






# USING THE SUBJECT MODES

The camera's six subject modes offer a variety of functions.

Follow the procedure on page 24 to display and engage the subject modes. The subject mode changes in the order as shown on the right.


Mode	Function
	Spot (p. 30) You can focus and set the exposure for the main subject.
	Auto-Zoom (p. 32) You can keep the subject's head-and-shoulders framed in the viewfinder.
	Night Scene (p. 33) You can capture a night scene beautifully.
	AF-P (p. 34) You can focus on subjects approaching the camera.
	Infinity (p. 35) You can shoot distant subjects like mountains, clouds, and fireworks.

Normal Mode

- Notes:
- When the power is turned OFF and ON again, the camera returns to the Normal mode.
  - When the Normal mode is engaged, NORMAL on the LCD panel will disappear.

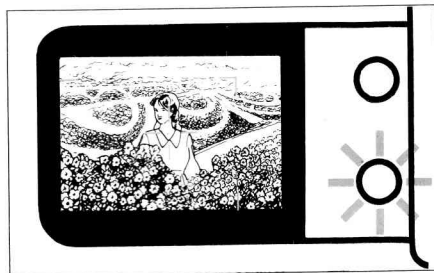
# SPOT

## To Focus and Set the Exposure for the Main Subject

1. Engage the Spot mode and position the autofocus mark  on your subject. Press the shutter release button halfway.



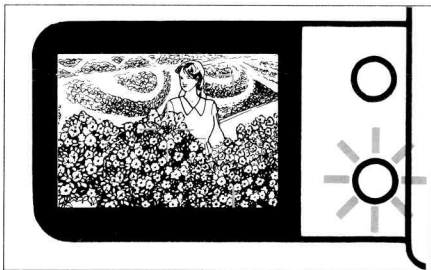
In the case above, the camera will focus on the flowers in the foreground and the main subject will be out of focus when shot in the normal mode.



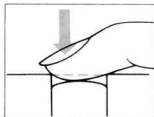
Make sure  
The green lamp lights.



2. Reposition your subject in the picture frame while keeping the shutter release button depressed halfway.



When the shutter release button is pressed halfway, the focus and exposure will be locked in the center of the autofocus mark.



3. Depress the shutter release button fully to take the picture.

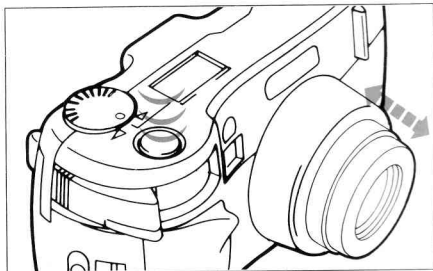
The use of the Spot mode is recommended in the following cases.

- When there is an object in front of the main subject.
- When the subject is on the edge of the frame.
- When the background is brighter than the subject (the subject is backlit).



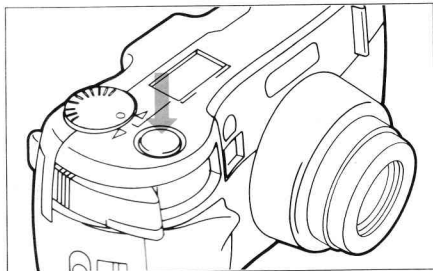
## AUTO-ZOOM To Keep the Subject's Head-and-Shoulders Framed in the Viewfinder

1. Engage the Auto-Zoom mode, and press the shutter release button halfway.



The lens will automatically zoom until the frame is filled with an adult's head and shoulders.

2. When the lens stops zooming, press the shutter release button fully.



Even in the Auto-Zoom mode, it is possible to use the zoom button.

Note: Outside 1.3 ~ 3.9 m (4.3 ~ 12.8 ft), the subject won't be zoomed in to the frame as specified.

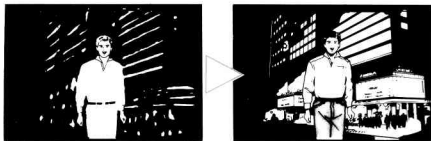
# NIGHT SCENE

To Capture a Night Scene Beautifully

Engage the Night Scene mode.

Any flash mode can be combined with the Night Scene mode.

When in the Auto, Auto-S, or Fill-In mode:



Both the subject in the foreground and the night scene will be properly exposed.

When in the Flash-Off mode:



The night scene will be properly exposed.

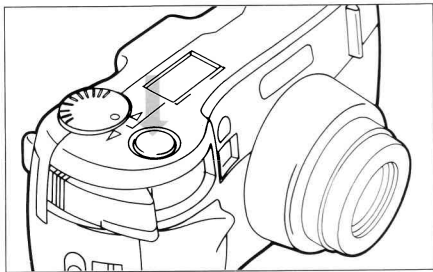
Note: Since a slow shutter speed (down to 2 seconds) is automatically selected in low-light situations, the use of a tripod is recommended to prevent blurred pictures caused by shaking the camera.



# AF-P

## To Focus on a Subject Approaching the Camera.

1. Engage the AF-P mode.  
Aim the camera at the approaching subject. Press the shutter release button.



The focus will be adjusted according to the movement of the subject.

AF-P mode working distance: 0.6 ~ 4m (2 ~ 13 ft)

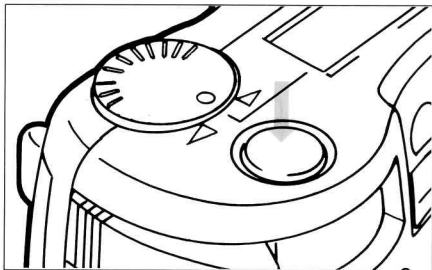
### Notes:

- The Auto-S mode cannot be combined with the AF-P mode. If the AF-P mode is engaged in the Auto-S mode, the flash mode will change to Auto and return to Auto-S when the AF-P mode is canceled.
- Self timer/Remote control cannot be used in the AF-P mode.
- The camera focuses only on the center of the autofocus mark, so make sure not to let the center of the autofocus mark shift from the subject.
- The orange and green lamps won't light when you press the shutter release button halfway. However, if the shutter release button is pressed before the flash is recharged, or outside the working range (less than 0.6 m/2 ft), the respective lamp will blink and the shutter will be locked.
- Moving subjects may be blurred even when in exact focus.

# INFINITY

## To Shoot Distant Subjects Like Mountains, Clouds, and Fireworks

1. Engage the Infinity mode.  
Aim at the subject. Press the shutter release button.



The working distance will be set at infinity.

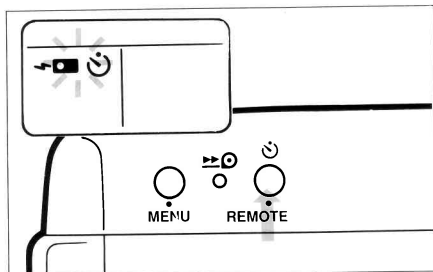
### Notes:

- The flash mode will automatically change to Flash-Off. When the Infinity mode is canceled, the flash mode will return to the previous mode.
- When the shutter release button is pressed halfway, the exposure will be locked.


# SELF TIMER

## To Put Yourself in the Picture

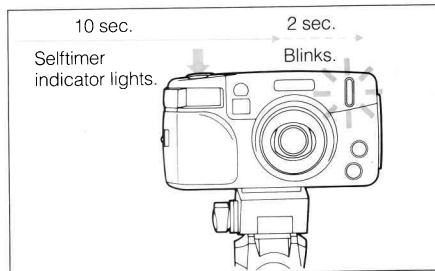
1. Press the /REMOTE button.   is displayed on the LCD panel.



### Notes:

- The focus and exposure will be locked when the shutter release button is depressed halfway.
- After the shutter is released, the camera will return to the Normal mode.
- To cancel the selftimer after it has been activated, press the /REMOTE button again.



2. Aim at your subject, and press the shutter release button.

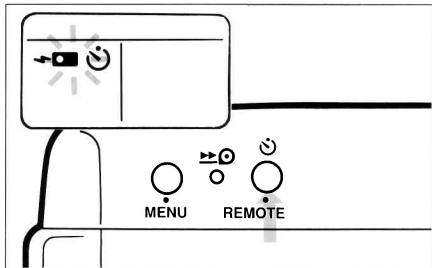



The shutter will be released 12 seconds later.



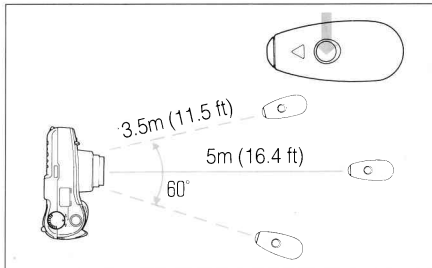
# REMOTE CONTROL (optional)

1. Press the  /REMOTE button.  is displayed on the LCD panel.



After shooting, press the  /REMOTE button again to cancel the selftimer/remote control mode.

2. Aim the remote control at the camera, and press the button. The shutter will be released after 3 seconds.



#### Notes:

- Use the remote control within the above range.
- The camera will focus on the subject directly in front of it.

# CARING FOR YOUR WEATHERPROOF CAMERA

This camera is weatherproof, however it is not designed for underwater use. Please note the following warnings and use the camera correctly.



Splashing water



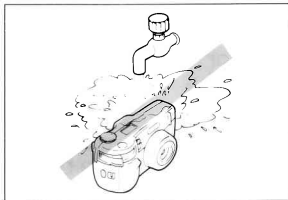
At the seaside



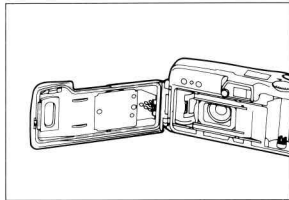
Rain



Do not submerge the camera or attempt to take pictures underwater.



Do not wash the camera.



Rubber gaskets are located inside the rear of the camera. Check the gaskets for wear and carefully remove any sand and dust to maintain a weatherproof seal.

- If the camera has been splashed by water, etc., clean the camera with a dry cloth as soon as possible.
- Do not touch the rubber gasket on the battery compartment cover or the rubber gasket on the camera back with excessive force. Do not remove the gaskets.
- Gaskets should be replaced after approximately three years, although they may require replacement earlier than that depending on use and wear.
- If the gaskets are damaged or need replacement, contact your nearest Olympus service center.

# QUESTIONS AND ANSWERS

Q: How long will the batteries last?

A: If you use 24-exposure rolls of film and use the flash on half of all your pictures, two new 3V lithium batteries (DL123A/CR123A) will last for 30 or more rolls of film. If you do not use the flash and zoom very often, the batteries will last much longer.

Q: How should I clean the lens?

A: Wipe the lens gently with a soft, clean cotton cloth that has been moistened with a small amount of lens cleaning fluid.

Q: Can I use film that is not DX-coded?

A: Yes, but only ISO 100 film.

Q: When does the camera measure and set the exposure?

A: When the shutter release button is depressed halfway, the camera measures both the exposure and focus and locks

them as long as the shutter release button remains halfway depressed.

Q: Why did my camera make a loud noise and retract the lens right after I replaced the batteries?

A: Because you replaced the batteries while the power was on. Be sure to switch off the power before replacing the batteries.

Q: Can the battery in the optional remote control be replaced with a new one?

A: No, it cannot be replaced but lasts about 8 years.

# CARE AND STORAGE

## CAUTIONS

- DO NOT EXPOSE THE CAMERA TO EXTREME HEAT (OVER 40°C/104°F) OR TO EXTREME COLD (BELOW -10°C/14°F).
  - AVOID SUDDEN TEMPERATURE CHANGES AND HUMIDITY.
  - DO NOT EXPOSE THE CAMERA TO STRONG MAGNETIC FIELDS.
  - DO NOT APPLY EXCESSIVE FORCE TO THE CAMERA OR ITS CONTROLS.
  - DO NOT TOUCH THE CONTACT POINTS INSIDE THE CAMERA.
  - DO NOT USE ORGANIC SOLVENTS, THINNERS, OR BENZINE TO CLEAN THE CAMERA.
  - AVOID STRONG IMPACT CAUSED BY BUMPING OR DROPPING THE CAMERA.
  - DO NOT IMMERSE THE CAMERA IN WATER.
  - DO NOT EXPOSE THE CAMERA TO EXCESSIVE DUST AND SAND.
- DO NOT EXPOSE THE CAMERA TO THE COLD WHEN IT'S WET, OR THE LENS PROTECTOR, ETC. MAY FREEZE, MAKING THE CAMERA INOPERABLE.
  - THE LENS BARREL IS FINISHED WITH A SPECIAL COATING TO SMOOTH THE ZOOMING MOVEMENT. NEVER WIPE IT WITH SOLVENTS LIKE THINNERS OR BENZINE. WHEN IT IS HEAVILY STAINED, CLEAN IT WITH A MOISTENED CLOTH AND THEN WIPE OFF THE MOISTURE WITH A DRY CLOTH.

## WARNING

- NEVER ATTEMPT TO DISASSEMBLE THE CAMERA; IT CONTAINS A HIGH-VOLTAGE CIRCUIT.

In case of malfunction, consult your nearest Olympus dealer or Olympus service center.

## **NOTES**


- Even when batteries are brand-new, their service life may be shorter than specified if an extended period of time has passed since they were produced.
- Do not mix different types of batteries or new and old batteries.
- Keep spare batteries on hand when going on a long trip or to a cold area.
- Sweat and oil can prevent a battery's terminals from making electrical contact. To avoid this, wipe both terminals before loading batteries.

## **WARNINGS**

- NEVER TRY TO DISASSEMBLE, RECHARGE, OR SHORT CIRCUIT BATTERIES. NEVER EXPOSE BATTERIES TO EXCESSIVE HEAT.
- KEEP THE BATTERIES OUT OF THE REACH OF CHILDREN. IF A CHILD SWALLOWS A BATTERY, CONTACT A DOCTOR IMMEDIATELY.
- USE TWO 3V LITHIUM BATTERIES (CR123A OR DL123A). NEVER TRY TO DISASSEMBLE OR MODIFY ANY BATTERY OR BATTERY PACK FOR USE IN THIS CAMERA.

# TROUBLESHOOTING

## OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The camera does not work.	<ul style="list-style-type: none"><li>① The power is OFF</li><li>② The alignment of the battery terminals is not correct.</li><li>③ The batteries are exhausted.</li><li>④ The batteries are temporarily unable to function.</li><li>⑤ The loaded film has been rewound.</li><li>⑥ The film is incorrectly loaded.</li></ul>	<ul style="list-style-type: none"><li>① Set the ON/OFF switch to ON.</li><li>② Reload the batteries correctly.</li><li>③ Replace the batteries with new ones.</li><li>④ Keep the camera warm while using it.</li><li>⑤ Load new film.</li><li>⑥ Reload the film.</li></ul>	<p>p. 18 p. 12</p> <p>p. 13</p> <p>p. 23 p. 17</p>
The LCD display turns off suddenly.	<ul style="list-style-type: none"><li>① The LCD display turns off after four and a half minutes if the camera is not used.</li></ul>	<ul style="list-style-type: none"><li>① Turn the power off and then on again or press the shutter release button halfway to turn on the LCD panel. In addition, the power is turned OFF automatically after 4 hours. When the camera is not in use, keep the power OFF as much as possible.</li></ul>	
The shutter doesn't release when the remote control's shutter release button is pressed.	<ul style="list-style-type: none"><li>① The remote control hasn't been used in the 15 minutes since the Selftimer/Remote Control mode was entered, causing the LCD panel to turn off.</li></ul>	<ul style="list-style-type: none"><li>① Press the zoom button. The LCD will light. Then press the /REMOTE button again.</li></ul>	

## OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The green lamp blinks, and the shutter will not release.	① The camera is closer than 0.6 m (2 ft) to the subject.	① Move the camera farther than 0.6 m (2 ft) from the subject.	p. 22
The orange lamp blinks, and the shutter will not release.	① The flash has not been recharged yet.	① Remove your finger from the shutter release button and wait for several seconds until the flash is recharged before shooting.	
The flash does not fire, even in the dark.	① The flash mode is set to OFF. ② The camera is in the Infinity mode which overrides the flash.	① Set it to a mode other than OFF. ② Cancel the Infinity mode, or set the flash mode to other than OFF.	p. 25 p. 35



## PROBLEMS WITH THE PRINTED PICTURES

Symptom	Cause	Remedy	See:
The picture is out of focus.	<ul style="list-style-type: none"> <li>① The camera moved when the shutter release button was pressed.</li> <li>② The subject was not within the viewfinder's autofocus mark.</li> <li>③ The lens and autofocus windows were dirty.</li> <li>④ The autofocus window was blocked, such as by a finger.</li> <li>⑤ The subject was closer than the minimum working distance to the lens (0.6 m/2 ft).</li> <li>⑥ While using the self-timer, the shutter release button was pressed while standing right in front of the camera.</li> <li>⑦ The Infinity mode is engaged.</li> <li>⑧ A difficult subject for the autofocus to lock on was shot. These subjects include: glossy and reflective surfaces, black objects, subjects behind glass or wire mesh, flames and smoke, excessively bright light within the picture area.</li> </ul>	<ul style="list-style-type: none"> <li>① Hold the camera correctly and press the shutter release button gently.</li> <li>② Position the subject in the center of the autofocus mark, or use the Spot mode.</li> <li>③ Clean the lens and autofocus windows.</li> <li>④ Hold the camera correctly, keeping your fingers clear of the autofocus windows.</li> <li>⑤ Shoot from more than 0.6 m (2 ft) away from the subject.</li> <li>⑥ Do not stand in front of the camera. Press the shutter release button while looking through the viewfinder.</li> <li>⑦ Cancel the Infinity mode.</li> <li>⑧ Shoot distant subjects in the Infinity mode. When the subject is near, first focus on an object at the same distance as the desired subject in the Spot mode. Then aim at the desired subject and release the shutter.</li> </ul>	<p>p. 14</p> <p>p. 21/30</p> <p>p. 14</p> <p>p. 22</p> <p>p. 36</p> <p>p. 29</p> <p>p. 30/35</p>
The picture is too dark.	<ul style="list-style-type: none"> <li>① The flash was blocked, such as by a finger.</li> <li>② The subject was out of the working range of the flash.</li> <li>③ The flash mode was set to OFF.</li> <li>④ The subject was backlit.</li> </ul>	<ul style="list-style-type: none"> <li>① Hold the camera correctly, keeping your fingers clear of the flash.</li> <li>② Shoot within the flash working range.</li> <li>③ Check the flash mode before shooting.</li> <li>④ Set the flash mode to FILL-IN.</li> </ul>	<p>p. 14</p> <p>p. 26</p> <p>p. 25</p> <p>p. 28</p>

# SPECIFICATIONS

Type: Full automatic 35mm autofocus lens-shutter camera with built-in 38~110mm zoom lens.

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

Lens: Olympus lens 38~110mm F3.8~8.1, 10 elements in 8 groups.

Shutter: Programmed electronic shutter.

Viewfinder: Kepler type zoom viewfinder (with autofocus mark, close-up correction marks, autofocus indicator and flash indicator). Diopter correction possible.

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

Exposure control: Programmed automatic exposure control. 3-zone light metering, switchable to spot metering. Auto exposure range: Wide-angle — EV2.9 (F3.8, 2 sec.) to EV16.2 (F12, 1/500 sec.), Telephoto — EV5.1 (F8.1, 2 sec.) to EV18.4 (F26, 1/500 sec.).

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

Selftimer: Electronic selftimer 12-sec. delay.

Remote control (optional): Infrared remote control unit with 3-sec. delay.

Film speed range: Automatic setting with DX-coded film with ISO 50, 100, 200, 400, 800, 1600, 3200. For 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 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: Built-in flash. Recycling time: Approx. 0.2 ~ 3.8 sec. (at normal temperature with new batteries). Flash working range: Wide-angle — 0.6 ~ 5.9 m (2 ~ 19.4 ft), Telephoto — 0.6 ~ 2.8 m (2 ~ 9.2 ft) with ISO 100 color negative film; Wide-angle — 0.6 ~ 11.8 m (2 ~ 38.7 ft), Telephoto — 0.6 ~ 5.6 m (2 ~ 18.4 ft) with ISO 400 color negative film. Slow-Synchro: possible with longest shutter speed of 2 sec.

Flash modes: AUTO (Automatic flash activation in low-light and backlight). AUTO-S (Red-eye reducing, in low-light and backlight). OFF (No flash). FILL-IN (Forced activation).

Battery check: Displayed on LCD panel.

Weatherproof: IEC Standard publication 529.

Classification of degrees of protection provided by enclosures. Degrees of protection indicated by the second characteristic numeral 4

● Short description: Protected against splashing water

● Definition: Water splashed against the enclosure from any direction shall have no harmful effect

● Test for second numeral 4: The equipment is sprayed from all practical directions.

The water pressure is adjusted to give a delivery rate of 10 lit./min. The test duration shall be 1 min. per m<sup>2</sup> of calculated surface area of the enclosure with a minimum duration of 5 min.

Power source: Two 3V lithium batteries

(DL123A/CR123A).

Dimensions: 133(W) X 68(H) X 56(D) mm

(5-1/4 X 2-11/16 X 2-3/16 in)

(without protrusions).

Weight: 305 g (10.8 oz) (without batteries).

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