This manual is for reference and historical purposes, all rights reserved.
This creation is copyright© by M. Butkus, NJ, U.S.A.
These creations may not be sold or distributed without the expressed permission of the producer
I have no connection with any camera company

On-line camera manual library

If you find this manual useful, how about a donation of $2 to:
M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701
and send your e-mail address so I can thank you.
Most other places would charge you $7.50 for a electronic copy or
$18.00 for a hard to read Xerox copy.

This will allow me to continue this site, buy new manuals and pay their shipping costs.
It'll make you feel better, won't it?
If you use Pay Pal, go to my web site
www.orphancameras.com **and choose the secure PayPal donation icon.**

www.orphancameras.com

PENTAX®

IQZoom80-E

IQZoom80-E DATE

OPERATING MANUAL



www.orphancameras.com

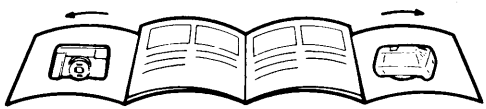
Congratulations on your purchase of the PENTAX IQ Zoom 80•E and welcome to the world of Pentax zoom compact photography! Your compact, light weight camera is a great companion to preserve your favorite memories. Its built-in 38-80mm lens gives you the freedom to frame everything from breathtaking landscapes to family portraits, even detailed close-ups. The built-in auto flash helps you capture subjects in dimly-lit palces or photograph indoor scenes with clarity and brilliance. Since most of the operation - including film loading, film speed setting, winding/rewinding, focus and exposure control - are automatic, you can take great pictures effortlessly.

- **Please read this manual carefully before operating the camera to take consistently superior pictures.**
- **Pay special attention to the cautions and notes in this Operating Manual. Pictures and illustrations used in this manual may differ from the camera's actual appearance.**
- **Illustrations in this operating manual are the DATE MODEL.**

Icon indications used in this manual

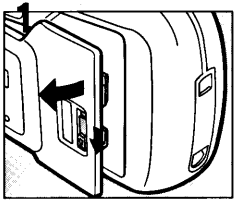
Operation direction	←
Automatic operation	⟵⟶
Attention	◌
Lamp lighted	✳
Lamp blinking	✳
Correct	○
Incorrect	×

The name of the camera's working parts are listed on the front and back flaps of this manual. Keep the flaps unfolded for quick reference while reading the manual.

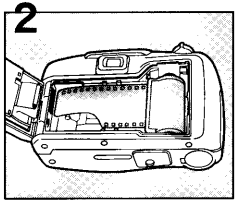


www.orphancameras.com

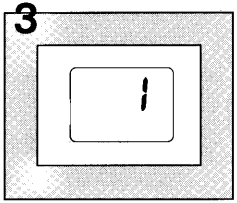
OUTLINE OF BASIC OPERATIONS



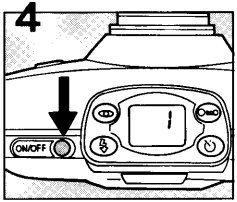
Open the back cover (see page 10).



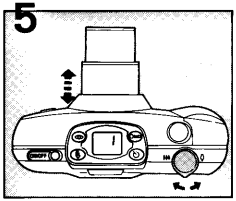
Load the film and close the back cover (see page 11).



The film will automatically advance to the first frame (see page 12).



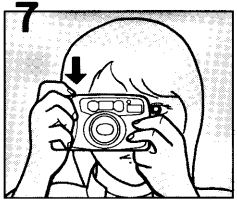
Push the main switch button to switch on power (see page 6).



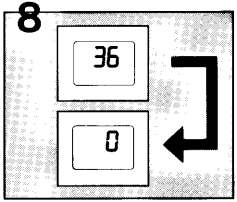
Frame your subject and operate the zooming lever to compose the shot (see page 9).



Focus on your subject (see page 14).



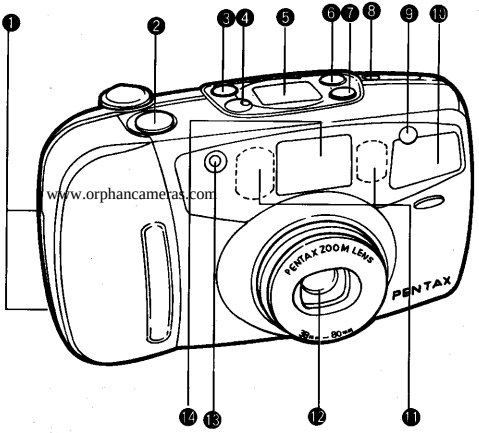
Depress the shutter release button. In dark conditions, the flash will discharge automatically (see page 14).



When the film is finished, the camera will automatically rewind it (see page 18).

www.orphancameras.com

NAMES OF WORKING PARTS



1. Strap lug (p.5)
2. Shutter release button (p.14)
3. Self-timer button (p.25)
4. Mid-roll rewind button (p.19)
5. LCD panel (p.39)
6. Mode button (p.20)
7. Red-eye reduction flash button (p.20)
8. Main switch (p.6)
9. Self-timer lamp (p.25)
10. Built-in flash
11. Autofocus window
12. Lens
13. Light sensor window
14. Viewfinder window

www.orphancameras.com

TABLE OF CONTENTS

- Names of working parts ····· Flaps
- Introduction ····· Front foldout
- Outline of basic operations ····· Inside cover
- Table of contents ····· 1
- For safe use of your camera ····· 2
- Precautions for your camera ····· 3
- Precautions for battery ····· 4

PREPARATIONS BEFORE TAKING PHOTOGRAPHS

1. Strap attachment ····· 5
2. Main switch ····· 6
3. Battery check ····· 7
4. How to hold the camera ····· 8
5. Operating the 38-80mm zoom lens ····· 9

TAKING PHOTOGRAPHS

1. Film loading ····· 10
2. Viewfinder displays and Lamp indication 13
3. Taking pictures ····· 14
4. Focus-lock shooting ····· 16
   Hard-to-autofocus subjects ····· 17
5. Unloading film ····· 18

TAKING BETTER PHOTOGRAPHS

How to select modes
/Red-eye reduction flash mode ····· 20
Daylight-sync shooting ····· 21
Taking a picture at a slow shutter speed ··· 22
Slow-speed sync photography ····· 22
Backlight compensation ····· 23
Bulb shooting ····· 24
Bulb-sync shooting ····· 24
Self-timer photography ····· 25
DATE MODEL ····· 26

MAINTENANCE CONSIDERATIONS

Battery exhaustion warning ····· 28
Loading/Replacing the battery ····· 28
Practical shooting guide ····· 30
Troubleshooting ····· 32
Flash effective range with films other than ISO 100,200, or 400 ····· 33
Specifications ····· 34
Warranty policy ····· 36
LCD panel ····· 39

www.orphancameras.com

FOR SAFE USE OF YOUR CAMERA

Although we have carefully designed this camera for safe operation, please be sure to follow precautions given on this page.

⚠ WARNING **This mark indicates precautions that, if not followed, could result in serious injury to the operator.**

⚠ CAUTION **This mark indicates precautions that, if not followed, could result in minor or medium injury to the operator or damage to the equipment.**

⚠ WARNING

- The electronic circuits inside the camera contain high voltage working parts. Never attempt to disassemble the camera yourself.
- Never touch internal parts of the camera if they become exposed from dropping the camera or for some other reason, as there is danger of electric shock.
- Wrapping the strap around your neck is dangerous. Make sure that small children do not get the strap caught around their neck.
- Do not look directly at the sun through the camera, as viewing the sun for an extended period may damage your eyes.
- Be sure to store batteries out of the reach of children. Seek medical assistance immediately if accidentally swallowed.

⚠ CAUTION

- Do not use the flash near anyone's eyes, as it may hurt them. Be particularly careful with the flash around infants.
- Never try to disassemble, short or recharge the battery. Also, do not dispose of the battery in fire, as it may explode.
- Remove the batteries from the camera immediately if they become hot or begin to smoke. Be careful not to burn yourself during removal.

www.orphancameras.com

PRECAUTIONS FOR YOUR CAMERA

Precautions when taking pictures

- Do not use the camera where it may come in contact with rain or water because the camera is not weather resistant. Should the camera get wet from rain or splashing water, wipe it off immediately with a dry soft cloth.
- Do not drop the camera or allow it to hit a solid object. If the camera suffers a severe shock or impact, take it to a Pentax service center for inspection.
- Condensation on the interior or the exterior of the camera may be extremely harmful to the camera mechanism as it may cause rust and/or corrosion. Furthermore, if the camera is taken from warm temperature to a subfreezing one or vice versa, the formation of icelets may cause damage. In such a case, put the camera into a case or plastic bag so that any changes in temperature will be as gradual as possible. After temperature difference is minimized, the camera may be removed from the bag.
- Dirt, mud, sand, moisture, toxic gas, water, salt water, etc., penetrating the inside of the camera may cause damage or render it inoperable. Damage of any kind will not be repaired under the terms of the warranty and charges may be assessed. Therefore, handle the camera with great care.

Precautions for proper care

- Use a blower and lens brush to remove dust accumulated on the lens or the viewfinder window.
- Never use solvents such as paint thinner, alcohol or benzine to clean the camera. To clean the external camera surfaces, - but not glass surfaces; using a dry or silicone -treated cloth is recommended.

www.orphancameras.com

Precautions for storage

- Avoid leaving the camera for extended periods in places where temperature and humidity are high such as in a car.
- Do not store the camera in a closet with mothballs or in a case where chemicals are handled. Store it in a place with good air circulation to prevent fungus growth.

Other precautions

- The temperature range at which this camera functions properly is 50°C to −10°C (122°F to 14°F).
- To maintain optimum performance, it is recommended that the camera be inspected every one or two years. If the camera has not been used for an extended period, or is being prepared for an important photographic session, it is recommended that you have the camera inspected or test shoot with it.
- Repairs made necessory due to the camera being subjected to any of the conditions warned about in this precautions section, or any other precaution or warning throughout this operating manual, are not covered under the terms of the warranty and charges may be assessed.

Precautions for battery

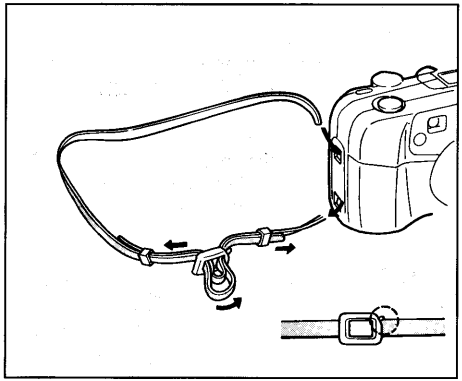
- Misuse of a battery can cause hazards such as leakage, overheating, explosions, etc. The battery should be inserted with the "+" and "−" sides facing correctly.
- Never try to disassemble, short or recharge the battery. Also do not dispose of the battery in a fire, as it may exploded.
- Battery performance may be temporarily hindered in low temperatures, but will recover in normal temperatures.
- Keep a spare battery on hand for replacement convenience when shooting outdoors or while traveling.
- Keep the battery out of the reach of children.
- When the camera is in a bag, make sure the main switch is off; otherwise, battery power may be wasted if the shutter release button is accidentally pushed.

www.orphancamera

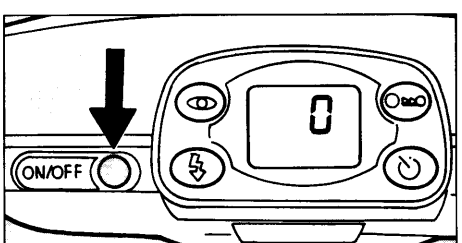
PREPARATIONS BEFORE TAKING PHOTOGRAPHS

For optimum performance you should familiarize yourself with certain fundamentals before taking any photographs.

Fit the strap on the camera as illustrated. Use the illustrated part of the strap for opening the battery chamber cover, adjusting the data on the Date model, or pushing the mid-roll rewind button to rewind a film before exposing all the frames.



www.orphancameras.com

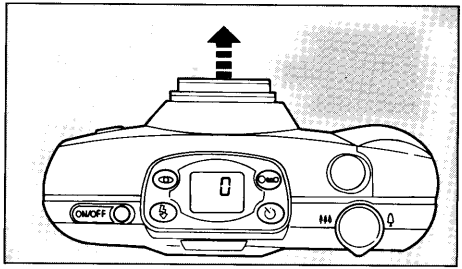


Main Switch
To switch on, push the main switch button. The lens extends slightly to 38mm and the LCD panel is now on. To switch off, push the main switch button again.

- When not in use, ensure that the camera is switched off.
- Use one 3V lithium battery, type CR123A or the equivalent. Do not remove the battery before it is exhausted. If the battery is removed, the data on the DATE MODEL is initialized.
- The lens cover automatically opens and closes when the main switch is turned on and off. Do not attempt to open the lens cover manually.

www.orphancameras.com

BATTERY CHECK

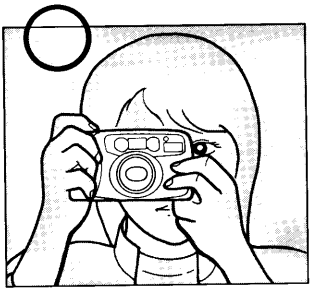


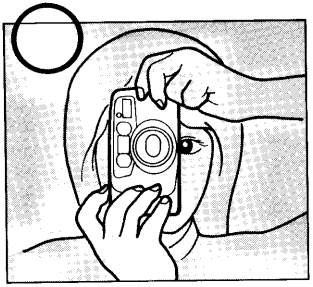
Battery check
After you turn the main switch ON, the lens slightly extends and the lens cover opens. You are now ready to shoot.

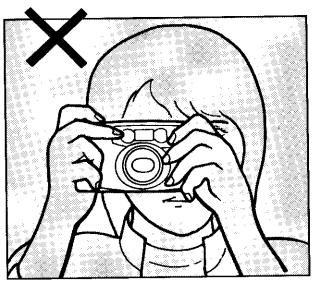
- See page 28, when the battery exhaustion symbol (▯) apperas on the LCD panel.
- If the camera is on and left unused for over 3 minutes, the lens automatically retracts and the power switches off to save the battery power.
- If the main switch is turned on within 60 minutes of auto-power off, the previous setting will automatically return.

www.orphancameras.com

4 HOW TO HOLD THE CAMERA





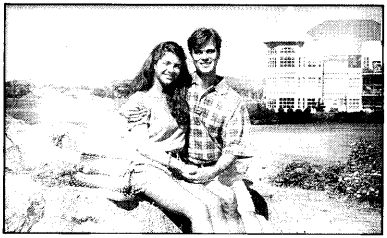


Hold the camera as still as possible and steady it against your face. Depress the shutter release button gently. (If too much force is applied,the camera is likely to shake, and the picture will be blurred.) If possible, brace your body against a stable, stationary object such as a wall. When using the flash with the camera positioned vertically, hold the camera so that the flash is above the lens.

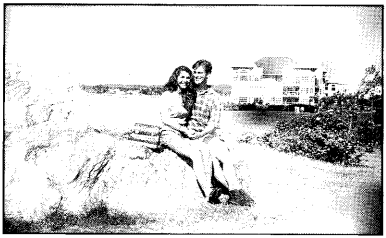
Notes:

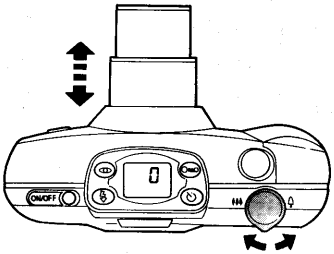
- Do not hold the zoom lens because it moves back and forth while in operation.
- Make sure not to obstruct the autofocus window, lens, light sensor window or the built-in flash with your fingers, hair or other object.

www.orphancameras.com









When you move the zooming lever to the right (♦), the lens moves towards the telephoto side. When you move the zooming lever to the left (♦♦♦), the lens moves towards the wide angle side.

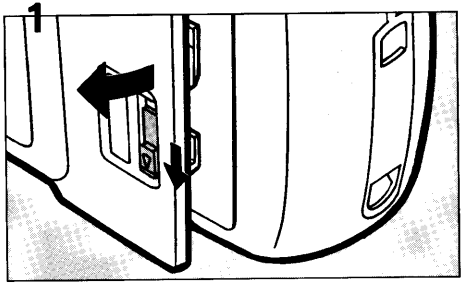
Note:

- The shutter cannot be released while the lens is zooming.
- Do not apply force to the zoom lens; do not place the camera with lens facing downward.

www.orphancamera.com

TAKING PHOTOGRAPHS

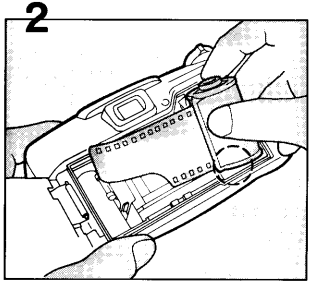
After reading this instruction manual you should be familiar with the functions available on the camera, and you're ready to insert the film.

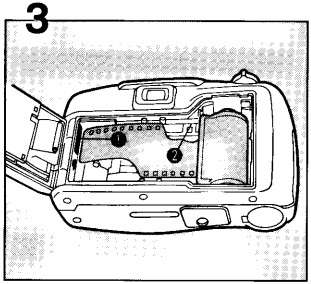


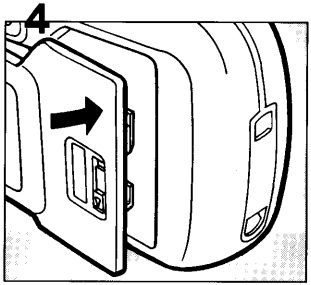
1. Open the back cover as illustrated.

- Ensure the power is off before loading the film.

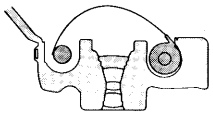
www.orphancameras.com



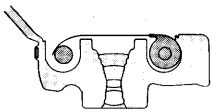




2. Place the film cartridge in the film chamber by fitting its flat side on top of the rewind shaft first and then top end into the camera.
3. Pull the film leader out far enough from the cartridge to reach the take-up spool. Align the tip of the film with the film leader end mark ❶.
4. Close the back cover. The film automatically advances to the first frame.



×Slack No !

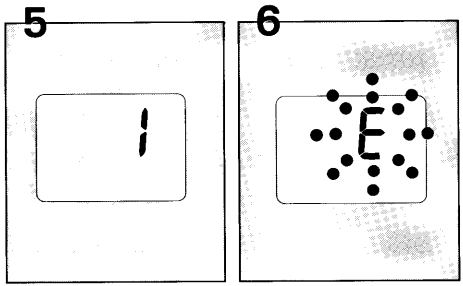


○Flat Yes !

Notes:

- Ensure the film is placed properly between the film guides.
- If there is dirt on the film detector ❷, film cannot be wound properly.
- Ensure the film is taut as illustrated on the illustration to the left. Take up any slack in the film by pushing it back into the cartridge.
- If the end of the film leader is extremely bent, straighten it or cut off the bent portion.

www.orphancameras.com



5. When [1] appears in the exposure counter on the LCD panel, the film automatically stops winding. Ensure that [1] apears on the LCD panel.
6. If [E] blinks on the LCD panel, it means that the film is not properly loaded. Reload the film again.

- When the main switch is turned OFF, the number of frames or [E] indication will remain for 5 seconds on the LCD panel.

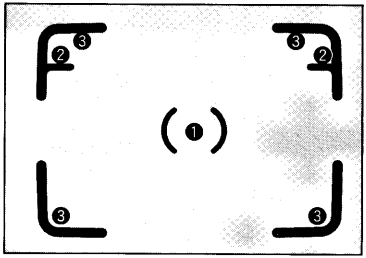
Film and Film Speed Setting.

- Use a DX-coded film with ISO rating from 25 to 1600. When any of these films are loaded, the proper film speed is automatically set for the camera.
- Non-DX coded films cannot be used. If non DX-coded film is used, the camera automatically set the film speed to ISO 25.
- A film with ISO 400 film speed is recommended to get less image blur and to cover more of photographic situations.
- Use high-speed films with ISO 800 or higher mainly for shooting indoors or in dimly-lit conditions.
- Use of negative color film (print film) is recommended.

www.orphancameras.com

2 VIEWFINDER DISPLAYS AND LAMP INDICATIONS

VIEWFINDER DISPLAYS

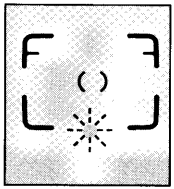


❶Autofocus frame
Center this frame over the subject.

❷Close distance compensation frame
When the camera-to-subject distance is less than 1m, compose the scene within this frame.

❸Picture area
When taking a normal picture, compose the scene within this frame.

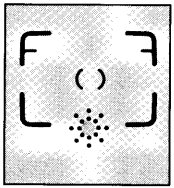
LAMP INDICATIONS



When you depress the shutter release button halfway down, the green lamp in the viewfinder lights up or blinks.

When the subject is in focus and the the flash is fully charged, the green lamp will light up to indicate that you can take the picture.

Lighting up:



If either the camera-to-subject distance is less than 1m or the flash is being charged, the green lamp will blink and you cannot release the shutter.

Blinking:

- While the lamp is blinking, you cannot release the shutter.
- Ensure that the lamp is lit continously before taking pictures.
- When the flash is being charged, [ϟ] on the LCD panel also blinks.

www.orphancameras.com

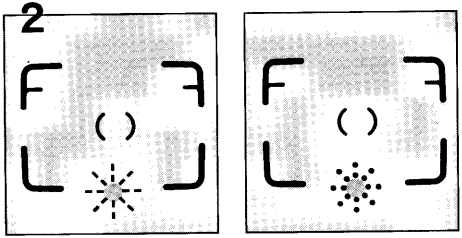
TAKING PICTURES [Shooting distance: 0.6m (2ft) - ∞ (infinity)]



1. Composing the scene
After zooming the lens and composing your scene, center the autofocus frame over the main subject.

2. Checking the lamp indication
When the shutter release button is depressed halfway down, the camera focuses automatically.

- The subject closer than 0.6m (2ft) cannot be focused properly.
- The lamp blinks for one of the following reasons.

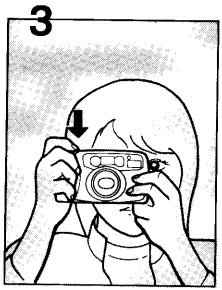


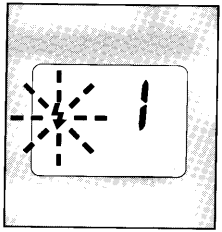
❶ The subject is too close. Extend the camera-to-subject-distance until the green lamp is lit continuously.

❷ The flash is being charged. Lift your finger from the shutter release button for a few second until the flash is fully charged. Then depress the shutter release button again. When the flash is being charged, [ϟ] on the LCD panel also blinks.

- If you wish to focus on another subject, lift your finger from the shutter release button, recompose, and then depress the shutter release button halfway down again.
- If the autofocus window is dirty, the autofocus may not function properly.

www.orphancameras.com





3. Shooting
Fully depress the shutter release button.

Note:
- When the shutter is released, the self-timer lamp momentarily lights up to indicate that a picture has been taken.

Flash effective ranges (Nega-color film used)

Lens \ ISO	100	200	400
38mm (♦♦♦)	0.6 - 3.8m (2.0-12.5ft)	0.6 - 5.4m (2.0-17.7ft)	0.6 - 7.7m (2.0-25.3ft)
80mm (♦)	0.6 - 2.0m (2.0-6.6ft)	0.6 - 2.8m (2.0-9.2ft)	0.6 - 3.9m (2.0-12.8ft)

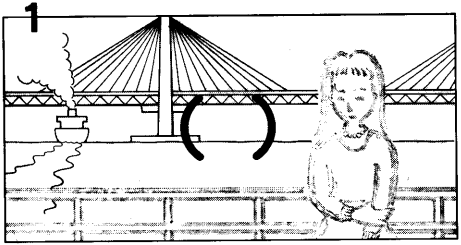
Automatic Flash Emission
When the shutter release button is depressed halfway down in low light, the flash is automatically charged and the lamp in the viewfinder light up and [ϟ] will appear on the LCD panel indicating the flash is ready to discharge.

- The automatic flash emission is automatically set when the main switch is turned on.
- When the built-in flash automatically discharges, the camera uses a shutter speed of approx. 1/45 sec. when the ISO400 film is used.

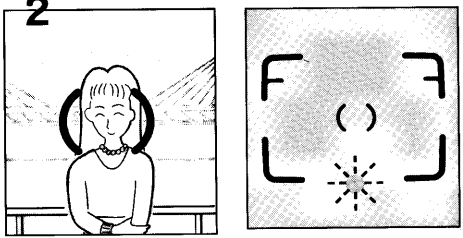
Red-eye Reduction Flash Function
This camera incorporates a red-eye reduction function which lights up the self-timer lamp for approx. 1 second before the flash is discharged. For setting the red-eye reduction flash function, see page 20.

www.orphancameras.com

FOCUS LOCK SHOOTING

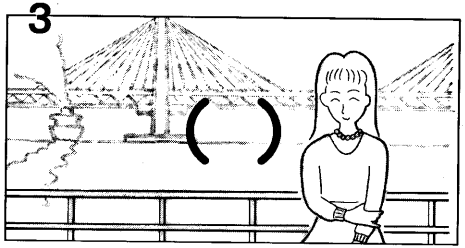


If you shoot without positioning the autofocus frame [( )] on the main subject as shown above, only the background will be in focus. When the main subject is off the autofocus frame in the center of the viewfinder, use the focus-lock technique. (Focus lock is the function to lock focus on an off-center subject.)



1. Focus on the subject with the autofocus frame [( )].
2. When the shutter release button is depressed halfway down, the green lamp in the viewfinder lights up and the exposure and focus are temporarily locked.

www.orphancameras.com



3. While holding the shutter release button halfway, re-aim the camera or recompose the picture, then release the shutter by depressing the shutter release button all the way.

Note:

- You can release the focus lock simply by lifting your finger from the shutter release button.

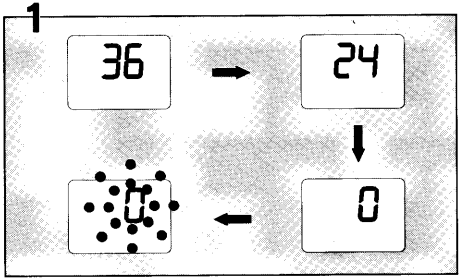
HARD-TO-AUTOFOCUS SUBJECTS

The autofocus system is highly precise, but not perfect. Some subjects may not focus as you wish. In this case, use the focus-lock technique on another subject near the actual one and equidistant from the lens. Subjects which may fool the autofocus system include:

a) Black or very dark objects, which don't reflect much light (and therefore don't reflect infrared autofocus beams.)
b) Wire netting, latticework, iron exercise-bars, etc.
c) Flickering light sources such as neon signs, fluorescent lamps, TV images, sunlight coming through trees, etc. and subjects illuminated by these light sources.
d) Glossy and reflective surfaces like glass, mirror, car bodies, etc.
e) Fast-moving objects, like trains or automobiles in motion.
f) Water jets, water surface, smoke, flame, fireworks, etc. which have no distinct or consistent form, or a subject in mist.

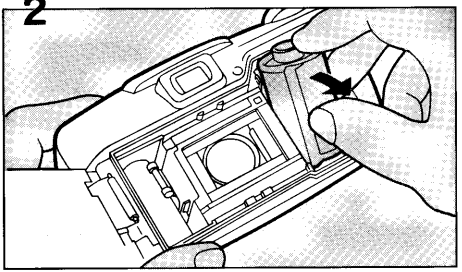
www.orphancameras.com

5 UNLOADING FILM (Remove the film from the camera in the shade or by using your body to shade the camera)



1. Rewinding the film
After you have exposed the last frame of the roll, the lens retracts and the film rewinds automatically. After rewinding, the motor stops, and [0] blinks as shown to indicate that the film has been rewound.

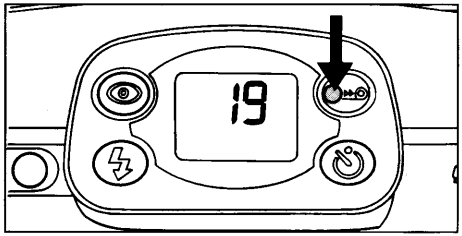
- [0] blinks for approx. 5 sec. after the whole film roll is rewound.
- A 24-exposure roll of film takes about 20 seconds to be rewound.
- The entire roll of film including the film leader is always rewound into the cartridge to prevent any part of the film being exposed to light.



2. Unloading the film
To unload the film, open the back cover, and remove the cartridge from the chamber by pulling the top out first .

Notes:
- Never open the back cover until the whole film roll is rewound.
- The shutter may be released a frame or two even after the specified number of frames have been used up as indicated by the number of shots shown on the film cartridge. If this occurs, these extra frames may be lost in processing.

www.orphancameras.com

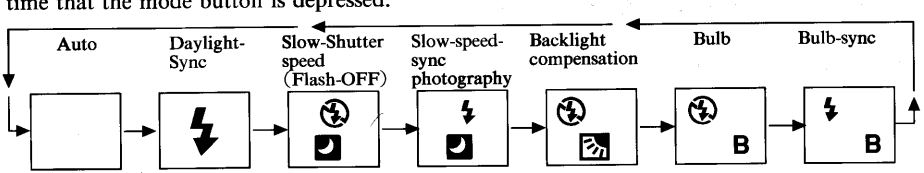


Rewinding a film in mid-roll
If you wish to unload a film before exposing all the frames, push the mid-roll rewind button with the protrusion part of the strap clamp.

- The lens retracts and then film rewinding starts.
- When rewind is completed, the motor stops and [0] blinks, indicating that the back cover may be opened safely.

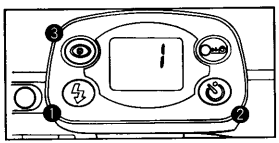
www.orphancameras.com

To set various exposure modes, depress the mode button ❶. The mode selection will change each time that the mode button is depressed.

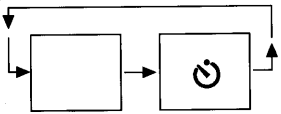


Turn the power on by depressing the main switch button.

- To set various required modes, depress the button ❶, each time.
- In any exposure mode, if the button ❶ is depressed after the shutter is released, the normal exposure mode is returned .



To set shooting modes, depress the drive button ❷.



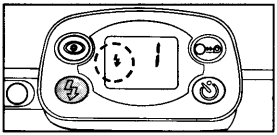
Single-Frame shooting — Self-Timer shooting

Red-Eye Reduction Flash Function

To reduce the red-eye phenomenon in the picture, depress the red-eye reduction flash button [◉] ❸. With this mode, the self-timer lamp lights up for approx. 1 second just before the main flash is discharged to reduce the appearance of the red-eye effect. To cancel this mode, depress the red-eye reduction button again.

www.orphancameras.com

DAYLIGHT – SYNC SHOOTING



Depress the mode button until the [ϟ] symbol appears on the LCD panel. The flash will discharge in both dark and bright conditions. When a portrait is taken with the subject in a backlight situation, the front of the subject may be cast in shadow. In such a case, use the Daylight-Sync Shooting mode (Flash-ON mode) within the flash-effective range to take pictures. This will ensure that a picture is well exposed without any shadow. When you wish to discharge the flash, use this mode. In this mode, the flash will always discharge.

Note:

- Make sure you're within the flash effective range even when you use the built- in flash as a fill-in flash in daylight. See page 15.



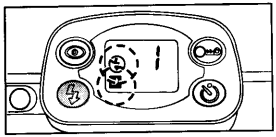
Without Daylight-Sync



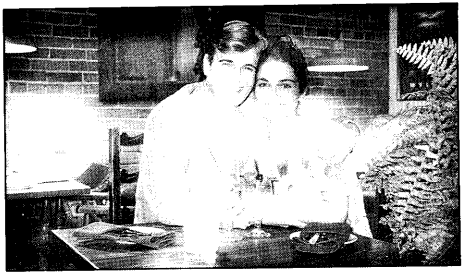
With Daylight-Sync

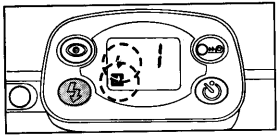
www.orphancameras.com

TAKING A PICTURES AT A SLOW SHUTTER SPEED



Slow Shutter Speed (Flash-OFF)
Depress the mode button until the [ ] symbol appears on the LCD panel. In this mode, the flash does not discharge, and a picture is taken at a slow shutter speed up to approx. 1/3 second. Use it in places where the flash photography is prohibited, such as in theaters and museums. Furthermore, this mode is also useful for a natural existing light effect in low ambient photography.



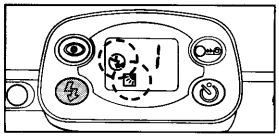


Slow-Speed-Sync Shooting (Flash-On)
Depress the mode button to set the slow-shutter-sync mode until the [ ] symbol appears on the LCD panel. It is possible to photograph subjects and background in a balanced way (as shown in the photo) by using the built-in flash to properly expose the foreground subject and a slow-speed to expose the low light background.

Notes:
- When shooting in low light, the shutter speed gets slower, and camera shake is likely to blur your picture. Use of a tripod is recommended.
- Make sure you are within the flash effective range even when you use the built-in flash as a fill-in flash in daylight. See page 15.

www.orphancameras.com

BACKLIGHT COMPENSATION



Purpose

Indoor portraits against an outside window, blue sky or other bright backgrounds often result in underexposure because the exposure is automatically set for the background. Backlight Compensation makes good use of natural lighting to improve the balance of light between the subject and the rest of the picture.

How to Set

Depress the Mode Button until the [ ] symbol appears on the LCD panel.

Note:

- When using Backlight Compensation in a dimly-lit place, the shutter speed may be so slow that you should use a tripod to prevent camera shake.



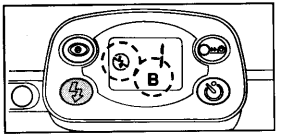
Without Backlight Compensation



With Backlight Compensation

www.orphancameras.com

BULB, BULB–SYNC SHOOTING



Bulb Mode [B]

Purpose

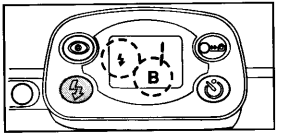
The shutter remains open as long as the shutter release button is held down. This mode is useful for long exposures required for shooting fireworks and night scenes, for example.

How to Set

Depress the mode button until [B] appears on the LCD panel.

Note:

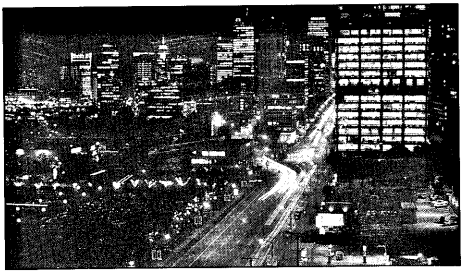
The camera should be mounted on a tripod so that the camera will be steady.



Bulb-Sync Mode [ϟ B]

Purpose

This mode lets you use the flash in addition to the Bulb mode, so you can take a portrait photograph with a night scene in the background, for example.



Bulb mode, approx. 3 sec. (ISO100)

How to Set

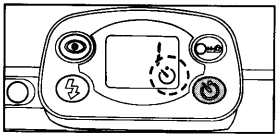
Deprees the mode button until [ϟ B] appears on the LCD panel.

Notes:

- Make sure you're within the flash effective range even when the Bulb-Sync Mode is in used. See page 15.
- The camera should be mounted on a tripod so that the camera will be steady.

www.orphancameras.com

SELF – TIMER PHOTOGRAPHY



Self-Timer Purpose

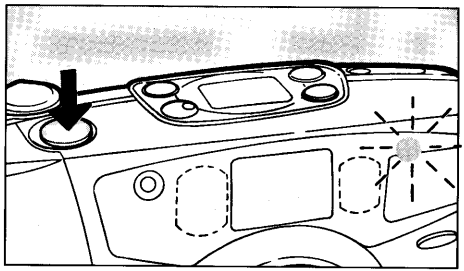
Use the self-timer if you wish to get in the picture. Use of a tripod is recommended.

How to Use

- Depress the drive button until [⏲] appears on the LCD panel.
- Focus on the subject first by depressing the shutter release button halfway, and then depress the shutter button fully.

How to Cancel

- To stop the self-timer operation at any time after it's been activated, push the main switch again.
- When the self-timer is working, the lamp lights up for approximately 7 seconds and then will start blinking 3 seconds before the shutter is released, letting you know when to smile.

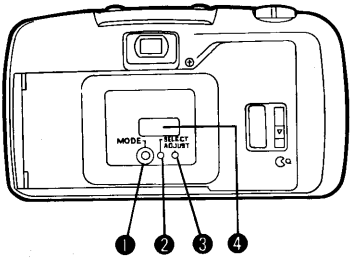


Notes on the self-timer shooting

- Use of a triod is recommended.
- Keep in mind that when starting the Self-Timer while standing in front of the camera, the camera may not focus on the subject.
- When you want to use the flash with the self-timer, ensure that the lamp is lit indicating the flash has been charged before operating the self-timer.

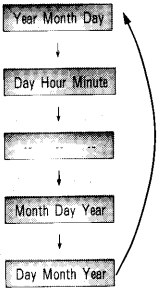
www.orphancameras.com

DATE MODEL



If you purchased the DATE model, read this section. The DATE model records dates up to the year 2019 on pictures.

Switching the Mode
Press the MODE button ❶ with your finger, the mode on the LCD panel switches as shown in the chart.



Notes:
- "----" indicates no data will be imprinted.
- "M" on the LCD panel indicates "Month".
- Use the strap clamp's protrusion to depress the SELECT ❷ and ADJUST ❸ buttons.



* The date in the picture above is simulated.

www.orphancameras.com

Correcting the date

1. Depress the SELECT button ❷ to make a different category of digits on the LCD panel that you want to change blink.
2. Depress the ADJUST button ❸ to change digits of the specified category you chose with the SELECT button ❷. Digits increase by one each time you depress the ADJUST button ❸. Holding down the button will advance digits continuously.
3. After the data has been adjusted, depress the SELECT button ❷ each time until blinking stops.

- Depress the SELECT button ❷ each time. The bar mark (−) appears on the LCD panel, indicating that data imprinting choices are possible.
- The blinking " : " allows precise fine-tuning of the internal clock to the beginning of a specified minute. To do so, depress the mode button ❶ until "Day-Hour-Minute" digits appear and then depress the SELECT button ❷ to make the " : " blink. Then depress the ADJUST button ❸ in sync with a time signal.
- If you release the shutter while the blinking data is being corrected, the data cannot be imprinted.

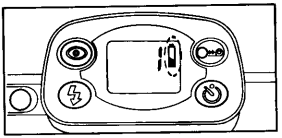
Operational precautions

The data on the LCD panel ❹ is imprinted on each frame you expose.

- "Year-Month-Day" and "Day-Hour-Minute" cannot be imprinted at the same time.
- As you release the shutter, the bar(−) mark on the display blinks for a few seconds, indicating the data has been imprinted.
- If there is a white or yellow object in the corner of the picture where the data is imprinted, the data may be difficult to read. When composing your photographs, try to avoid brightly-colored subjects in that corner.

www.orphancameras.com

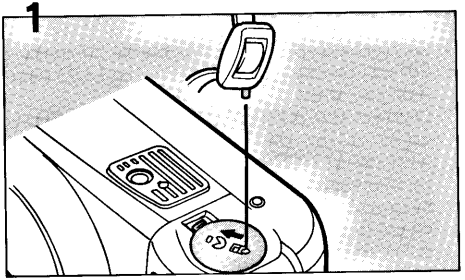
BATTERY EXHAUSTION WARNING/ REPLACING BATTERY Use one 3V lithium battery (CR-123A or DL-123A).





Battery exhaustion warning
When the battery is nearly exhausted, the battery symbol [▮] appears on the LCD panel to warn you. Replace the battery as soon as possible. When [▮] starts blinking, no operations can be performed.

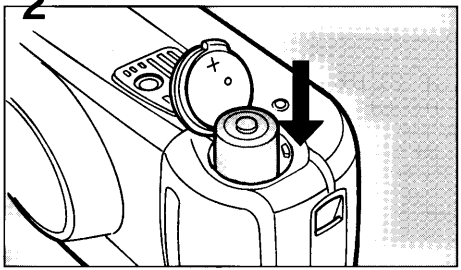
Battery life (using 24-exposure film rolls):
Approx. 15 rolls
Using flash 50% of the time (using the CR123A battery and under Pentax testing conditions). Actual battery life/performance may vary drastically depending on usage of Auto-Focus, Power Zoom, Flash and external conditions such as temperature and freshness of the battery.



Ensure that the power is off before replacing the battery.

1. Open the battery chamber cover by using the strap clamp's protrusion.

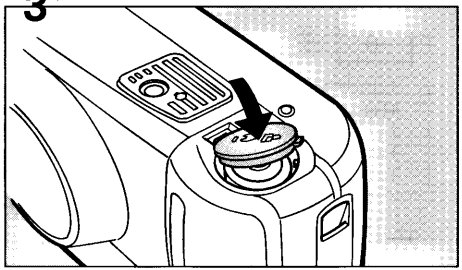
www.orphancameras.com



2. Insert one lithium battery with the plus/minus (+/−) sides matching the indications in the battery compartment.

Notes on replacing the battery:

- Ensure that the power is off before replacing the battery.
- After the battery is replaced, correct the time and date.



3. Close the battery chamber cover. Ensure that the cover is locked with a click.

- If the battery is correctly loaded, the zoom lens moves slightly and the motor operates for a few seconds.
- On the DATE MODEL, the data is initialized when the battery chamber cover is opened.

www.orphancameras.com



Flash photography

Taking a picture in low light situations. ····· p.14
Minimizing the red-eye effect. ····· p.15
Taking a portrait when the subject is in the shade. ····· p.21
Taking a picture of people with sunset scenery in the background. ····· p.22
Taking a picture of people with night scenery in the background. ····· p.24



Zooming

Making a subject larger or smaller. ····· p.9

www.orphancameras.com



Taking pictures of people in various situations

Taking a portrait when the subject is in the shade. ····· p.21
Taking a picture of people with sunset scenery in the background. ····· p.22
Taking a picture of people with night scenery in the background. ····· p.22
Putting yourself into a picture. ····· p.25



Landscape photography

Taking a picture of people with sunset scenery in the background. ····· p.22
Taking a picture of night scenery. ····· p.24
Taking a picture of people with night scenery in the background. ····· p.24



Others

Imprinting date on a picture. ····· p.26

www.orphancameras.com

TROUBLESHOOTING

What appears troublesome may be easily remedied. Here are some problems that may occur and their remedies.

Symptoms	Causes and Remedies
1. The shutter cannot be released.	• Is the main switch turned off? If so, turn it on. See page 6. • Is the battery exhausted? Replace it or insert new battery if it is exhausted. See page 28. • Is [0] blinking on the LCD panel? If so, the film has been used up. Insert a new roll. (See page 10.)
2. My printed pictures don't look very clear.	• Did you position the autofocus frame on your subject? See page 14. • Did you obstruct the autofocus window with your fingers, hair or other object when you depress the shutter release button? See page 8. • Is the autofocus window dirty? Wipe it off. See page 14.
3. Zoom lens retracted automatically (the power is turned off automatically)	• Did you leave the camera unused for over 3 minutes after the main switch was turned on? The power is automatically switched off if the camera is left unused for over 3 minutes. See page 7.

www.orphancameras.com

Symptoms	Causes and Remedies
4. The flash discharges, though it is not dark.	• Daylight sync mode has been set. See page 21.
5. The [H] or [U] mark is displayed on the LCD panel.	• If either mark disappears when the zoom lever is moved, the camera is ready for use. The camera may be defective if either mark appears often.
If the camera is placed in a condition where static electricity may be discharged on or near the camera, the LCD display may go blank. If this happens, press the main switch again, or reset the camera by removing the battery and reinserting it again. The camera will resume normal operations and may be used in its usual ways.	

Flash effective ranges other than ISO 100, 200 or 400 (Nega-color film used)

ISO / Lens	25	50	800	1600
38mm (♦♦♦)	0.6-1.9m (2.0-6.2ft)	0.6-2.7m (2.0-8.9ft)	0.8*-11.0m (2.6*-36.1ft)	1.2*-15.5m (3.9*-51.0ft)
80mm (♦)	0.6-1.0m (2.0-3.3ft)	0.6-1.4m (2.0-4.6ft)	0.6-5.5m (2.0-18.0ft)	0.6-7.8m (2.0-25.6ft)

* With high speed film, overexposure may occur at close range due to the film's high speed.

www.orphancameras.com

SPECIFICATIONS

Type:	35mm fully automatic leaf-shutter with built-in zoom lens and auto flash
Film:	Auto film speed setting with 35mm perforated DX-coded film with ISO rating from 25-1600 (1EV step). Non-DX coded films are automatically set to ISO25
Format:	24×36mm
Film loading:	Auto film loading. Closing the back cover will automatically wind the film to first exposure.
Film winding:	Auto film-winding, single frame advance mode.
Film rewinding:	Auto start at the end of roll. Auto stop upon completion of rewinding. Rewinding time:approx. 20 sec. with 24-exposure film. Rewinding in mid-roll provided. Rewinding in mid-roll provided.
Frame number:	Automatic readout of successive frame numbers in ascending order when shooting, and descending order when rewinding.
Lens:	Pentax power zoom 38-80mm f/4.8-9.5 5 elements in 5 groups, Angle of view: 59° −30.5°.
Focusing system:	Pentax infrared active autofocusing with focus lock, Range: 0.6m(2ft)-infinity. Maximum magnification approx. 1/6.5X. Focus lock is provided.
Zooming:	Electronic zoom
Shutter:	Programmed AE electronic shutter with speed approx.1/320-1/3 sec. Bulb. Electromagnetic release.
Self-timer:	Electronic red lamp indication. Approx.10 sec. Cancellation after activation is possible.
Viewfinder:	Albada-bright frame. 83% of field of view ratio. Magnification: 0.38X (38mm WIDE) - 0.69X(80mm TELE), Picture frame, Close distance compensation frame, Green lamp lighting (○): possible to take a picture, Green lamp blinking: When subject is too close and/or flash is being charged.

www.orphancameras.com

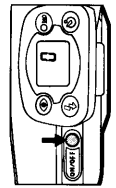
Exposure control:	Programmed auto-exposure control. Range: EV10-EV17 at 38mm WIDE,EV11.5-EV18.5 at 80mm TELE in Auto or Daylight-Synch mode (ISO 400), EV8.0-EV17 at 38mm WIDE EV8.0-EV18.5 at 80mm in Slow-Shutter-Speed mode,
Backlight compensation:	+1.5EV
Flash:	Built-in flash with red-eye reduction mode, Automatic flash emission in low-luminance, Flash ON=Day-light Synch/Slow-Shutter-Speed Sync (up to 1/3 sec.), Flash-OFF=Flash override, Bulb-Sync,
Flash effective range:	0.6-7.7m (38mm WIDE), 0.6-3.9m (80mm TELE) (ISO 400 film used).
Flash recycling time:	Approx. 5 sec. under Pentax testing conditions.
Battery source:	One 3V lithium battery CR123A or the equivalent
Battery life:	Approx. 15 rolls of 24-exposure film when 50% of shooting uses flash (under Pentax testing conditions)
Size & Weight:	134(W)x 74(H)x 51.5(D)mm (5.3″x2.9″x2.0″) 245g(8.6oz) without battery
DATE model:	
Date mechanism:	Crystal quartz controlled; LCD with digital clock, auto calendar up to 2019.
Imprinting mode:	"Year,Month and Day", "Day,Hour and Minutes", "---- blank", "Month, Day and Year" or "Day, Month and Year".
Size & Weight:	134(W)x 74(H)x 55(D)mm (5.3″x2.9″x2.2″) 250g(8.8oz) without battery

SPECIFICATIONS ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTIFICATION OR ANY OBLIGATION ON THE PART OF THE MANUFACTURER.

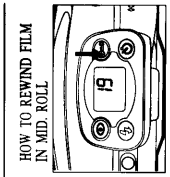
www.orphancameras.com

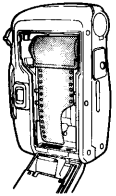
FOR YOUR REFERENCE, KEEP THIS CARD WITH THE CAMERA.

PENTAX® IQZoom 80-E DATE

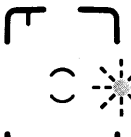


3 PUSH ON MAIN SWITCH TO TURN ON POWER

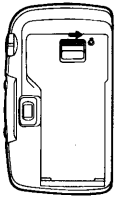




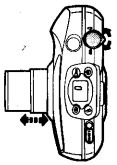
2 LOAD FILM AND CLOSE BACK COVER



CENTER AF FRAME OVER SUBJECT. COMFIRM LAMP LIGHTS UP.



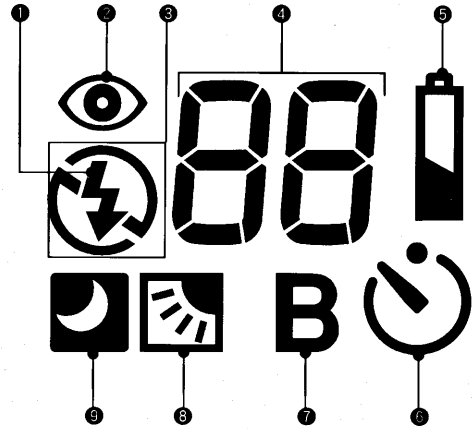
1 OPEN BACK COVER USING RELEASE LEVER



4 OPERATE ZOOMING LEVER TO FRAME

LCD PANEL

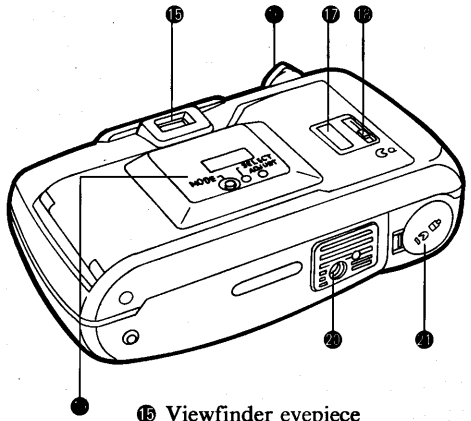
All indications will not actually appear simultaneously as shown.



1. Flash ON (p.21)
2. Red-eye Reduction Flash mode (p.15,20,37)
3. Flash OFF (p.22)
4. Exposure Counter (p.12)
5. Battery Exhaustion Warning (p.28)
6. Self-Timer (p.25)
7. Bulb (p.24)
8. Backlight compensation (p.23)
9. Slow Shutter Speed (p.22)

www.orphancameras.com

NAMES OF WORKING PARTS



⑮ Viewfinder eyepiece
⑯ Zooming lever (p.9)
⑰ Film information window
⑱ Back cover release lever (p.10)
⑲ Back cover (p.10)
⑳ Tripod socket
㉑ Battery chamber cover (p.28)

FOR YOUR REFERENCE, KEEP THIS CARD WITH THE CAMERA.

PENTAX® IQZoom 80-E DATE

- RED-EYE REDUCTION ON
- DAYLIGHT FLASH ON
- LOW LIGHT, FLASH OFF
- LOW LIGHT, FLASH ON
- BACKLIGHT COMPENSATION ON
- BULB FLASH OFF
- BULB FLASH ON
- BULB : CAMERA STAYS OPEN FOR AS LONG AS YOU PRESS THE SHUTTER RELEASE BUTTON

* CAMERA FLASHES AUTOMATICALLY WHEN NO ICONS APPEAR

- FILM REWINDING IN MID. ROLL
- SELF-TIMER ON (10 SEC.)