

OLYMPUS®

∞ Stylus ZOOM

■ INSTRUCTIONS

- Before using your ∞Stylus Zoom, read this manual carefully to ensure correct use.
- We recommend that you take test shots to get accustomed to your ∞Stylus Zoom before taking important photographs.

PREPARATIONS

BASIC
OPERATIONS

ADVANCED
TECHNIQUES

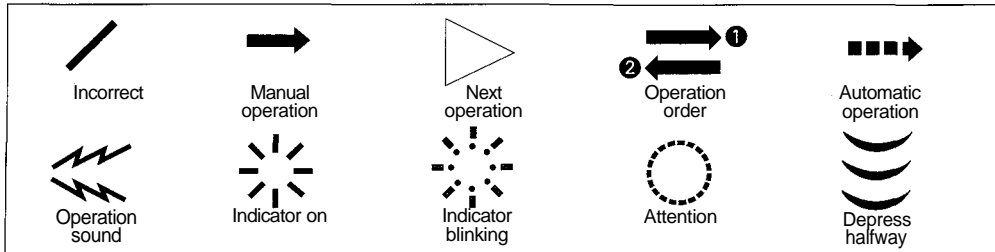
CAMERA
MAINTENANCE

Thank you for purchasing the Olympus ∞ Stylus Zoom.
Please read this instruction manual carefully before using the camera.

MAIN FEATURES

- Built-in 35 mm—70 mm 2X zoom lens.
- Weatherproof.
- Remote control (optional).

Symbols used in this manual:



PREPARATIONS

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CAMERA MAINTENANCE

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NAMES AND FUNCTIONS OF PARTS

Zoom lever (p. 21)

 Zooms in—telephoto.

 Zooms out—wide-angle.

Shutter release button
(p. 17)

Selftimer
indicator

Strap eyelet

Lens barrier

Flash mode button (p. 30)

Selftimer/remote
control button
(p. 37/38)

Flash

LCD panel

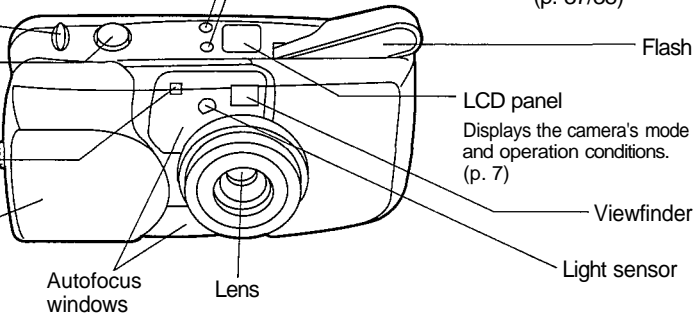
Displays the camera's mode
and operation conditions.
(p. 7)

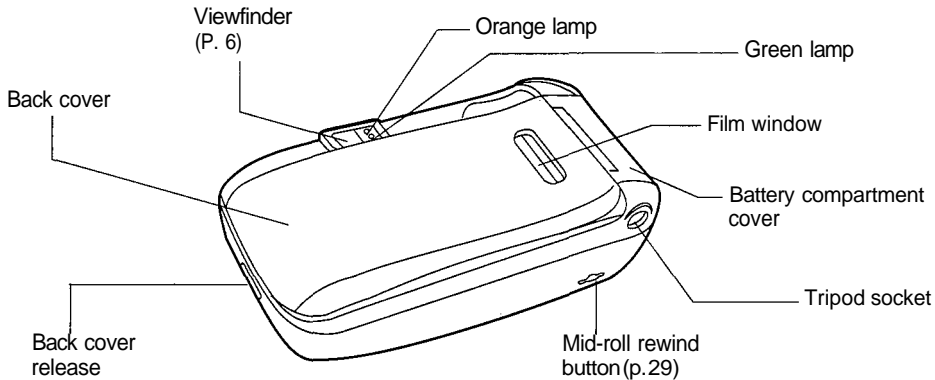
Viewfinder

Light sensor

Autofocus
windows

Lens





VIEWFINDER

Close-up correction marks

At a close distance, your subject must be positioned within the close-up correction marks.

Autofocus mark

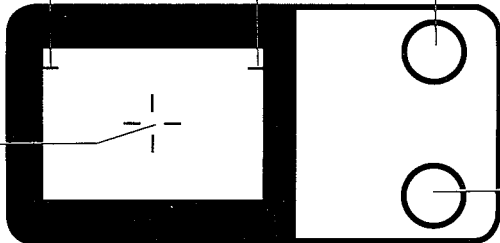
Position your subject within the autofocus mark.

Orange lamp

When this lamp lights, the flash will fire when you press the shutter button all the way.

Green lamp

Lights when the subject is in focus.

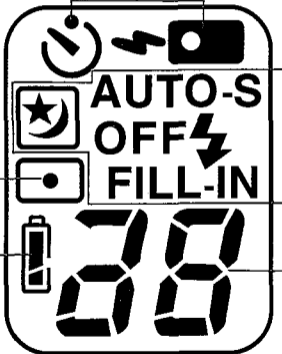


LCD PANEL

Selftimer/remote control (p. 37/38)

Spot mode (p. 40)

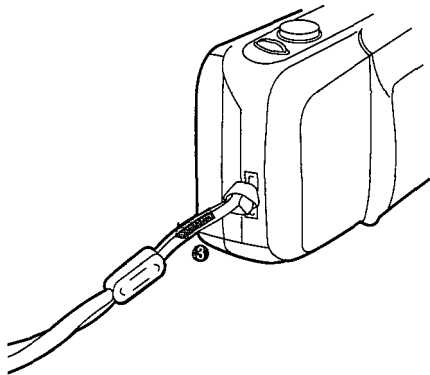
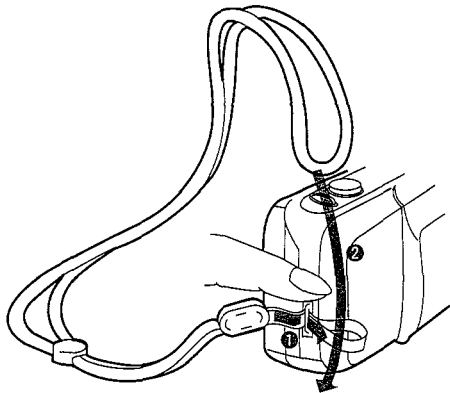
Battery check (p. 15)



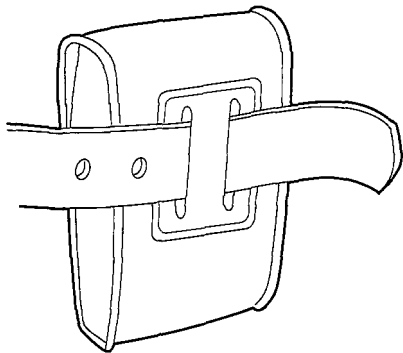
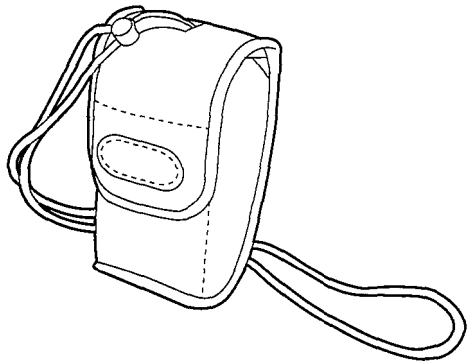
Flash modes (p. 31)

Exposure counter (p. 19)

ATTACHING THE STRAP



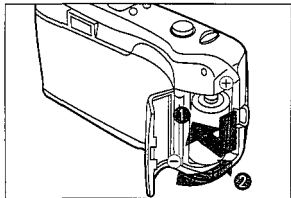
USING THE SOFT CASE (Optional)



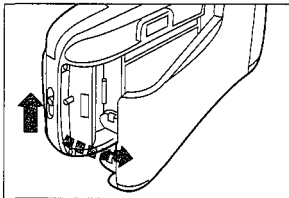
OUTLINE OF OPERATIONS

Basic Shooting Procedures

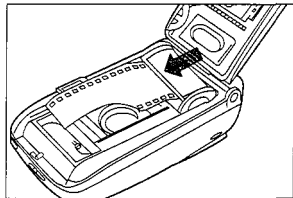
1. Load the battery
(p. 14).



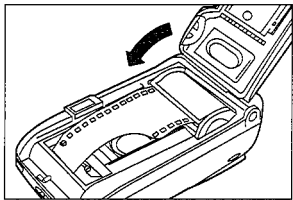
2. Open the back cover
(P. 18).



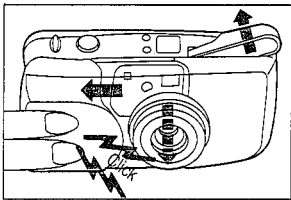
3. Load the film aligning
the film leader with
the red mark (p. 19).



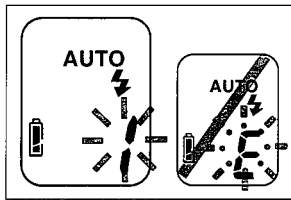
4. Close the back cover. The film automatically advances to the first frame (p. 19).



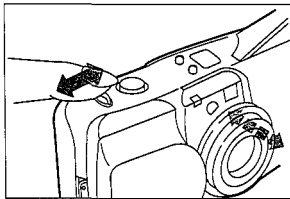
5. Open the lens barrier until you hear a "Click" (p. 19).



6. Make sure the exposure counter on the LCD panel reads "1" (p. 19)



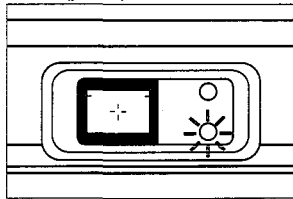
- 7.** Press the zoom lever for telephoto or wide-angle photography (p. 21).



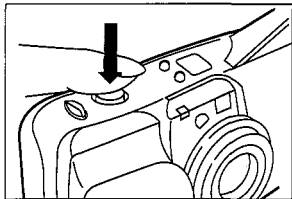
- 8.** Place the autofocus mark on the main subject (p. 22).



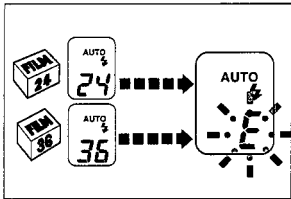
- 9.** Depress the shutter release button halfway to make sure the green lamp lights (p. 22).



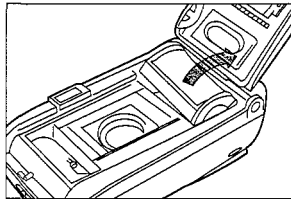
10. Depress the shutter release button fully to take a picture (p. 22).



11. When the film reaches the end, it will automatically rewind (p. 29).

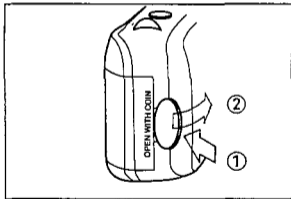


12. Open the back cover to remove the rewound film (p. 29).

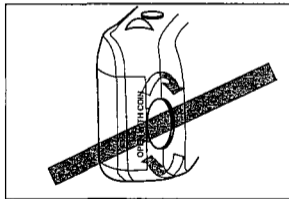


LOADING THE BATTERY

1. Close the lens barrier. Gently use a coin to open the battery compartment cover.

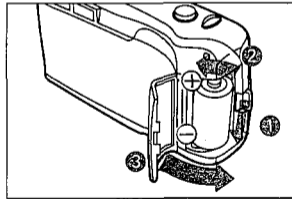


Read "Battery Handling" on page 45.



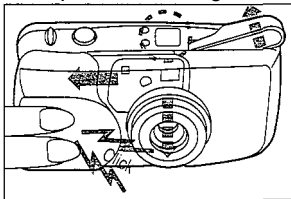
Do not twist the coin.

2. Insert the new battery correctly as indicated below and close the battery compartment cover tightly.






CHECKING THE BATTERY

1. Open the lens barrier as shown below until you hear a "Click" and check the battery power remaining.



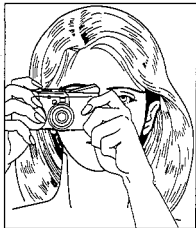
Use a 3 V lithium battery (Duracell DL123A, Panasonic CR123A, or equivalent.)

	Batteries are OK. The mark disappears after 12 sec.
 Blinks	Batteries are low. Have spares handy.
 Flights	Batteries should be replaced immediately.

Note: Keep a spare battery on hand when going on a long trip or to a cold area.

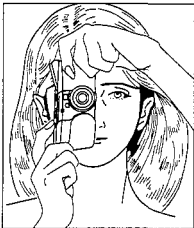
POINTS TO REMEMBER

Hold the Camera Correctly.



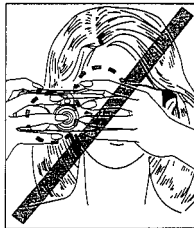
Correct.

Hold the camera firmly with both hands.



Correct.

In the vertical position, hold the camera with its flash positioned at the top.

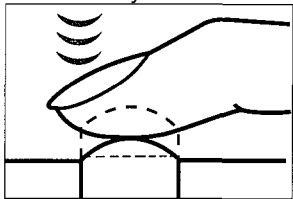


Incorrect.

Caution:
Keep your fingers and strap away from the lens, flash, auto-focus windows and light sensor.

Proper Shutter Release Practice before loading the film.

1. Depress the shutter release button halfway.

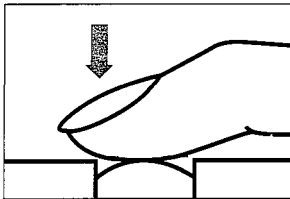


To lock the focus.

Make sure

The green lamp lights in the viewfinder.

2. Depress the shutter release button fully.



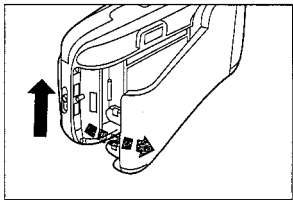
To release the shutter and take the picture.

Cautions:

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

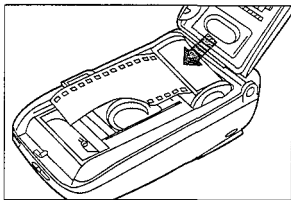
LOADING THE FILM

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

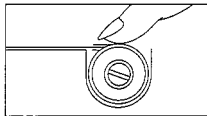


Make sure If there is dust or dirt on the lens, remove it with a blower brush.

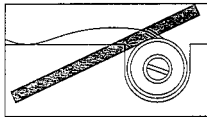
2. Insert the film cartridge, making sure the film is lying flat.



Make sure the film is correctly positioned between the guide rails.

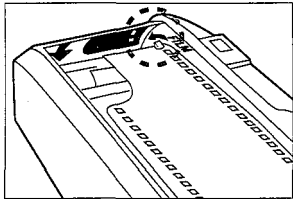


Correct



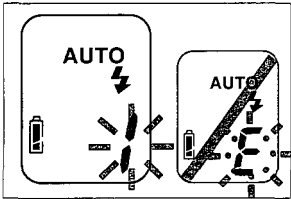
Incorrect

3. Align the film leader with the red mark, and close the back cover.



The film automatically advances to the first frame.

4. Open the lens barrier until you hear a "Click".



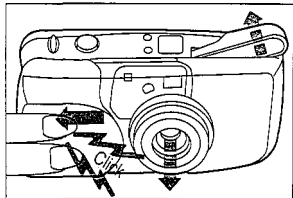
Make sure The exposure counter on the LCD panel reads 1.

Note:

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

TAKING PICTURES

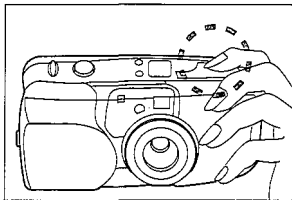
1. Open the lens barrier until you hear a "Click".



Make sure

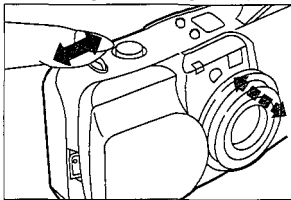
The lens extends slightly, the flash pops up, and the LCD panel activates.

If the lens barrier is opened while the flash is held down, the lens extends slightly then retracts. THE CAMERA WILL NOT OPERATE.




Release the flash, and reopen the lens barrier or operate the zoom lever to reactivate the camera.

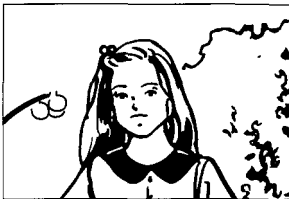
- 2.** Aim the camera at your subject. Use the zoom lever for telephoto or wide angle photography.



How to Use the Zoom Lever.


Telephoto:

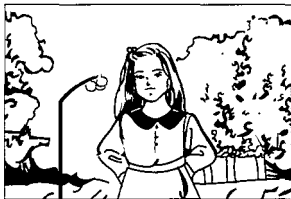
Push the lever to the  side to zoom in.



Maximum telephoto focal length: 70 mm

Wide-angle:

Push the lever to the  side to zoom out.



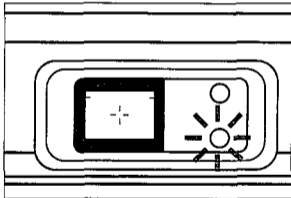
Maximum wide-angle focal length: 35 mm

- 3.** Position your subject within the autofocus mark.



Autofocus mark

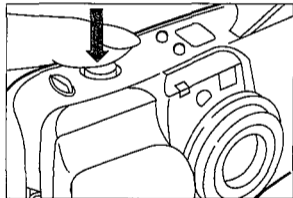
- 4.** Depress the shutter release button halfway.



Make sure

The green lamp lights.

- 5.** Depress the shutter release button fully to take the picture.



The film automatically advances to the next frame.

With the composition shown on the right, the background will be in focus but the subjects in the foreground may not. This is because the autofocus mark does not cover the one of the subjects. In this case, use the focus lock to keep the subjects in focus. (Refer to page 25.)

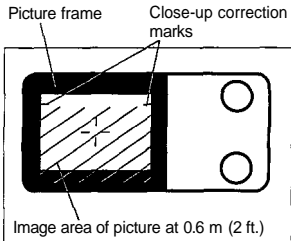


Working Distance

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

- When the subject is closer than 0.6m (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

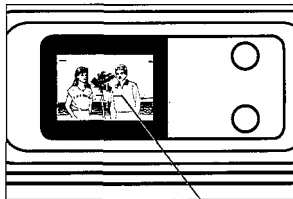


The viewfinder's picture frame is the area that can be shot of subjects at ∞ (infinity). However, the picture area will move lower in the viewfinder as you get closer to the subject. At 0.6 m (2 ft.), the shaded area is the actual available image area. In this case, the subject should be positioned below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

USING THE FOCUS LOCK


To Avoid Taking Out-of-focus Pictures

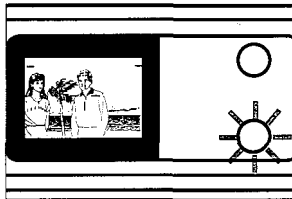
When the main subject is not within the autofocus mark, use the focus lock.



Autofocus mark

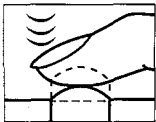
The autofocus mark must be positioned on the subject in order to focus on it. In the left case, the camera will focus on the tree in the background and the subjects will be out of focus.

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

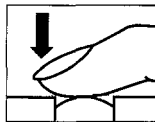


Make sure

- The green lamp lights.
- When the focus is locked, the exposure is also locked (AE lock).

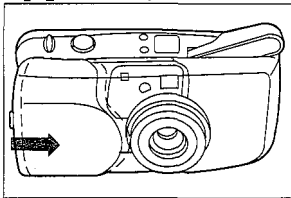


2. Reposition your subjects in the picture frame while keeping the shutter release button depressed halfway. Then press the shutter release button fully.

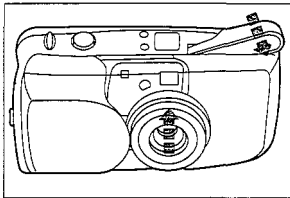


AFTER SHOOTING

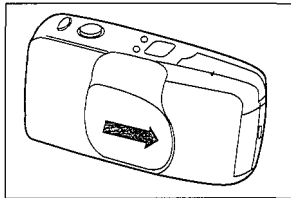
1. Close the lens barrier slowly and carefully.



The lens and flash will retract automatically.



2. Close the lens barrier completely.

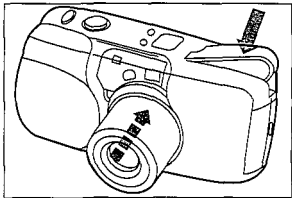


Caution:

Do not force lens barrier closed as it will interfere with lens retraction.

The display goes out and the camera can be put in its case.

The lens can also be retracted by pushing down the flash.

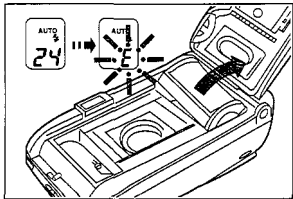


Note:

When the camera is not in use, close the lens barrier to prevent the shutter from firing accidentally and to protect the lens.

UNLOADING THE FILM

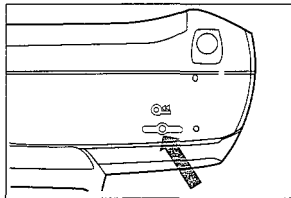
The camera automatically rewinds the film when you reach the end of a roll.



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

The final number of exposures may sometimes exceed the number of exposures specified on the film.

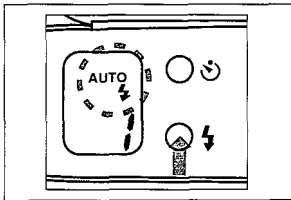
**Rewinding the film
before the end of the roll**



Press the mid-roll rewind button gently with your nail. 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 change the flash mode

Press the ⚡ button, the flash mode will change in the order shown on the right.

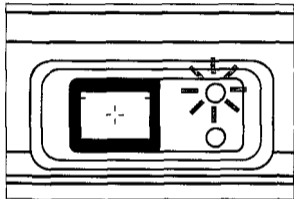
Mode	Function
AUTO	Automatically fires in low-light and backlight conditions. (p. 32)
AUTO-S	Can significantly reduce the phenomenon of red-eye (when a subject's eyes appear red). (p. 33)
OFF	The flash does not fire. (p. 34)
FILL-IN	Fires regardless of available light. (p. 35)
	When you want to light the subject in the foreground with a night-scene in the background. (p. 36)

Notes:

- All other modes except AUTO-S mode will return to the AUTO mode when the lens barrier is closed. When the camera is set to the AUTO-S mode, it will return to AUTO-S when the lens barrier is closed and reopened.
- 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 backlight conditions.



Make sure

The orange lamp in the upper right of the viewfinder lights when the shutter release button is depressed halfway. This indicates the flash is fully charged.

Flash Working Range

ISO	Wide (35 mm)	Tele (70 mm)
100	0.6—4.2 m (2 ft.—13.8 ft.)	0.6—2.8 m (2 ft.—9.2 ft.)
200	0.6—5.9 m (2 ft.—19.4 ft.)	0.6—3.9 m (2 ft.—12.8 ft.)
400	0.6—8.4 m (2 ft.—27.6 ft.)	0.6—5.6 m (2 ft.—18.4 ft.)

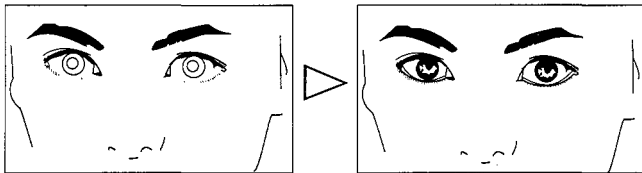
Notes:

- While the flash is still charging and the flash indicator (orange) is blinking, the shutter will not release. It takes about 4 seconds after the film is advanced to recharge the flash. (at normal temperature with a new battery)
- In some situations such as when the subject is too small, occasionally the flash may not fire automatically, even in backlight. (This is more likely to occur with telephoto.) If this occurs, use the FILL-IN mode.

AUTO-S (Red-Eye Reducing Flash)

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

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



IMPORTANT: Be sure to hold the camera still until the shutter releases.

Note:

Red-eye reduction may not be effective with some individuals or if:

1. The subject doesn't face the flash.
2. The subject is too far from the camera.

OFF (Flash Override)

When you don't want the flash to fire.

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.



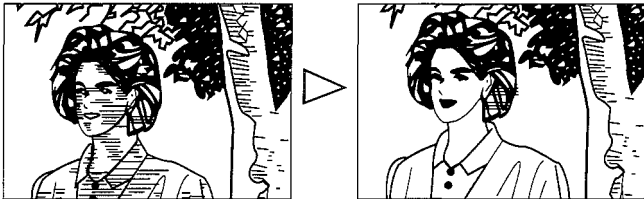
Note:

Since a slow shutter speed (down to 4 seconds) is automatically selected in low-light situations, the use of a tripod is recommended to prevent blurred pictures caused by shaking the camera in this type of situation.

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. This mode can be used to brighten up a subject's shaded face, for example.



NIGHT SCENE

When you want both the subject in the foreground and the night-scene in the background to be properly exposed.



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

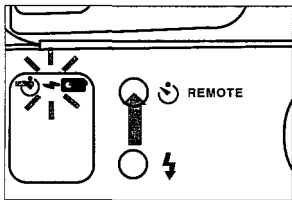


Note:


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

SELFTIMER To Put Yourself in the Picture

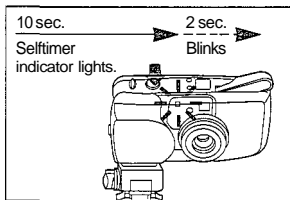
1. Press the  /REMOTE button.
 is displayed on the LCD panel.



Make sure


 on the LCD panel will be displayed.

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





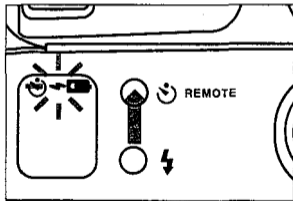
The shutter will be released 12 seconds later.


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  /REMOTE button again.

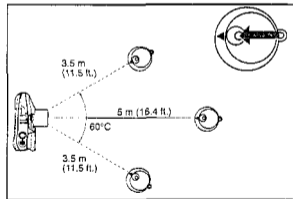
REMOTE CONTROL RC-100 (Optional)

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:

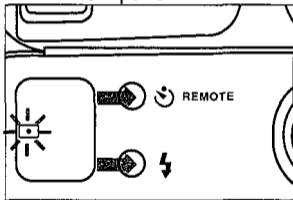
- Use the remote control within the range shown on the left.
- In backlit situations, remote control shooting may sometimes be impossible.
- The camera will focus on the subject directly in front of it.
- The remote control must be activated within 20 minutes of pressing the  button. After 20 minutes the button must be re-set.


Read "Remote Control RC-100 Handling" on page 45.


SPOT MODE

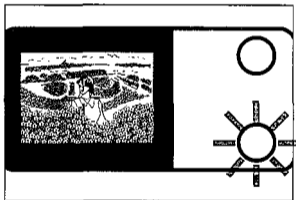
To Focus and Set the Exposure
for the Main Subject or Selective Area

1. Press the /REMOTE button and flash mode button at the same time,  is displayed on the LCD panel.



Press the /REMOTE and flash mode button at the same time or close the lens barrier to cancel the spot mode.

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

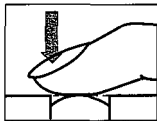
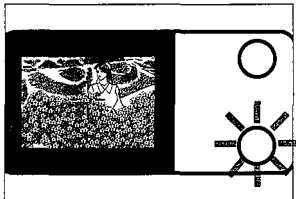


Make sure

The green lamp lights.
The focus and 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.

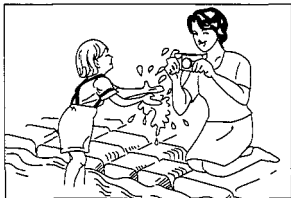


The use of the Spot mode is recommended in the following cases.

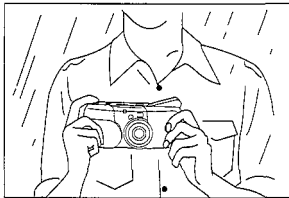
- When there is an object in front of the main subject.
- When the subject is on the edge of the frame.
- When the background is brighter than the subject (the subject is backlit).

CARING FOR YOUR WEATHERPROOF CAMERA

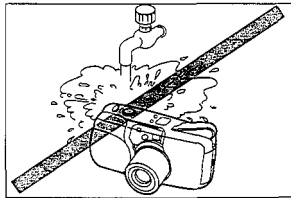
This camera is weatherproof, however it is not designed for underwater use. Please use the camera correctly.



This camera will be
protected against
Splashing water...



and Rain



Do not wash the camera.



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

NOTES:

- 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.

Wipe any dust or sand off the rubber gasket of the back cover or the battery cover, then close it. Leaving dust or sand on the gasket may allow water in.

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).
 - DO NOT EXPOSE THE CAMERA TO THE COLD WHEN IT'S WET, OR THE LENS COVER ETC. MAY FREEZE, MAKING THE CAMERA INOPERABLE.
 - 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 EXPOSE THE CAMERA TO EXCESSIVE DUST AND SAND.
- 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.
 - 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.

REMOTE CONTROL RC-100 HANDLING

NOTE:

- The remote control unit is expendable. Order a new one from your nearby camera store or Olympus service center when it no longer transmits signals to the camera.

CAUTIONS:

- Keep the remote control out of the reach of children. In case it is swallowed, immediately consult a physician.
- Keep the remote control away from fire and extreme heat. Never try to disassemble it.

BATTERY HANDLING

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.
- Sweat and oil can prevent a battery's terminals from making electrical contact. To avoid this, wipe both terminals before loading battery.
- If you don't intend to use the camera for a long time, remove the battery.

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 A 3 V LITHIUM BATTERY (CR123A OR DL123A). NEVER TRY TO DISASSEMBLE OR MODIFY ANY BATTERY OR BATTERY PACK FOR USE IN THIS CAMERA.

QUESTIONS AND ANSWERS

Q: How long will the battery last?

A: If you use 24-exposure rolls of film and use the flash on half of all your pictures, a new 3 V lithium battery (DL123A/CR123A) will last for 12 or more rolls of film. If you do not use the flash and zoom very often, the battery will last much longer.

Q: How should I clean the lens?

A: Wipe the lens gently with a soft, clean 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 battery?

A: Because you replaced the battery while the lens barrier was open. Be sure to close it before replacing the battery.

Q: The flash gets hot.

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

Q: There's a click if I press the zoom lever after rolling up the film.


A: It's just the sound of the gears changing, and is quite normal.

TROUBLESHOOTING

OPERATING PROBLEMS

Symptom	Cause	Remedy	Page
The camera does not work.	① The lens barrier is not opened.	① Open the lens barrier completely.	20
	② The alignment of the battery terminals is not correct.	② Reload the battery correctly.	14
	③ The batteries are exhausted.	③ Replace the battery with new one.	15
	④ The batteries are temporarily unable to function because of cold.	④ Keep the camera warm while using it.	
	⑤ The loaded film has been rewind.	⑤ Load new film.	29
	⑥ The film is incorrectly loaded.	⑥ Reload the film.	19
The LCD goes off suddenly and the lens and flash retract.	① If you don't use the camera, the LCD goes off and the lens and flash retract after twenty minutes. ② The flash is retracted.	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, close the lens barrier as much as possible.	

OPERATING PROBLEMS (cont.)

Symptom	Cause	Remedy	Page
The shutter doesn't release when the remote control's shutter release button is pressed.	① The remote control hasn't been used in the 20 minutes since the Selftimer/Remote Control mode was entered, causing the LCD panel to turn off.	① Press the zoom lever. The LCD will light. Then press the  /REMOTE button again.	
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.	24
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.	32
The flash does not fire, even in the dark.	① The flash mode is set to OFF. ② High sensitive film is in use.	① Set it to a mode other than OFF. ② Set the flash mode to FILL-IN.	30/31 30/31

PROBLEMS WITH THE PRINTED PICTURES

Symptom	Cause	Remedy	Page
The picture is out of focus.	① The camera moved when the shutter release button was pressed.	① Hold the camera correctly and press the shutter release button gently.	16
	② The subject was not within the viewfinder's autofocus mark.	② Position the subject in the center of the autofocus mark, or use the focus lock.	22/25
	③ The lens and autofocus windows were dirty.	③ Clean the lens and autofocus windows.	16
	④ The autofocus window was blocked, such as by a finger.	④ Hold the camera correctly, keeping your fingers clear of the autofocus windows.	
	⑤ The subject was closer than the minimum working distance to the lens (0.6 m/2 ft.).	⑤ Shoot from more than 0.6 m (2 ft.) away from the subject.	24
	⑥ While using the self-timer, the shutter release button was pressed while standing right in front of the camera.	⑥ Do not stand in front of the camera. Press the shutter release button while looking through the viewfinder.	37
The picture is too dark.	① The flash was blocked, such as by a finger.	① Hold the camera correctly, keeping your fingers clear of the flash.	16
	② The subject was out of the working range of the flash.	② Shoot within the flash working range.	32
	③ The flash mode was set to OFF.	③ Check the flash mode before shooting.	30/31
	④ The subject was backlit.	④ Set the flash mode to FILL-IN.	30/31
The color of a picture taken indoors is abnormal.	① The color of the room lighting affected the picture.	① Set the flash to FILL-IN mode.	30/31

SPECIFICATIONS

Type: Full automatic 35 mm autofocus lens-shutter camera with built-in 35—70 mm zoom lens.

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

Lens: Olympus lens 35—70 mm F4.5—6.9, 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 (2 ft.)—∞ (infinity).

Exposure control: Programmed automatic exposure control, 2-zone light metering, switchable to spot metering. Auto exposure range: Wide-angle—EV2.3 (F4.5, 4 sec.) to EV16 (F11, 1/500 sec.), Telephoto—EV3.6 (F6.9, 4 sec.) to EV17.2 (F17, 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. 0.5—4.5 sec. (at normal temperature with new battery). Flash working range: Wide-angle—0.6—4.2 m (2—13.8 ft.), Telephoto—0.6—2.8 m (2—9.2 ft.) with ISO 100 color negative film. Wide-angle — 0.6—8.4 m (2—27.6 ft.). Telephoto— 0.6—5.6 m (2—18.4 ft.) with ISO 400 color negative film.

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),  (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.

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 m² of calculated surface area of the enclosure with a minimum duration of 5 min.

Power source: 3 V lithium battery (CR123A/DL123A)

Dimensions: 124 (W) x 64.5 (H) x 45 (D) mm (4.9 x 2.5 x 1.8 in) (without protrusions).

Weight: 220 g (7.8 oz) (without battery).

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

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