (Automatic flash activation in low-light and backlight), AUTO-S (Red-eye reducing, otherwise same as auto), OFF (No flash), FILL-IN (Forced activation),  (for night scene with slowest shutter speed of 4 sec. Other functions operate as the same as in Auto mode.)

Battery check: Displayed on LCD panel.

Power source: 3 V lithium battery (DL123A/CR123A)  
Dimensions: 122(W) x 66 (H) x 45 (D) mm  
(4.8X2.6X1.8 in) (without protrusions).  
Weight: 245 g (8.6 oz)(without battery)

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

# OLYMPUS

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**This device complies with part 15 of the FCC Rules. Operation is subject to the conditions that this device does not cause harmful interference.**

**This Class B digital apparatus meets all requirements of the Canadian interference-Causing Equipment Regulations.  
Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.**