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SUPERzoom 80 WIDE

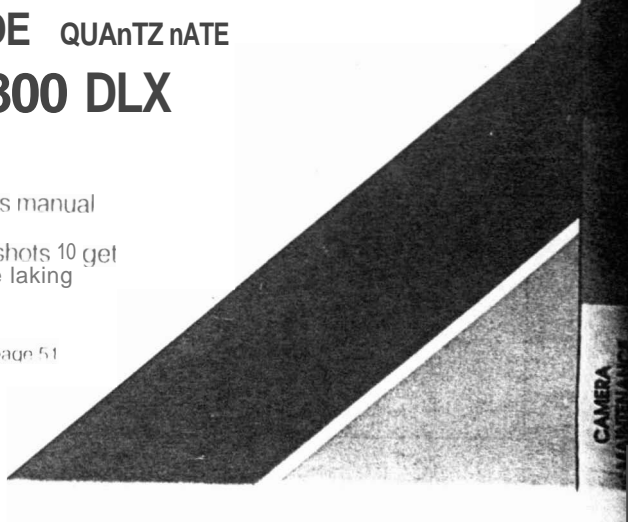
SUPERzoom 80 WIDE QUAnTZ nATE

ooSuperZoom2800 DLX

-INSTRUCTIONS

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

Le mode d'emploi en français commence à la page 51



PREPARATIONS

Names and functions of parts...	4	Outline of operations	10
Viewfinder display/LCD panel ..	6	Loading the batteries..	12
Attaching the strap ..	8	Checking the batteries	13
Using the soft case (optional)	9	Points to remember	11

BASIC OPERATIONS

Loading the film	16
Taking pictures	18
Unloading the film	23

ADVANCED TECHNIQUES

Using the flash modes	24	Selftimer	34'
Using the subject modes ..	28	Remote control (optional)	35
Infinity ..	29	Printing the date and time' .	36
Night Scene	30	Correcting the data* .	37
Continuous Shooting....	31	Lighting the LCD panel ..	38
Spol	32	•QUARTZDATE/DLX models	

CAMERA MAINTENANCE

Caring for your weatherproof camera ..	39
Care and storage ..	41
Battery handling	42
Remote control handling ..	43
Questions and answers: ...	43
Troubleshooting ..	45
Specifications	48

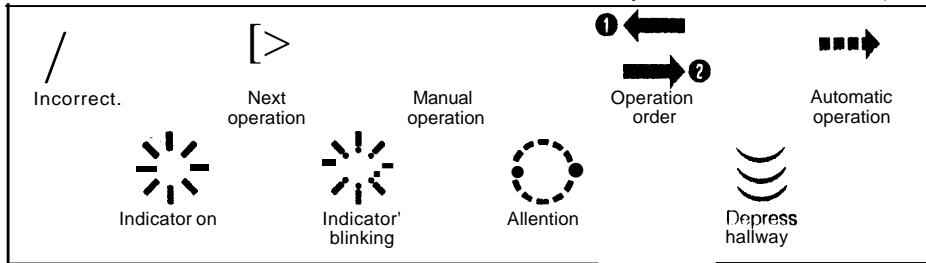
Thank you for purchasing this Olympus camera.

2001

MAIN FEATURES

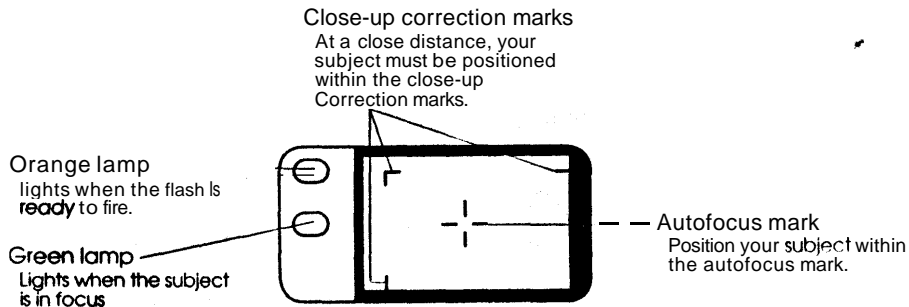
- Built-in 28mm ~ 80mm 3X zoom lens.
- Quartz date or time imprinting (QUARTZDATE/DLX models).
- Weatherproof.
- Remote control (optional),
- Versatile, easy-to-use functions include infinity and night scene modes, spot metering and continuous shooting, as well as various flash modes.

Symbols used in this manual:

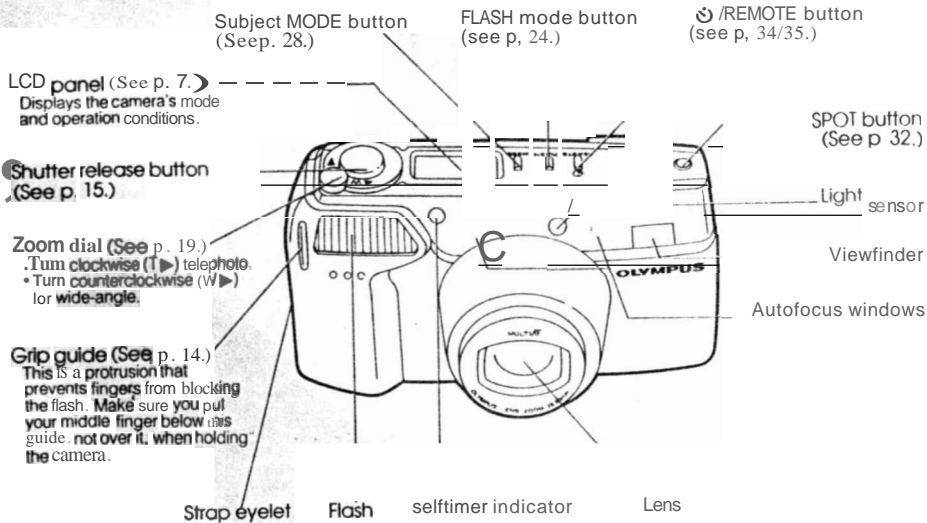


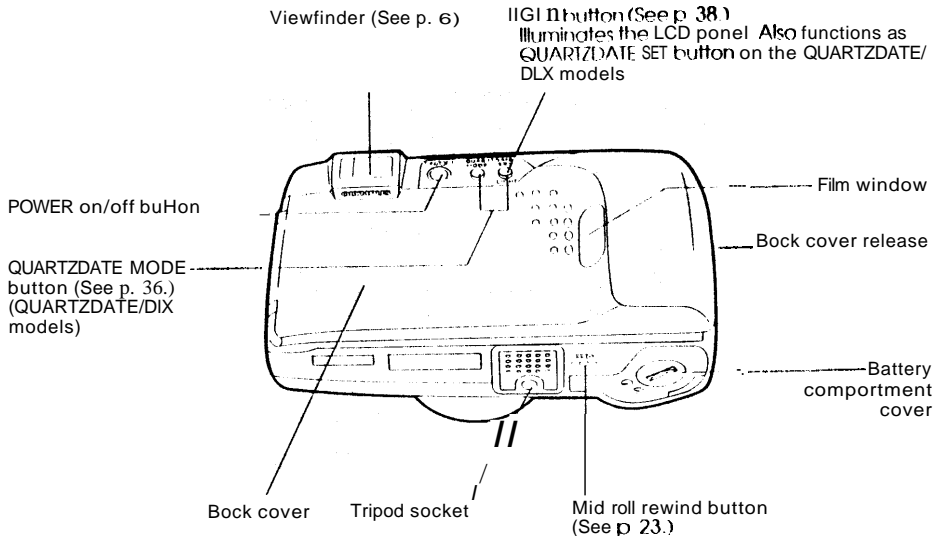
VIEWFINDER DISPLAY/LCD PANEL

Viewfinder Display



NAMES AND FUNCTIONS OF PARTS





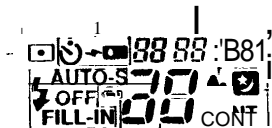
LCD Panel

QUARTZDATE/DIX:

Selftimer/remote control
(p.34/35)

Spot

Flash modes (p. 24)



Date/time indicator

Infinity
Night scene

Continuous shooting

Battery check (p. 13) Exposure counter (p. 17)

Other models:

Flash modes (p. 24)

Spot

Selftimer/remote control
(p.34/35)



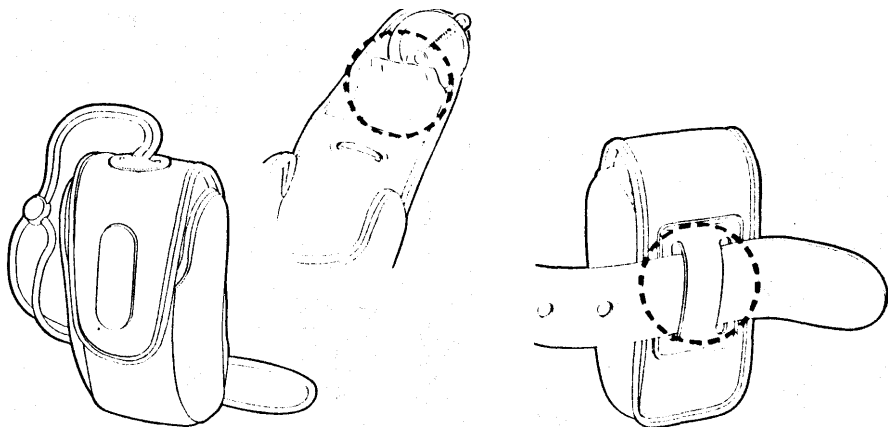
Infinity

Night scene

Continuous shooting

Battery check (p. 13) Exposure counter (p. 17)

USING THE SOFT CASE (optional)

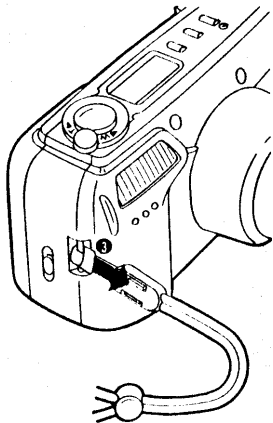
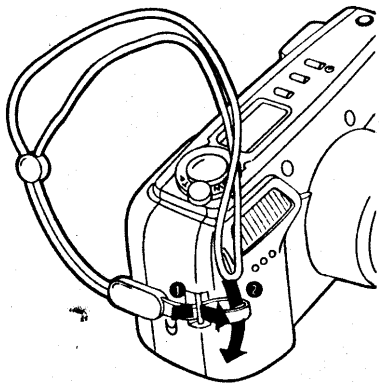


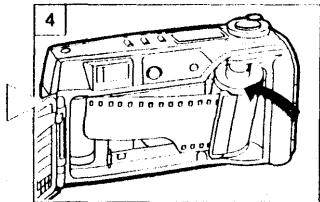
The optional remote control can be stored in the pocket on the case's flap.

The soft case can also be carried on a belt.

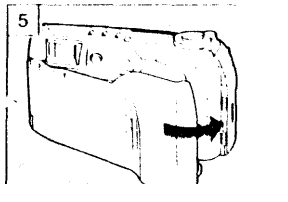
ATTACHING THE STRAP

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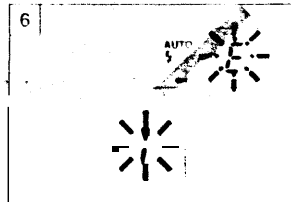




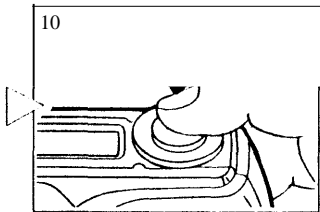
4 Load the film (p. 16).



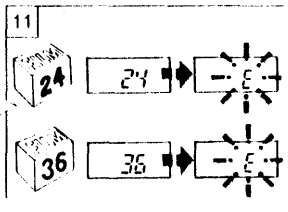
5 Close the back cover (p. 17)



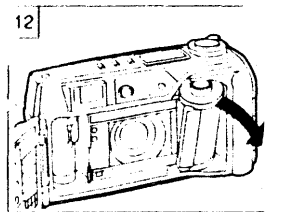
6 Make sure the exposure counter on the LCD panel reads 1 (p. 17)



10 Depress the shutter release button fully to take a picture (p. 20).



11 When the film reaches the end, it will automatically rewind (p. 23)



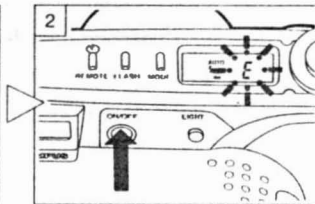
12 Open the back cover to remove the rewound film (p. 23)

OUTLINE OF OPERATIONS

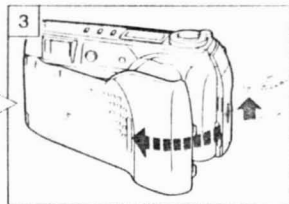
Basic Shooting Procedures



1 Load the batteries (p. 12).



2 Press the POWER button to turn on the camera (p. 13).



3 Open the back cover (p. 16)



7 Turn the zoom dial for telephoto or **wide-angle** photography (p. 18).




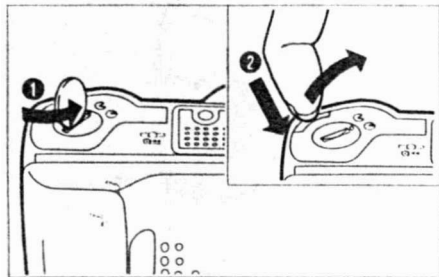
8 Place the autofocus mark on the subject you want to photograph (p. 19)




9 Depress the shutter release button halfway to make sure the green lamp lights (p. 20)

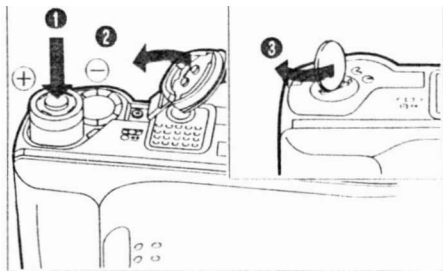
LOADING THE BATTERIES

1. **1** Turn the battery cover to  with a coin. **2** Place your fingertip in the notch, and remove the battery cover.



- Use two 3V lithium batteries (CR123A or DL123A).
- Before loading the batteries, turn off the power.

2. **1** Insert the batteries. **2** Replace the battery cover. **3** Turning the battery cover back to  to lock in place.

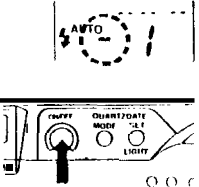

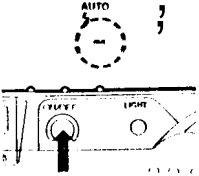




- Be sure the batteries are aligned correctly as shown.

[Read "Battery Handling" on page 42.

CHECKING THE BATTERIES

Press the **POWER** button to turn on the camera.

	Display	Meaning
 QUARTZ/DATE/DLX	 lights (turns off after 12 sec.)	Batteries are OK You can shoot
 Other models	 blinks and other indicators on the LCD panel are displayed normally	Batteries are low and should be replaced
	 blinks and other indicators on the LCD panel go out	Batteries are dead and should be replaced immediately

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

POINTS TO REMEMBER

Hold the Camera Correctly.



Correct.



Correct.



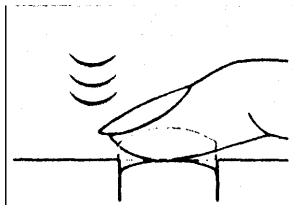
Incorrect.

- Hold** the camera firmly with both hands.
- In** the vertical position. hold the camera with its flash positioned at the top.

Caution:
Keep your fingers away from the lens, flash, autofocus windows and light sensor. Be sure to put your right hand's middle finger below the protrusion next to the flash.

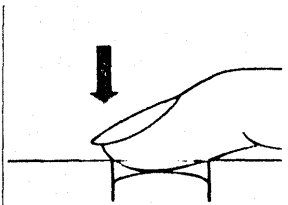
Proper Shutter Release. Practice before loading the film.

1 Depress the shutter release button halfway



To lock the focus.

2 Depress the shutter release button fully



To release the shutter and take the picture.

(Make sure)

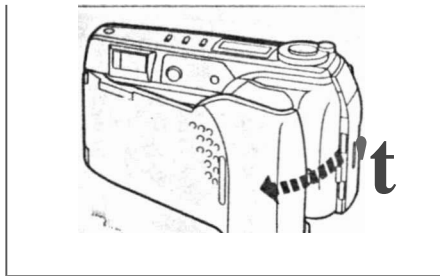
The green lamp next to the viewfinder lights.

Cautions:

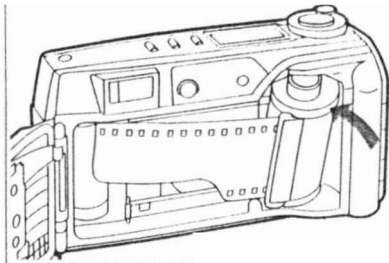
- Press the shutter release button gently
- Avoid shaking the camera when pressing the shutter release button to prevent blurry pictures.

LOADING THE FILM

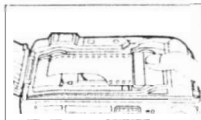
1. Slide the back cover release upward to open the back cover.



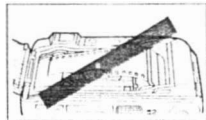
2. Insert the film cartridge, making sure the film is lying flat.



Do not touch the inside of the camera, especially the lens. (If the lens is dirty, see p. 43 for proper cleaning technique.)

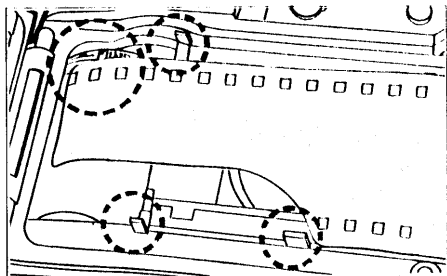


Correct



Incorrect

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



The film automatically advances to the first frame.

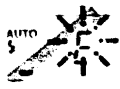
(Make sure)

The film does not overlap any of the positioning guides shown above.

4 Press the POWER button to turn on the camera.



QUART7111/TE/DLX



Other models

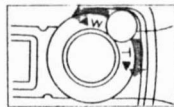
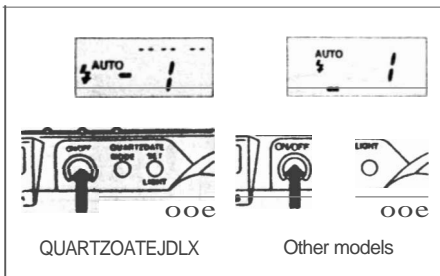
(Make sure)

The exposure counter on the LCD panel reads: .

TAKING PICTURES

1. Press the POWER button to turn on the camera.

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



Make sure!

The lens protector opens, the lens extends slightly, and the LCD panel activates.

How to Use the Zoom Dial

Telephoto \rightarrow Turn the dial clockwise (T \rightarrow) to zoom in.



Max telephoto focal length
f1(1rdIII)

Wide-angle: Turn the dial counterclockwise (W \rightarrow) to zoom out.



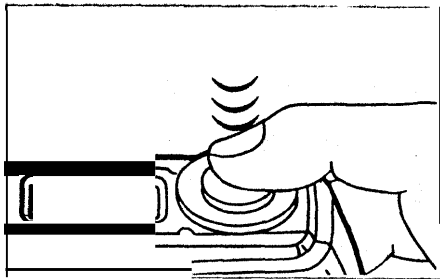
Max wide angle focal length
28 mm

3. Position your subject within the autofocus mark.



Autofocus mark

4 Depress the shutter
•release button halfway.

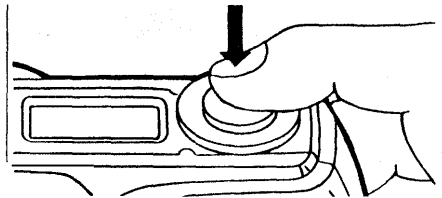


Make sure

The green lamp lights.

Once focus and exposure have been correctly adjusted, they remain locked as long as the shutter release button is kept halfway depressed.

5 Depress the shutter
•release button fully.



The film automatically advances to the next frame.

This camera has a built-in multi beam autofocus system. which automatically focuses on the subject even in compositions such as the one shown on the right.

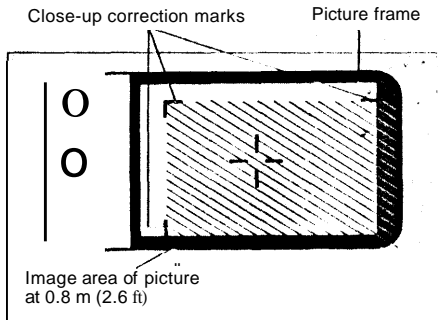


Working Distance

The focus range of the camera is 0.8 m (2.6 ft) to ∞ (infinity).

- When the subject is closer than 0.8 m (2.6 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.

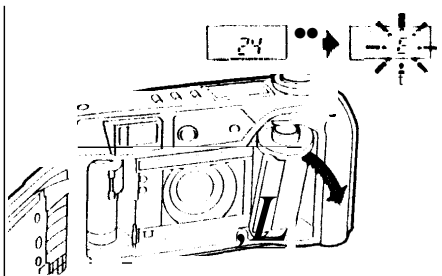
Close-Up Correction



The viewfinder's picture frame shows the area that can be shot for subjects at ∞ . However, the picture area will move lower in the viewfinder as you get closer to the subject. At 0.8 m (2.6 ft), the shaded area is the actual available image area. In this case, the subject should be positioned below the close-up correction marks.

UNLOADING THE FILM

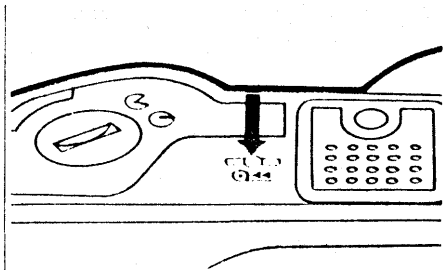
The camera automatically rewinds the film when you reach the end of a roll.



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

Note: 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

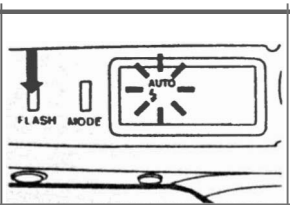


Press the mid-roll button with the tip of your fingernail. Do not use an instrument with a sharp tip



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

How to select the flashmode:
As you press the FLASH mode button, the mode switches as shown on the right. The engaged flash mode is displayed on the LCD panel.

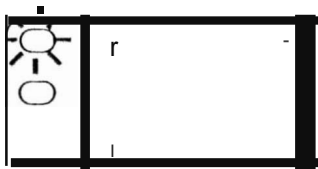


Mode	Function
AUTO	Automatically fires in <u>low-light and backlit conditions</u> (p. 25)
↓	
AUTO-S	Significantly reduces the phenomenon of "red-eye" (when a subject's eyes appear red in flash photos) (p. 26)
↓	
OFF	The flash does not fire. (p. 27)
↓	
FILL-IN	Fires regardless of available light. (p. 27)

Notes: • AUTO-S Will not be canceled when the power is turned OFF
All other modes will return to the AUTO mode • In the Arlin and III S Flash 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 left of the viewfinder lights when the shutter release button is depressed halfway

Flash Working Range-

ISO	Wide (28mm)	Tele (80mm)
100	0.8m - 5.0m (2.6ft - 16.4ft)	0.8m - 2.9m (2.6ft - 9.5ft)
200	0.8m - 7.0m (2.6ft - 23.3ft)	0.8m - 4.1m (2.6ft - 13.5ft)
400	0.8m - 10.0m (2.6ft - 32.8ft)	0.8m - 5.8m (2.6ft - 19.0ft)

Optimal results are obtained when using color negative film since it has a wider allowable range for under- and overexposure.

Notes

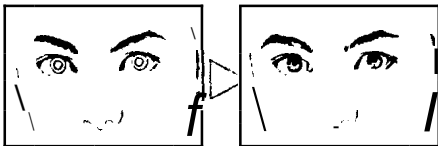
• When the orange lamp is blinking, the flash is being recharged and the shutter won't release. Wait for several seconds.

• In some situations (such as when the subject is small), the flash may not always fire, even in backlit conditions. (This is more likely to occur with telephoto.) If this occurs, use the manual mode.

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 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.

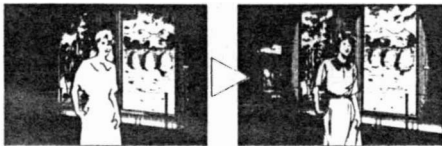
Red-eye reduction may not be effective when the subject:

1. Wasn't looking at the flash from right front.
2. Wasn't watching the pre-flashes.
3. Was too far from the camera.
4. Did not respond to the pre-flashes due to particular characteristics of the individual.

OFF (Flash Override)

When you don't want the flash to fire, even in the dark.

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 2 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 face shaded by a tree.

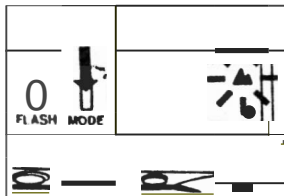




USING THE SUBJECT MODES

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

How to select the subject mode:

As you press the subject MODE button, the mode switches as shown on the right. The engaged subject mode is displayed on the LCD panel.

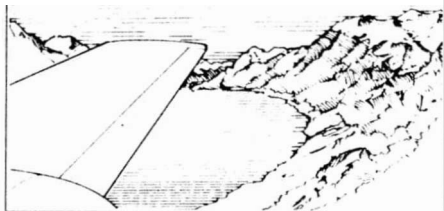


Mode	Function
 Normal Mode	Infinity (p 29) You can shoot a landscape through a window and distant subjects like mountains, clouds, and fireworks
1  1	Night scene (p 3D) You can capture a night scene beautifully
1 CONT	Continuous Shooting (p, 3 1) You can shoot a continuous series of pictures in rapid succession,

Note: When the power is turned off and on again, the camera returns to the Normal mode

INFINITY To Shoot a Landscape Through a Window and Distant Subjects Like Mountains, Clouds, and Fireworks

In this mode, the camera automatically sets the working distance at infinity. Engage the Infinity mode to set focus evenly throughout the frame.



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

NIGHT SCENE

To Capture a Night Scene Beautifully

In this mode, the camera's shutter will stay open as long as is needed for proper exposure. Engage the Night SCene mode to shoot more natural-looking dark scenes. The Night SCene mode can also be combined with one of the flash modes if desired.

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

When In **the** Auto, **Auto-S**, or All-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.

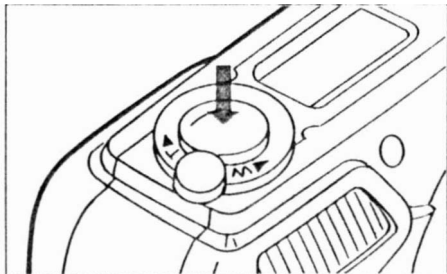
Note: **Since** a slow shutter speed (down to 2 seconds) is automatically selected in low-light situations, the use of 8 tripod is recommended to prevent blurred pictures caused by shaking the camera.

www.orphancameras.com

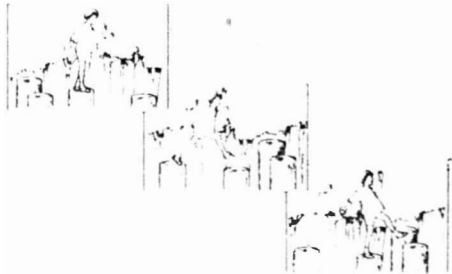
CONT CONTINUOUS SHOOTING

To Shoot a Continuous Series of Pictures.

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



2. The camera will shoot repeatedly as long as the shutter release button is fully depressed.



Notes

- The shutter will release at intervals of 1/4 seconds without flash (1/4 seconds with flash)
- The focus and exposure will be adjusted every frame
- If the subject gets closer than 0.8 m (2.6 ft), the shutter will automatically stop releasing



SPOT

To Focus and Set the Exposure for a Selected Area

1. Press the SPOT button.
 is displayed on the LCD panel.

2. Position the autofocus mark --- on your subject. Press the shutter release button halfway.



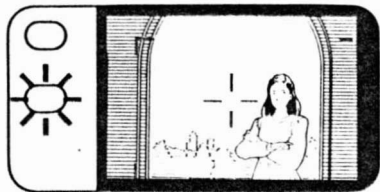
In the case above, the camera will set the exposure for the background in the normal mode.



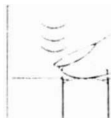
Make sure

The green lamp next to the viewfinder lights

3. 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



4. 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).



Notes

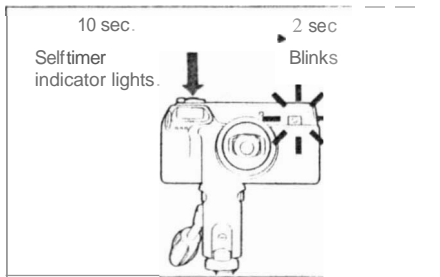
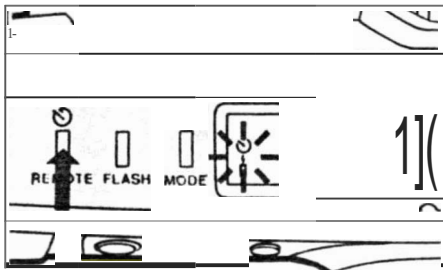
— II.n Spot mode cannot be combined with the Subject modes.

- After the shot, the camera returns to II.n Normal mode.

SELFTIMER

To Put Yourself in the Picture

1. Press the /REMOTE button.  is displayed on the LCD panel.
2. Aim at your subject, and press the shutter release button.



The shutter will be released 12 seconds later.

Notes:

eThe focus and exposure will be locked when the shutter release button is depressed halfway

eThe **selftimer** is disengaged when the shutter is released

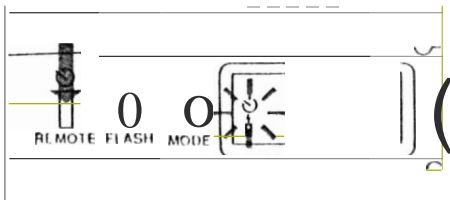
eTo **cancel** the selftimer **after** it has been activated, press the /REMOTE button again


eWhen the **Selftimer** and **Continuous** modes are combined, the shutter releases **twice** at an interval of 2 sec

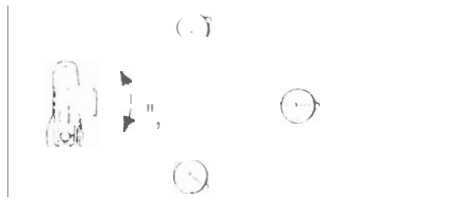
REMOTE CONTROL (optional)

The optional RC-100 Remote Control is required in the operation below.

1. Press the  / REMOTE button.  is displayed on the LCD panel.
2. Aim the remote control at the camera. And press the button. The shutter will be released after 3 seconds.



After shooting, press the  / REMOTE button again to cancel remote control operation. Remote control operation is canceled automatically when not in use for more than about 20 minutes.



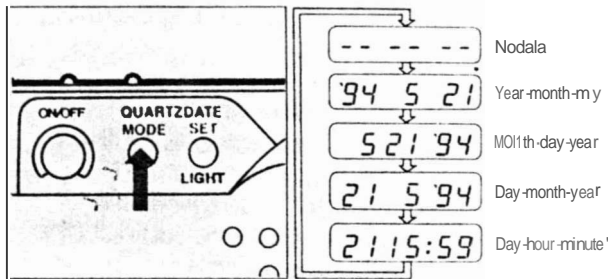
Notes:

- Use the remote control within the above range.
- The camera will focus on the subject directly in front of it.
- Only two times can be shot successively when using the remote control in the Continuous Shooting mode.

CAUTIONS • KEEP THE REMOTE CONTROL DRY. DO NOT SWALLOW THE REMOTE CONTROL. DO NOT DISASSEMBLE IT. • DO NOT TRY TO DISASSEMBLE IT IF THE REMOTE CONTROL NEVER EXPOSES. • DO NOT EXPOSE THE REMOTE CONTROL TO EXCESSIVE HEAT OR OPEN FLAME.

PRINTING THE DATE AND TIME (QUARTZDATE/DLX models)

Choose the desired mode with the MODE button.



The mode will switch in the described order by pressing the MODE button.

•Although the LCD panel shows a colon between hour and minute, printed pictures will show a hyphen.

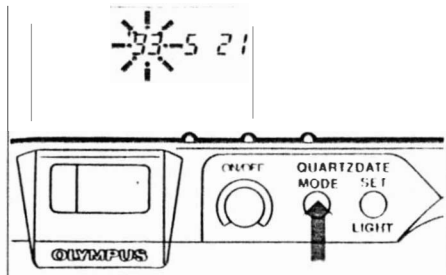
The quartz date shares the power source with the main unit. Make sure to correct the data after the batteries are replaced.

The data is imprinted in the lower right of the picture. If there is something whitish or tinged with orange where the data is imprinted, the data may be difficult to read.

The data may not be imprinted correctly on the frame(s) after the specified final exposure of the film.

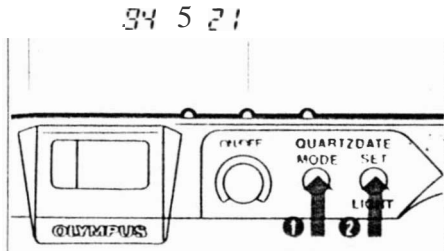
CORRECTING THE DATA (QUARTZDATE/DLX models)

1. Press the MODE button for two seconds or longer.



The year indication will start blinking

2. Press the mode button 0 again to choose the data to be corrected until it starts blinking. And press the SET button 2 to correct the data.



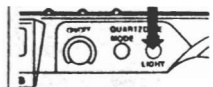
If you press the "MODE" once, the number on the display will advance by 1. And if you keep it pressed, the numbers will flash in rapid succession.

Note: As you press the mode button, the blinking indication changes in the order of year, month, day, hour, and minute. The data correction will be finished when the mode button is pressed again.

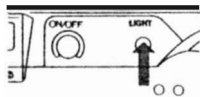
LIGHTING THE LCD PANEL

The illumination of the LCD panel makes it easier to see in the dark.


1. Press the LIGHT button.



QUARTZDATE/DLX



Other models

The light will go out automatically approximately 8 seconds after releasing the LIGHT button. If the  /REMOTE. FLASH mode. subject MODE or QUARTZDATE MODE button is pressed while the light is on, illumination duration will be extended.

Notes:

If any of the following operations is performed while the light is on, the light will go out immediately: pressing the POWER button; turning the zoom dial; pressing the mid-roll rewind button; pressing the shutter release button; closing the back cover.

During data correction, lighting duration is automatically extended to approximately 90 seconds when the year indication starts blinking. (See p. 37.)

On the QUARTZDATE/DLX models the LIGHT button also serves as the QUARTZDATE SET button.

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.



The camera can withstand splashing water



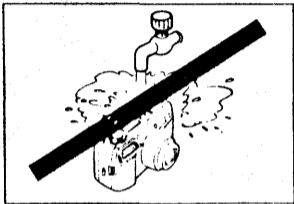
The camera can be used at the seaside



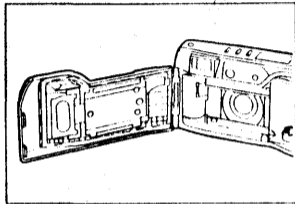
And it rains



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.
- elf** the gaskets are damaged or need replacement, contact your nearest Olympus service center.

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 Irs WET. OR THE LENS PROTECTOR. ETC MAY FREEZE. MAKING THE CAMERA INOPERABLE
- THE LENS BARREL IS FINISHED WITH A SPECIAL COATING TO SMOOTH THE LOOMING MOVEMENT. NEVER WIPE IT WITH SOLVENTS LIKE THINNEHS 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

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.
- 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.

Q: Why did my camera suddenly retract its lens while I was shooting?

A: Because you applied too much pressure to the tip of the lens. To ensure optimal performance, hold the camera so as to avoid applying any pressure to the tip of the lens.

Q: Why did my camera generate heat?

A: Because you used the flash several times in succession. If your camera gets hot, allow some time before you use it again.

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 5 years.

Q: Why did the camera make a click sound when the zoom dial was operated after the film had been rewound?


A: Because the camera was switching gears. This is normal. Go ahead and use the camera.

Q: When I accidentally pushed back the advanced lens, the camera made a click sound. Is my camera broken?

A: No, it isn't. Use the camera after turning it off and on again.

TROUBLESHOOTING

OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The camera does not work.	<ul style="list-style-type: none">① The power is off.② The alignment of the battery terminals is not correct.③ The batteries are exhausted④ The batteries are temporarily unable to function⑤ The loaded film has been rewind.⑥ The film is incorrectly loaded	<ul style="list-style-type: none">① Press the POWER button to turn on the camera② Reload the batteries correctly③ Replace the batteries with new ones.④ Keep the camera warm while using it..⑤ Load new film.⑥ Reload the film	<p>p 18</p> <p>p.12</p> <p>p.13</p> <p>p.23</p> <p>p.17</p>
The LCD display turns off Suddenly.	<ul style="list-style-type: none">① The LCD display turns off after four and a half minutes if the camera is not used.	<p>CDTurn 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.</p>	
The shutter doesn't release when the remote control's shutter release button is pressed.	<ul style="list-style-type: none">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	<p>CDOperate any button. The LCD will light Then press the /REMOTE button again.</p>	<p>p.35</p>

OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The green lamp blinks, and the shutter will not release.	① The camera is closer than 0.8 m (2.6 ft) to the subject.	① Move the camera farther than 0.8 m (2.6 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.	p. 25
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. ③ High-speed film is used.	① Set it to a mode other than OFF ② Cancel the Infinity mode, or set the flash mode to one other than OFF ③ Set the flash mode to FILL-IN.	p. 24 p. 28 p. 24

PROBLEMS WITH THE PRINTED PICTURES

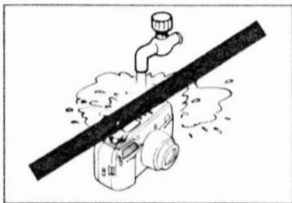
Symptom	Cause	Remedy	See
The picture is out of focus.	① The camera moved when the shutter release button was pressed. ② The subject was not within the viewfinder's autofocus frame. ③ The lens and autofocus windows were dirty. ④ The autofocus window was blocked, such as by a finger.	① Hold the camera correctly and press the shutter release button gently. ② Position the subject in the center of the autofocus mark, or use the Spot mode. ③ Clean the lens and autofocus windows. ④ Hold the camera correctly, keeping your fingers clear of the autofocus windows.	p. 14 p. 19 p. 32 p. 14

PROBLEMS WITH THE PRINTED PICTURES

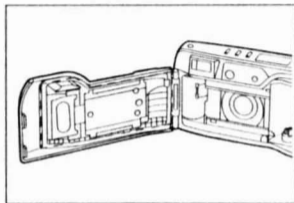
Symptom	Cause	Remedy	See
The picture is out of focus.	<ul style="list-style-type: none"> ⑤ The subject was closer than the minimum working distance to the lens (0.8m/26ft) ⑥ While using the selftimer, the shutter release button was pressed while standing right in front of the camera. ⑦ The Infinity mode is engaged. ⑧ The autofocus didn't work correctly. There are some subjects that are difficult for the autofocus to lock on, which include glossy or reflective surfaces, black objects, subjects behind glass or wire mesh, flames and smoke, excessively bright light within the picture area. 	<ul style="list-style-type: none"> ⑤ Shoot from more than 0.8 m (2 6 ft) away from the subject. ⑥ Do not stand in front of the camera. Press the shutter release button while looking through the viewfinder. ⑦ Cancel the Infinity mode. 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. 	<p>p 22</p> <p>p34</p> <p>p.28 p.29132</p>
The picture is too dark.	<ul style="list-style-type: none"> ① The flash was blocked, such as by a finger. ② The subject was out of the working range of the flash. ③ The flash mode was set to OFF. ④ The subject was backlit. 	<ul style="list-style-type: none"> ① Hold the camera correctly, keeping your fingers clear of the flash ② Shoot within the flash working range. ③ Check the flash mode before shooting: ④ Set the flash mode to FILL-IN 	<p>p.14</p> <p>p.25</p> <p>p.24 p.27</p>
The date has not been printed (or looks faded). (QUARTZDATE/DLX models)	<ul style="list-style-type: none"> ① The date mode was set to no data (- - -) ② There is a bright color like white, orange, yellow, or red in the area of the picture where the date is printed. ③ The picture was taken with black-and-white film. 	<ul style="list-style-type: none"> ① Change the date mode to another setting ② Avoid bright colors in the lower right corner of your photo compositions. ③ Do not use black-and-white film if you want to print the date. 	<p>p.36</p>
The colors of the picture taken indoors look strange.	<ul style="list-style-type: none"> ① The room's illumination affected the colors. 	<ul style="list-style-type: none"> ① Set the flash mode to FILL-IN. 	<p>p.27</p>



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 you need replacement, contact your nearest Olympus service center.

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.

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.
- 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 DL 123A). NEVER TRY TO DISASSEMBLE OR MODIFY ANY BATTERY OR BATTERY PACK FOR USE IN THIS CAMERA.

REMOTE CONTROL HANDLING

- The battery of the remote control cannot be replaced. The service life of the battery is approximately 5 years. (This varies with operating conditions and environment.)
- Keep the remote control out of the reach of children. If a child swallows the remote control, contact a physician immediately.
- Never try to disassemble the remote control. Never expose the remote control to excessive heat or open flame.

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 (OL123NCR123A) will last for 25 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: Use a blower to blow away the dust. Then 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 OX-coded?

A: Yes, but only ISO 100 film.

Q: Why did my camera suddenly retract its lens while I was shooting?

A: Because you applied too much pressure to the tip of the lens. To ensure optimal performance, hold the camera so as to avoid applying any pressure to the tip of the lens.

Q: Why did my camera generate heat?

A: Because you used the flash several times in succession. If your camera gets hot, allow some time before you use it again.

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 5 years.

Q: Why did the camera make a click sound when the zoom dial was operated after the film had been rewound?


A: Because the camera was switching gears. This is normal. Go ahead and use the camera.

Q: When I accidentally pushed back the advanced lens, the camera made a click sound. Is my camera broken?

A: No, it isn't. Use the camera after turning it off and on again.

TROUBLESHOOTING

OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The camera does not work.	<ul style="list-style-type: none">① The power is off② The alignment of the battery terminals is not correct.③ The batteries are exhausted④ The batteries are temporarily unable to function.⑤ The loaded film has been rewound.⑥ The film is incorrectly loaded	<ul style="list-style-type: none">① Press the POWER button to turn on the camera② Reload the batteries correctly③ Replace the batteries with new ones.④ Keep the camera warm while using it⑤ Load new film⑥ Reload the film	<ul style="list-style-type: none">p.18p.12p.13p.23p.17
The LCD display turns off suddenly.	<ul style="list-style-type: none">① The LCD display turns off after four and a half minutes if the camera is not used.	<ul style="list-style-type: none">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	
The shutter doesn't release when the remote control's shutter release button is pressed.	<ul style="list-style-type: none">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	<ul style="list-style-type: none"><D> Operate any button. The LCD will light. Then press the /REMOTE button again	<ul style="list-style-type: none">p.35

OPERATING PROBLEMS

Symptom	Cause	Remedy	See
The green lamp blinks, and the shutter will not release.	① The camera is closer than 0.8 m (2.6 ft) to the subject.	① Move the camera farther than 0.8 m (2.6 ft) from the subject.	p.22 r
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.	p. 25
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. ③ High-speed film is used.	① Set it to a mode other than OFF ② Cancel the Infinity mode, or set the flash mode to one other than OFF. ③ Set the flash mode to FILL-IN.	p.24 p.28 p.24

PROBLEMS WITH THE PRINTED PICTURES

Symptom	Cause	Remedy	See
The picture is out of focus.	① The camera moved when the shutter release button was pressed. ② The subject was not within the viewfinder's autofocus frame. ③ The lens and autofocus windows were dirty. ④ The autofocus window was blocked, such as by a finger.	① Hold the camera correctly and press the shutter release button gently. ② Position the subject in the center of the autofocus mark, or use the Spot mode. ③ Clean the lens and autofocus windows. ④ Hold the camera correctly, keeping your fingers clear of the autofocus windows.	p. 14 p. 19 p.32 p. 14

PROBLEMS WITH THE PRINTED PICTURES

Symptom	Cause	Remedy	See
The picture is out of focus.	<ul style="list-style-type: none"> ⑤ The subject was closer than the minimum working distance to the lens (0.8 m/26 ft). ⑥ While using the selftimer, the shutter release button was pressed while standing right in front of the camera. ⑦ The Infinity mode is engaged. ⑧ The autofocus didn't work correctly. There are some subjects that are difficult for the autofocus to lock on, which include: glossy or reflective surfaces, black objects. Subjects behind glass or wire mesh, flames and smoke, excessively bright light within the picture area. 	<ul style="list-style-type: none"> ⑤ Shoot from more than 0.8 m (2.6 ft) away from the subject. ⑥ Do not stand in front of the camera. Press the shutter release button while looking through the viewfinder. ⑦ Cancel the Infinity mode. 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. 	<p>p.22</p> <p>p.34</p> <p>p.28 p.29(32)</p>
The picture is too dark.	<ul style="list-style-type: none"> ① The flash was blocked, such as by a finger. ② The subject was out of the working range of the flash. ③ The flash mode was set to OFF. ④ The subject was backlit. 	<ul style="list-style-type: none"> ① Hold the camera correctly, keeping your fingers clear of the flash. ② Shoot within the flash working range. ③ Check the flash mode before shooting. ④ Set the flash mode to FILL-IN. 	<p>p.14</p> <p>p.25</p> <p>p.24 p.27</p>
The date has not been printed (or looks faded). (QUARTZDATE/DLX models)	<ul style="list-style-type: none"> ① The date mode was set to no data (- - -). ② There is a bright color like white, orange, yellow, or red in the area of the picture where the date is printed. ③ The picture was taken with black-and-white film. 	<ul style="list-style-type: none"> ① Change the date mode to another setting. ② Avoid bright colors in the lower right corner of your photo compositions. ③ Do not use black-and-white film if you want to print the date. 	p.36
The colors of the picture taken indoors look strange.	<ul style="list-style-type: none"> ① The room's illumination affected the colors. 	<ul style="list-style-type: none"> ① Set the flash mode to FILL-IN. 	p.27

SPECIFICATIONS

Type: Full automatic 35mm autofocus lens-shutter camera with built-in **28~80mm** zoom lens.

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

lens: Olympus lens **28~80mm** F4.5-7.8. 9 elements in 8 groups.

Shutter: Programmed electronic shutter.

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

Focusing: Active-type multi-beam autofocus system. Focus lock possible. Focusing range: 0.8 m (2.6 ft) ~ ∞ (infinity).

Exposure control: Programmed automatic exposure control: **2-zone** light metering. switchable to spot **metering**. Auto exposure range: Wide-angle - EV3.3 (F4.5. 2 sec.) to EV16.3 (F11.6. 1/600 sec.). Telephoto - EV4.9 (F7.e. 2 sec.) to EV17.5 (F22. 1/1360 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 OX-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 ~ 3.5 sec. (at normal temperature with new batteries). Flash working range: Wide-angle --- 0.8 ~ 50 m (2.6 ~ 16.4 ft), Telephoto --- 0.8 ~ 2.9 m (2.6 ~ 9.5 ft) with ISO 100 color negative film; Wide-angle - 0.8 ~ 10.0 m (2.6 ~ 32.8 ft), Telephoto - 0.8 ~ 58 m (2.6 ~ 19.0 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) OrF (No flash). FILL-IN, (Forced activation)

External indication: LCD panel with illumination.

Battery check: Displayed on LCD panel

Weatherproof: IEC Standard publication 529

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

- Short description: Protected against splashing water
- Definition: Water splashed against enclosure from any direction shall have no harmful effect
- Test for second numeral 4: Equipment is sprayed from all practical directions

Power source: Two 3V lithium batteries (DL123A/CR123A)

Dimensions 130.5(W) X 67(H) X 59(D) mm (5-3/16 X 2-5/8 X 2-5/16 in) (without protrusions)

Weight 285 g (10.1 oz) (with batteries)

[QUARTZ/DATE/TLX models 290 g (10.2 oz) (without batteries)]

SPECIFICATIONS FOR DATE UNIT (QUARTZ/DATE/TLX models)

Imprntllll(J direction Data imprinted onto film from lens side

Data coding No data, year-month-day, month-day-year, day-month-year and day-hour-minute

External indication (if data) Data display on liquid crystal panel

Film speed setting Automatic film speed setting Automatic calendar system Up to year 2013

Power source Ordinarily used with camera body

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