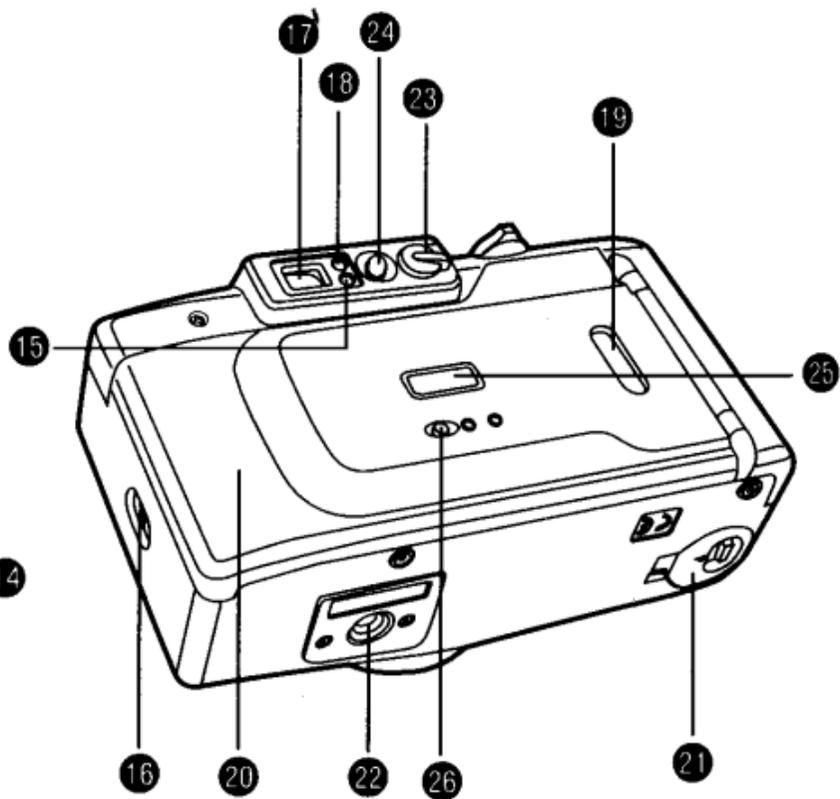
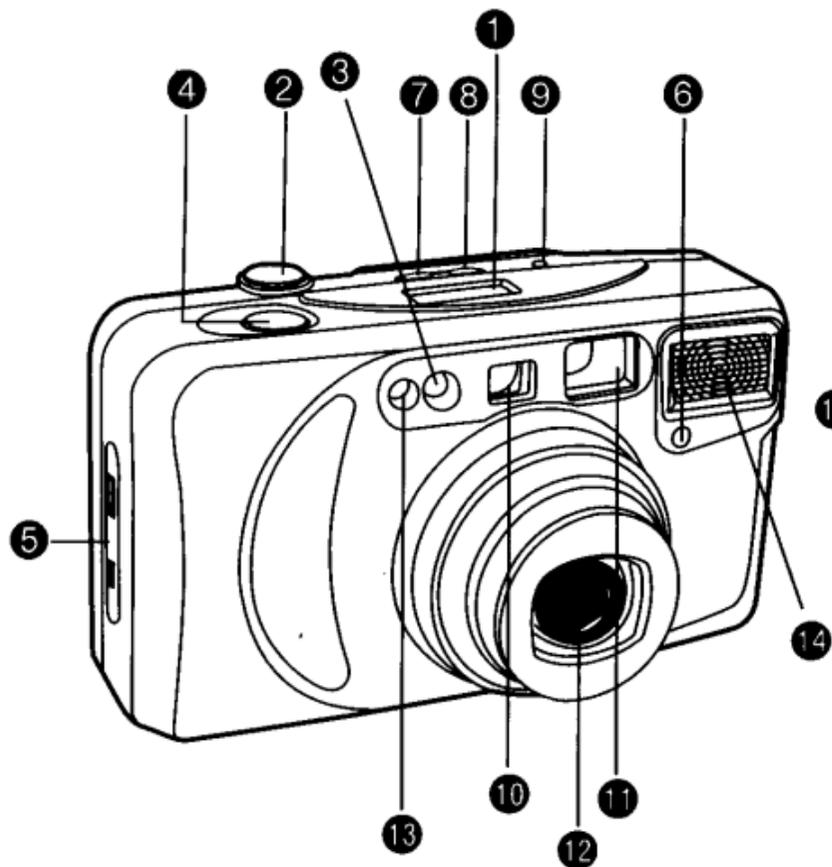
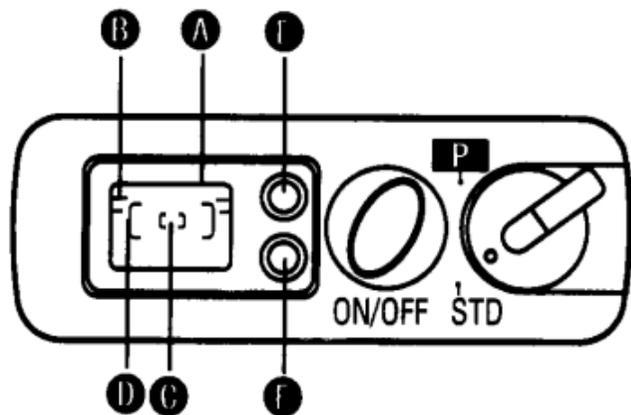
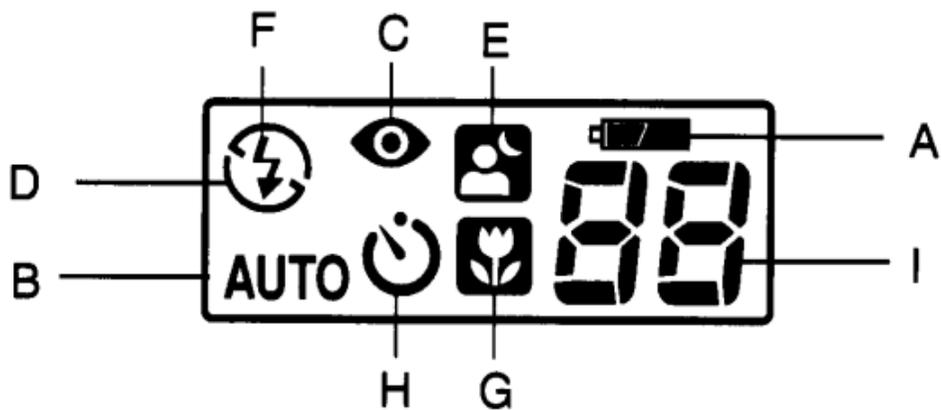


MINOX

Anleitung
Instructions
Notice d'utilisation

MINOX CD 140





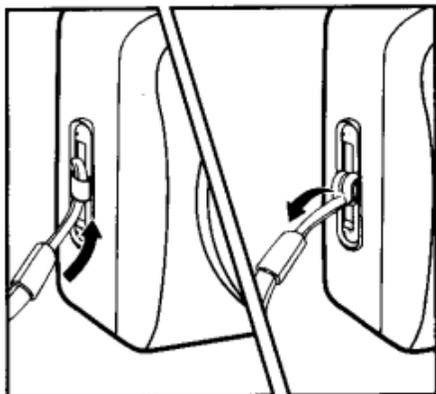


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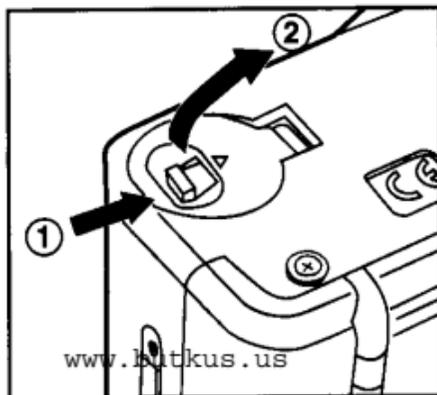


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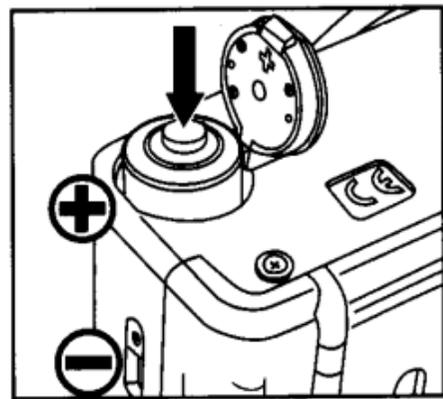


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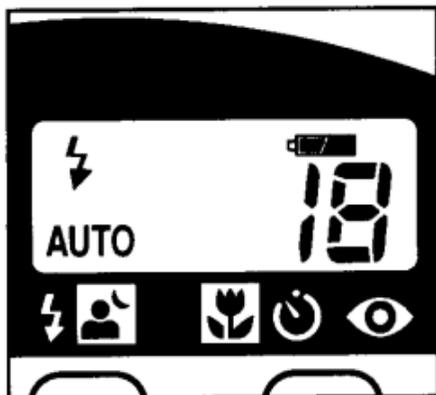
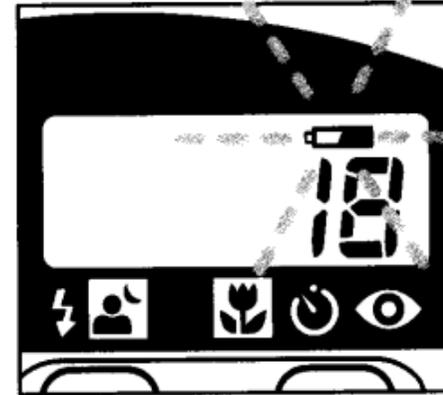
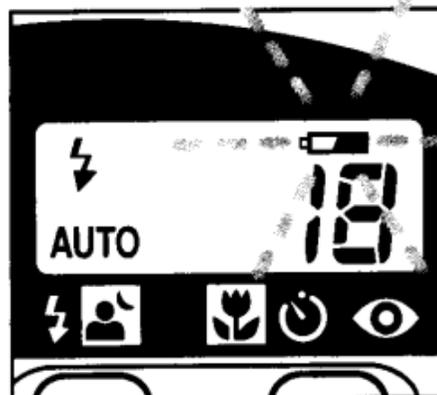


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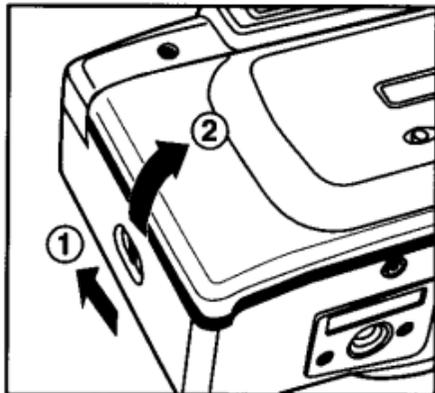


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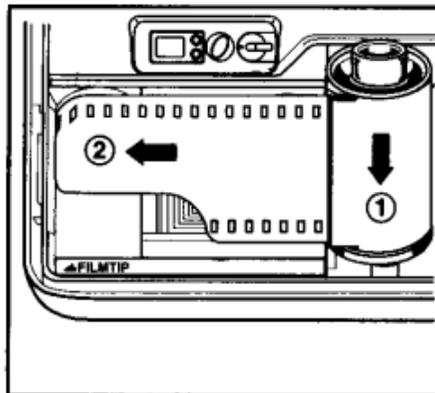
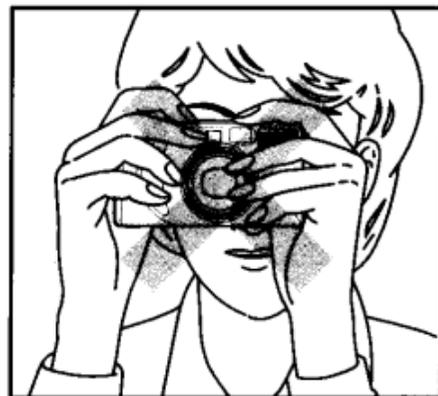
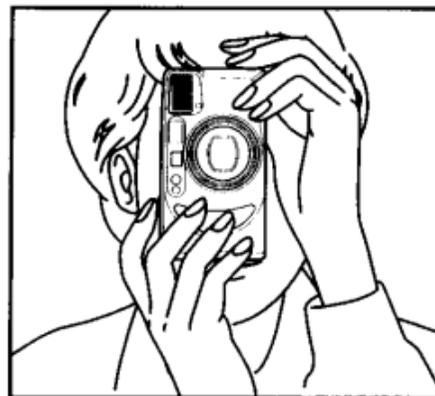


Abb.6 Fig. 6



Abb.7 Fig. 7



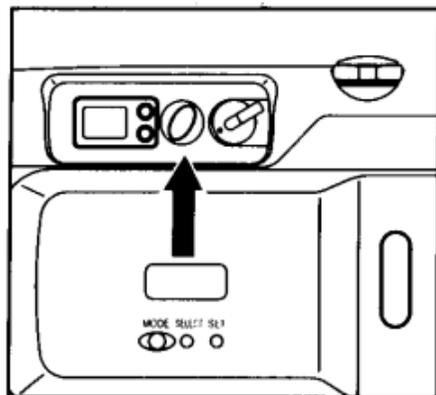


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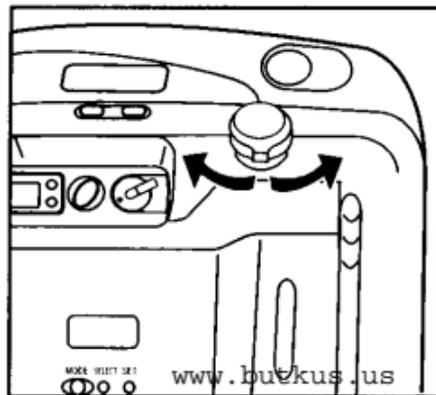


Abb.9 Fig. 9



Abb.10 Fig. 10

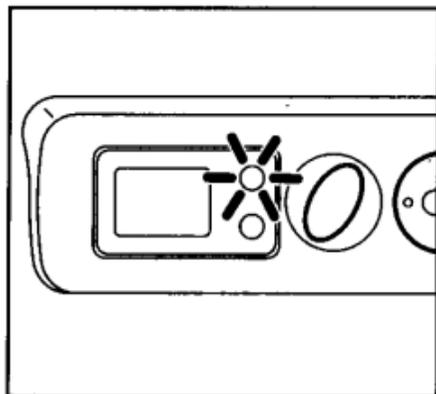


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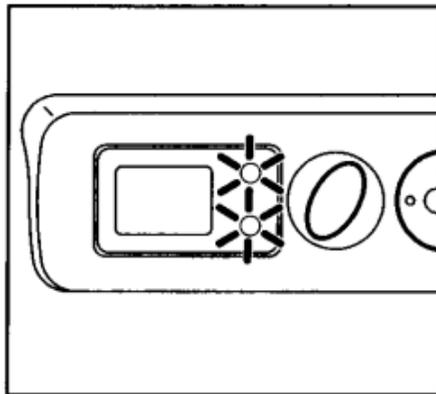


Abb.12 Fig. 12



Abb.13 Fig. 13



Abb.14 Fig. 14

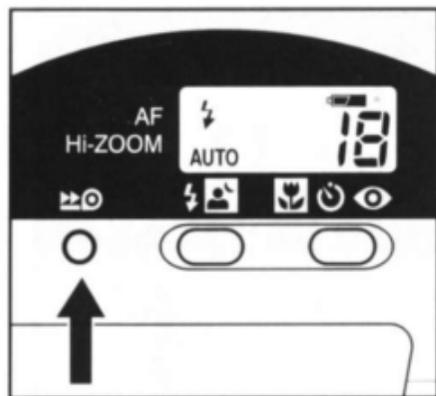


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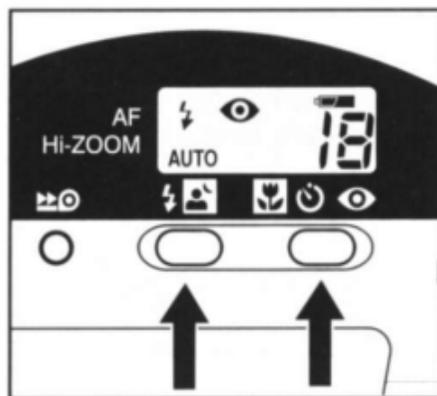


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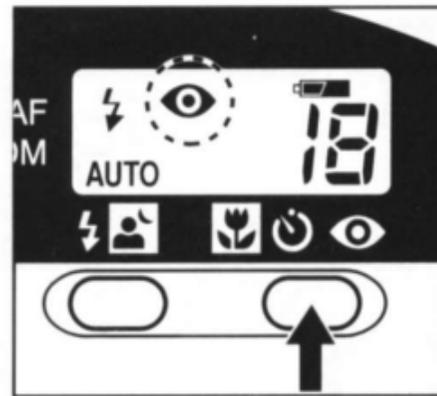


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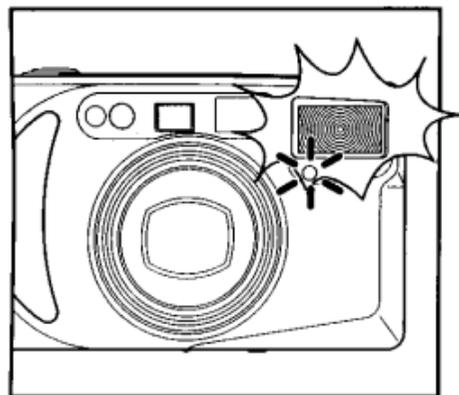


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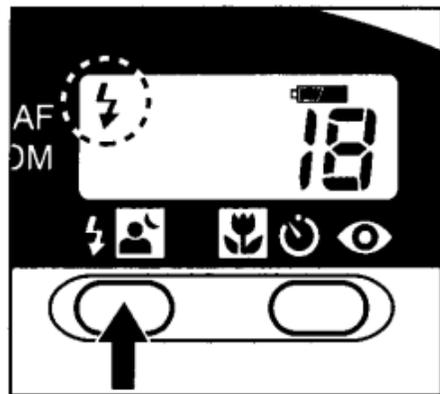


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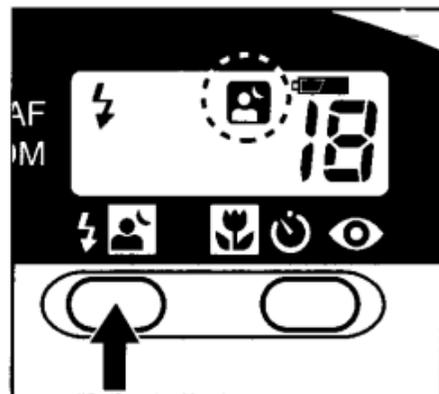


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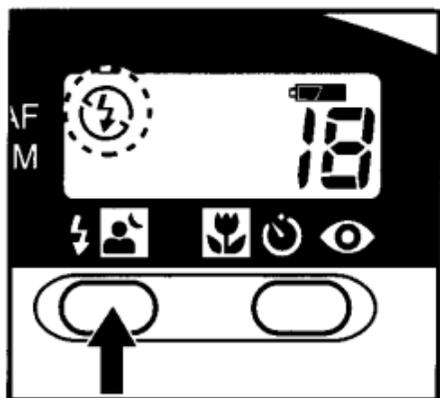


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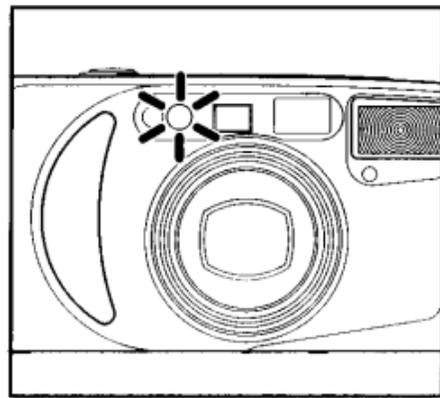


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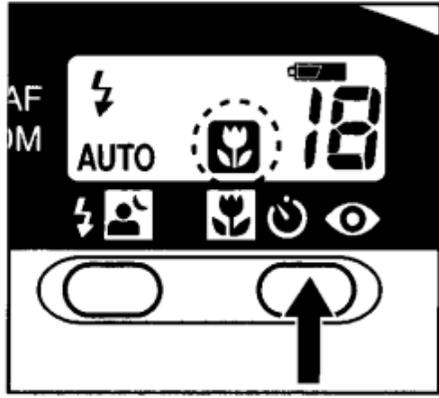


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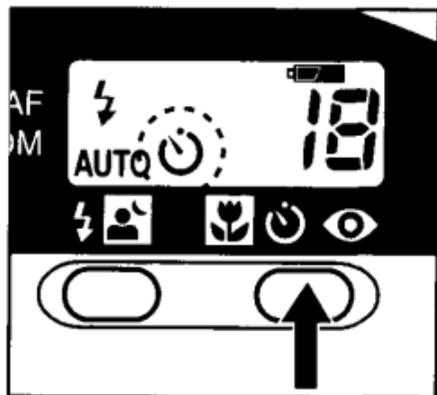


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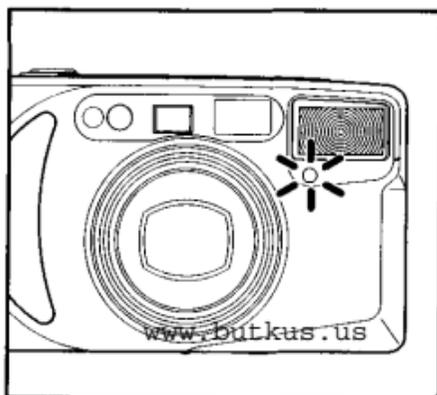


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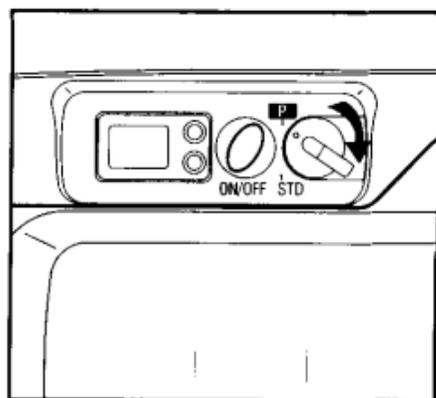


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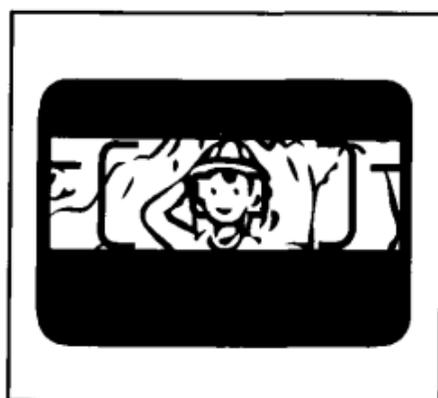
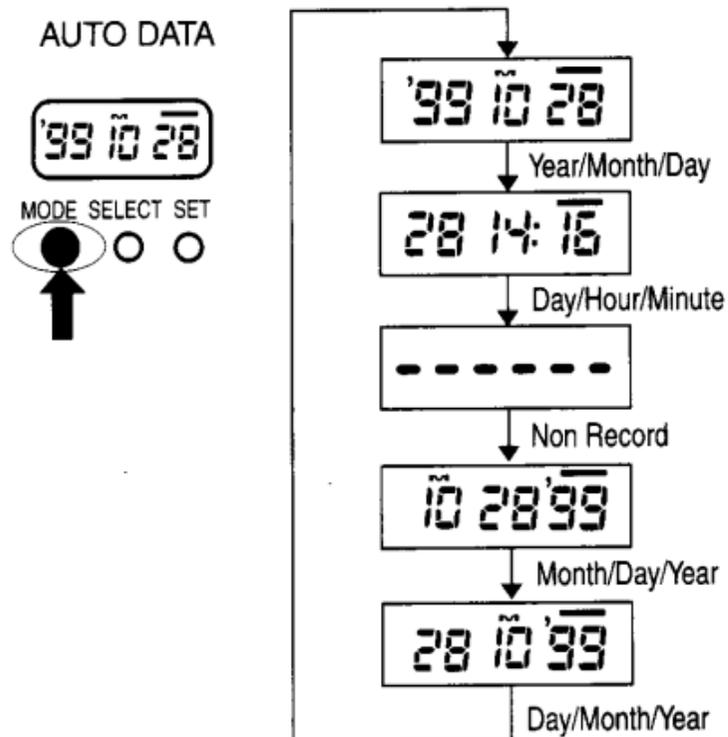
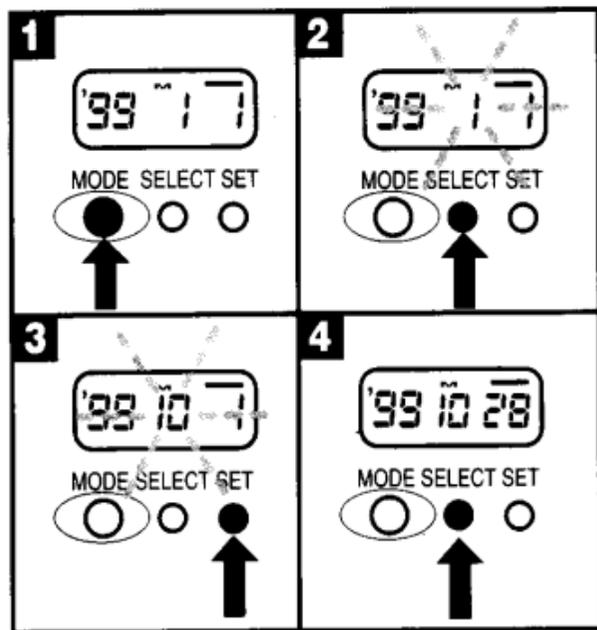


Abb.27 Fig.27

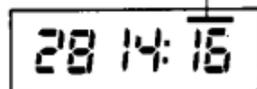
(Abb.A Fig.A)



(Abb.B Fig.B)



Record Mark





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Safe Use Guide

This product is to be used for taking photographs only and not for any other purpose. To insure safety, please use this product only as instructed and carefully read the information about the warning and precaution symbols for this product. These symbols will show you how to properly use this product, and avoid possible damage.

Warning:

This warning symbol indicates that incorrect use may result in death, severe injury, or other harm.

Precaution:

This precaution symbol indicates that incorrect use may result in death or serious injury. It also warns that damage to property may result.

-  This figure is a symbol for what not to do when using this product.

1. Warnings:

-  Never take this camera apart.
The electrical circuits within the camera have a very high voltage and may cause shocks.
-  Never put the battery in a fire, take it apart, or attempt to recharge it; a short circuit may cause explosion and severe injury.
-  Place batteries out of children's reach.
-  To avoid eye injury, don't shoot directly into the sun.
-  Place camera strap where children can't easily reach it.
-  To avoid choking, never wrap the camera strap around your neck.
-  To avoid burning or freezing your hand, don't touch the camera after it has been exposed to extreme heat or cold.

2. Precautions:

To avoid eye injury, don't point the flash directly into a person's eyes (especially children).

Please don't use the battery for any purpose other than in the camera. Improper use of the battery may result in fire or explosion.

- * Before photographing important events (for business, a wedding, or on vacation), take a few pictures before the event to make sure that the camera is operating normally.

No compensation will be paid if improper use of this camera results in losses (no photographic fees will be paid, for example).

Because it may be difficult to buy a battery in some areas (especially overseas), be sure to have spare batteries on hand if you plan to take important pictures.

3. How to Take Even Better Pictures:

- * Use a slow shutter speed at night or around dusk. Use a tripod or place the camera on a firm surface to steady the camera while photographing, thus avoiding blurry photos.
- * We recommend that you use high-sensitivity film in order to take better flash pictures and avoid blurriness (ISO 400 or above).
- ⊗ Be sure to keep the lens and viewfinder clean. Because the flash is very hot when operating, flash cover may become damaged or discolored when used if surface of the flash cover is dirty, or if touched with a gloved hand. Wipe the flash cover clean before use, and avoid touching or covering it with a gloved hand when taking photographs.

4. How to Extend the Camera's Life:

- ⊘ Do not leave the camera in a hot or damp place. For example, do not leave the camera in a car or car trunk exposed to direct sunlight.
- ⊘ Immediately wipe with a dry cloth if the camera gets sandy, wet, or exposed to rain or ocean spray.
- ⊘ Don't leave the camera close to any electrical appliances such as a television or refrigerator.
- ⊘ Don't leave the camera in a new cabinet or chest of drawers where it might be exposed to formaldehyde. Make sure the camera is not exposed to any pesticides. (These substances can cause deterioration of color film.)
- ⊘ Avoid exposing the camera to dust or sand. If it comes into contact with dust or sand, the camera's moving parts may be damaged.
- ⊘ In some circumstances if not careful the camera may be damaged beyond repair.
- ⊘ Never wipe the camera with any organic solvents such as alcohol or paint thinner.
- ⊘ The lens may fog up if the temperature suddenly changes — for example, when the camera is brought into a warm building on a cold day.
- ⊘ The camera is a delicate instrument; be careful not to drop it, hit it, or crush it during use.

Part Names (Page 1)

- ① LCD panel/ exposure counter
- ② Zoom lever
- ③ Auto-Focus assistant light during night-time
- ④ Shutter release button
- ⑤ Strap eyelet
- ⑥ "Redeye" reduction lamp / self-timer lamp
- ⑦ Mode button
- ⑧ Flash mode button
- ⑨ Mid-roll rewind button
- ⑩ Viewfinder window
- ⑪ Autofocus sensor window
- ⑫ Lens/lens cover
- ⑬ Photo meter window
- ⑭ Flash
- ⑮ Red light (flash charge indicator)
- ⑯ Back cover switch
- ⑰ Viewfinder eyepiece
- ⑱ Green light (autofocus indicator)
- ⑲ Film check window
- ⑳ Back cover
- ㉑ Battery compartment cover
- ㉒ Tripod screw socket
- ㉓ Standard/Panorama selector switch
- ㉔ Power switch
- ㉕ Date and time displayer
- ㉖ Automatic date/time selector/adjuster button

LCD Panel (Page 2)

This figure shows the LCD symbols as they appear when they are lit.

- A Battery symbol
- B Auto mode symbol
- C Red eye reduction mode symbol
- D Flash off mode symbol
- E Night view portrait mode symbol
- F Fill-in flash mode symbol
- G Close-up mode symbol
- H Self-timer mode symbol
- I Exposure counter

This camera uses the liquid crystal in the shooting display panel.

The LCD display darkens at high temperatures, and the response is slower at low temperatures.

The LCD returns to correct operating characteristics at normal temperatures.

Viewfinder

The finder is real image finder. It shows what the camera lens sees.

- A Picture size frame
- B Close-up (parallax correction) marks
- C Auto-focus frame (for wide Angle)
- D Auto-focus frame (for Telescope)
- E Green light (auto-focus lock and close-up warning signal)
- F Red light (flash and insufficient light warning indicator)

How to use the strap (Fig. 1)

The protruding part of the strap adjustment clip can be used to press the small buttons on the camera.

Loading the Battery (Fig. 2, 3, 4)

This camera cannot be used without a battery.

- (1) Push the switch on the battery compartment cover  in the direction of the arrow to open the battery compartment.
- (2) Load a new battery, making sure that the polarity of the battery is the same as the markings on the inside of the battery compartment cover. Close the battery cover with a click.
- (3) The battery is supplying enough power for operation if the battery symbol is shown in black on the LCD panel after the power has been turned on.

- (4) Use one CR123A or DL123A (3V) lithium battery.
 1. Sufficient power: battery power symbol displays a completely black battery image.
 2. Low power: battery power symbol displays a 1/2 empty and 1/2 black blinking image other symbols can be displayed as well. It is time to replace battery .
 3. No power: black 1/2 of the battery power symbol is blinking and camera can no longer take pictures. (Other symbols will disappear).

WHEN TO REPLACE THE BATTERY

To keep the camera in optimal operating condition, change the batteries as soon as possible if the low power battery power symbol appears .

BATTERY REPLACEMENT PRECAUTIONS

- 1) Turn off the power before replacing the battery.
- 2) Replace the battery as quickly as possible when there is film in the camera (the date display will automatically disappear five seconds after the battery has been removed; the date will have to be reset after a new battery is put in).

- 3) If the battery is replaced while the film is rewinding, the exposure counter may show a blinking non-"0" number after the film has fully rewound. Use the mid-roll rewind function to rewind the film if you encounter this situation; if the number on the exposure counter doesn't get any change, this indicates that the film is fully rewound.

Loading Film (Fig. 5, 6)

This camera uses 35mm (135) DX code film. The sensitivity of the film (ISO 50-3200) will be automatically set as soon as the film has been loaded.

- (1) Push back cover switch ⑩ in the direction of the arrow to open back cover ⑪.
 - * Be careful not to touch the lens inside the camera.
 - * Look at the film check window ⑫ to check whether there is film in the camera.
- (2) Loading the film: Put in the roll of film, pull out a little of the film, and make sure the film lies flat.
- (3) Make sure the end of the film is aligned with the FILM TIP symbol on the inside of the camera. Close the back cover.
- (4) After the back cover has been closed, the film will automatically advance until it is fully loaded and the first exposure is in place.

If the film has not advanced normally, a blinking "0" will appear in the film counter and the camera will not operate.

Open the back cover and try loading the film again if this happens.

Holding the Camera (Fig. 7)

- * Hold the camera with both hands and put your elbows against your body when taking vertical or horizontal pictures.
- * Always make sure the flash ⑬ is on top if you use the flash while holding the camera in a vertical position.
- * The photograph will look unnatural (especially portraits) if pictures are taken with the flash on the bottom.
- * Always be careful to avoid covering the lens ⑭, light meter ⑮, auto-focus sensor ⑯, or the flash ⑬.

with your finger, hair, or the camera strap.

- * Hold the camera firmly with both hands and lightly press the shutter release button.



The CE symbol indicates that this product meets EU regulations.

Taking a Picture (Fig. 8, 9, 10, 11)

- (1) Press power switch ④. Lens cover ① will open, and the lens barrel will extend to the picture-taking position (wide-angle position with 38mm focal length). The power will go on and the LCD panel ② will appear.
- * Wipe lightly with a dry cloth if the lens is dirty or dusty.
- (2) Look into the viewfinder ③. The lens will zoom to the telephoto position if you push the zoom lever ⑤ towards the  end (140mm telephoto

position).

- (3) The lens will zoom to the wide angle position if you push the zoom lever towards the  end (38mm wide angle position).
- (4) Position the subject of your photograph in the center of the picture frame (auto-focus frame).
- (5) Press shutter release button ⑥ halfway the green light ⑦ will light and begin Auto-Focusing. (If flash were needed, the red light ⑧ will light too) If Auto-Focus were no effect the green light ⑦ will be blink. you should be free the release button and mark the subject with auto-focus frame and then press shutter release button ⑥ halfway.
- (6) Press the shutter release button completed to take the picture; the film will advance to the next exposure.
- (7) Turn off the power by press down on the power switch when you are finished taking pictures. The lens will retract into the camera as soon as the power is off.

* If you've left the power on, after roughly five minutes have passed without using the camera, it will automatically turn off the power, the lens will retract, and the LCD panel will show the exposure number .

* Shooting distance:

38mm : 0.8 ~ ∞

140mm : 0.8 ~ ∞

Automatic Flash Photography(Fig. 12)

(1) Press the shutter release button half way—If green light  and red light  go on simultaneously, it means the flash will fire automatically when taking picture.

(2) Press shutter release button  all the way down to take a flash picture.

* The slowest shutter speeds in this mode are 1/45 sec. for wide angle and 1/70 sec. for close-up. Be sure to hold the camera steady.

* If the red light blinks after you have taken a flash picture, the flash is now recharging and the shutter will temporarily not operate.

* Use the "red eye" reduction mode when photographing a person with the flash.

Flash photography range:

ISO 100

(38mm) Wide angle: 0.8m~5.6m

(140mm) Telephoto: 0.8m~2.2m

ISO 400

(38mm) Wide angle: 0.8m~11.3m

(140mm) Telephoto: 0.8m~4.4m

Using the Focus Lock (Fig. 13)

Line up the subject in the auto-focus frame.

(1) Press shutter release button  half way until green light  goes on.

* The auto exposure (AE) will also lock when the focus lock is on.

- (2) Keep the shutter release button in this position while you compose the picture. Push the shutter button all the way down to take the picture.
- * The focus lock will be released if you take your finger off the shutter release button before taking a picture.
 - * The auto-focus will not operate properly if you try to take a picture of certain dim or gray objects, glare or reflective objects, extremely small objects, or objects that are covered in rain, mist, or smoke. If you wish to take a picture in one of these situations, set the focus lock by aiming the camera at another object with a similar brightness and distance.

Close-up Photography (Fig. 14)

The telephoto lens (140mm) may be used when the camera is 0.8m away from the subject.

- (1) Make sure the object is in the auto-focus frame when taking a picture of something 0.8~1m away.
- * The object will appear larger when the lens is extended to the 140mm telephoto position.
- (2) Line up the object in the close-up mark in the viewfinder window before pressing the shutter.
- * You can use the focus lock if the subject is not in the auto-focus frame.
 - * Press the shutter button half way. A flashing green light indicates that the distance is less than 0.8m (the picture may turn out blurry); try again after making sure the camera is far enough away.
 - * Taking an automatic photograph using a tripod will keep the camera from shaking.

Auto Rewind

- (1) The film will automatically rewind after the camera reaches the end of the roll.
 - (2) Rewinding will automatically stop after the film is completely rewound, and a blinking "0" will appear in the film counter LCD. Make sure you see this blinking "0" before opening the back cover. Open the back cover and remove the film.
- * If the film has gone past the standard number of exposures, the final two pictures may be double exposed.

Mid-roll Rewind (Fig. 15)

The film may be rewound before the roll is finished. Use the protruding part of the strap clip to press mid-roll rewind button  to rewind the film.

Using the Mode Button (Fig. 16)

The mode symbols appear in revolving order in the LCD panel if you press the mode button  or the flash mode button .

The camera will stay in a assigned mode until another mode has been selected.

- * The camera will start in the auto mode if the power is shut off and turned on again.

Red-eye Reduction Mode (Fig. 17, 18)

The so-called "red-eye" effect occurs when you take a flash photo of someone's face in a dark place and the flash reflects off the retina of the person's eyes. The "red-eye" reduction mode minimizes the red-eye effect by firing the flash only after the person's pupil has shrunk, by the red eye reduction lamp.

(1) Press the mode button until the red-eye reduction mode  symbol appears.

(2) When you take a picture of a person, the shutter will open, the red-eye reduction lamp will light first, and then the main flash will go off.

- * The flash will go off approximately 0.5 seconds after the “red-eye” reduction lamp lights. Make sure that the camera and the person being photographed are still during this brief time.
- * The flash will not work under bright conditions.
- * When taking flash pictures, select the slowest exposure time of 1/45 sec. in the wide angle mode and 1/70 sec. in the telephoto mode.

Flash On Mode (Fig. 19)

Using the flash on mode will help you take better-looking pictures of subjects that are back-lit (such as subjects under an overcast sky or people who are standing in front of a window indoors).

(1) Press the flash mode button until the flash on  symbol is displayed.

Daylight synchronous flash photographs can be taken if the flash is used when there is bright ambient light.

- * The slowest shutter speeds in this mode are 1/4 sec. ; take care not to shake the camera.
- * Change to the night portrait mode if light is insufficient.

Night View Portrait Mode (Fig. 20)

A slow-shutter synchronous picture may be taken if the object to be photographed is in the dark.

(1) Press the flash mode button until the night view portrait mode  symbol appears. An ultra-slow exposure of less than one second may now be taken in a dark place by aiming at the subject and pressing the shutter release button.

- * Automatic exposure is typically used when the flash is on standby. Automatic exposure will insure the exposure is accurate when taking pictures at dawn, at dusk, under an overcast sky, or for close-ups.
- * Use a tripod to avoid shaking the camera.

Flash Off Mode (Fig. 21)

The flash will not go off in this mode. This mode may be used to take pictures at twilight or nighttime, or in a museum where flash photography is forbidden.

(1) Press the flash mode button until the flash off  symbol appears.

- * Because the shutter speed may be very slow, use of a tripod is recommended.

Auto Focusing Red Light Reflector (Fig. 22)

When taking pictures at night or in a dark room, the auto focusing red light reflector will automatically fire in order to determine the distance.

- * We recommend that you use a tripod to hold the camera steady when taking pictures under dark conditions.

Close-up Mode (Fig. 23)

This mode will allow you to take crisp, clear close-ups of people, flowers, insects, etc.

- (1) Press the mode button until the close-up  symbol appears.
- (2) The following flash modes may be selected as desired:
 - * Automatic flash mode
 - * Flash on mode
 - * Flash off mode

Close-ups are generally taken in the automatic flash mode unless another flash mode is selected.

Self-Timer Mode (Fig. 24, 25)

- * Besides commemorative photos, the self-timer mode may also be used with any flash mode or the night view portrait mode.

- (1) Press the mode selection button until the self-timer mode  symbol appears. Press the shutter button and start the automatic timer.
 - * The focus and exposure will both lock as soon as the self timer starts.
- (2) The self timer will open the shutter after approximately 10 seconds.
 - * Press the self timer button while standing behind the camera.
 - * If you want to stop the self timer while it is running, either press the mode button again or turn the power off.

Using the Panorama Selector Switch

By using Panorama Mode to shoot landscapes or long-distance objects, you can achieve even sharper images.

1. Slide the Standard/Panorama Selector Switch ● up to the "P" mark side. **(Fig.26)**
 2. Set the subject you wish to take within the Panorama Frame, then press the Shutter Release Button to take a picture. **(Fig.27)**
- * To cancel the mode, simply slide to standard/Panorama Selector Switch.

How to Use the Automatic Date Printing Unit

This camera has a quartz clock-controlled automatic date printing unit that can record dates and times up to December 31, 2049.

Display Toggle (Fig. A)

Press the mode button to select the date, time, and whether or not to print it on the film.

- * The date unit must be reset after replacing the battery.

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Date and Time Adjustment (Fig. B)

- (1) Press the mode button until the year, month, and day appear on the display.
- (2) Press the select button to choose which number blinks.
- (3) Press the set button to change the blinking number.
 - * Press the set button repeatedly until the desired number is set.
- (4) Repeat steps (2) and (3) until the year, month, and day are all correct.
- (5) Press the select button again after all of the numbers have been changed. The numbers will stop blinking and the “ready” symbol (-) will appear above the numbers. The camera is now ready to be used.
 - * If you want to change the time, press the mode button to display the day, hour, and minute. Using the same method as was used to change the

date, repeat steps (2) and (3) above to change the time.

- * Press the select button after changing the time. After the “:” has started to blink, press the select button again to put the camera in the “ready” state.
- * To change the seconds, first make the “:” blink, and then use the set button to adjust the seconds. You can obtain the exact time from the radio or a time signal broadcast. Afterwards press the select button to put the camera in the “ready” state.

Specifications

Type:	35mm lens shutter camera with zoom lens and built-in flash.
Film:	35mm DX film (ISO50-3200); picture format: 24 x 36mm
Lens:	38mm /F3.9 ~ 140mm /F10, motor zoom lens
Shutter:	Electronically-programmed shutter
Shutter speed:	1/70~1/300 second (in automatic, red-eye reduction, and flash on modes) 1/4~1/300 second (in flash off mode) 1~1/300 second (in night view portrait mode) 1/70~1/300 second (in close-up mode)
Focusing:	Passive automatic focusing (includes focus lock function)
Focusing range:	Standard mode: 0.8m~infinity Close-up modes: 0.75m~1m (Tele) 0.5m~1m (Mid) 0.7m~1m (Wide)
Viewfinder:	Real image type (includes panorama mode option); coverage: 83% or greater Magnification: 0.32 x (38mm) ~ 1.12 x (140mm)
Flash:	Built-in flash, recharge time is 7 seconds

Flash range:	38mm (Wide): 0.8-5.6 m (ISO 100) 140mm (Tele): 0.8-2.2 m (ISO 100)
Photograph modes:	Functional modes: close-up, self timer, remote control, red-eye reduction Flash modes: Auto flash, flash on, flash off, night view portrait
Film transport:	Auto loading, auto advance, auto rewind (including mid-roll rewind)
Film speed:	ISO 50 ~ 3200 with auto setting,DX coded
Self-timer:	Electronically-controlled timer, approximately 10 seconds delay
LCD panel:	Exposure counter, photograph mode, battery symbol
Power Source:	CR 123 lithium battery ∞ 1
Dimensions:	66.5mm(height) x 120mm(width) x 56.7(depth)
Weight:	272.4g
Date printing:	5 modes, uses camera power, optional
Other:	Automatic shut-off function (after approximately 5 minutes), tripod socket

* Design and specifications are subjected to change without notice.

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Safe Use Guide

This product is to be used for taking photographs only and not for any other purpose. To insure safety, please use this product only as instructed and carefully read the information about the warning and precaution symbols for this product. These symbols will show you how to properly use this product, and avoid possible damage.

Warning:

This warning symbol indicates that incorrect use may result in death, severe injury, or other harm.

Precaution:

This precaution symbol indicates that incorrect use may result in death or serious injury. It also warns that damage to property may result.

-  This figure is a symbol for what not to do when using this product.

1. Warnings:

-  Never take this camera apart.
The electrical circuits within the camera have a very high voltage and may cause shocks.
-  Never put the battery in a fire, take it apart, or attempt to recharge it; a short circuit may cause explosion and severe injury.
-  Place batteries out of children's reach.
-  To avoid eye injury, don't shoot directly into the sun.
-  Place camera strap where children can't easily reach it.
-  To avoid choking, never wrap the camera strap around your neck.
-  To avoid burning or freezing your hand, don't touch the camera after it has been exposed to extreme heat or cold.

2. Precautions:

To avoid eye injury, don't point the flash directly into a person's eyes (especially children).

Please don't use the battery for any purpose other than in the camera. Improper use of the battery may result in fire or explosion.

- * Before photographing important events (for business, a wedding, or on vacation), take a few pictures before the event to make sure that the camera is operating normally.

No compensation will be paid if improper use of this camera results in losses (no photographic fees will be paid, for example).

Because it may be difficult to buy a battery in some areas (especially overseas), be sure to have spare batteries on hand if you plan to take important pictures.

3. How to Take Even Better Pictures:

- * Use a slow shutter speed at night or around dusk. Use a tripod or place the camera on a firm surface to steady the camera while photographing, thus avoiding blurry photos.
- * We recommend that you use high-sensitivity film in order to take better flash pictures and avoid blurriness (ISO 400 or above).
- ⊗ Be sure to keep the lens and viewfinder clean. Because the flash is very hot when operating, flash cover may become damaged or discolored when used if surface of the flash cover is dirty, or if touched with a gloved hand. Wipe the flash cover clean before use, and avoid touching or covering it with a gloved hand when taking photographs.

4. How to Extend the Camera's Life:

- ⊘ Do not leave the camera in a hot or damp place. For example, do not leave the camera in a car or car trunk exposed to direct sunlight.
- ⊘ Immediately wipe with a dry cloth if the camera gets sandy, wet, or exposed to rain or ocean spray.
- ⊘ Don't leave the camera close to any electrical appliances such as a television or refrigerator.
- ⊘ Don't leave the camera in a new cabinet or chest of drawers where it might be exposed to formaldehyde. Make sure the camera is not exposed to any pesticides. (These substances can cause deterioration of color film.)
- ⊘ Avoid exposing the camera to dust or sand. If it comes into contact with dust or sand, the camera's moving parts may be damaged.
- ⊘ In some circumstances if not careful the camera may be damaged beyond repair.
- ⊘ Never wipe the camera with any organic solvents such as alcohol or paint thinner.
- ⊘ The lens may fog up if the temperature suddenly changes — for example, when the camera is brought into a warm building on a cold day.
- ⊘ The camera is a delicate instrument; be careful not to drop it, hit it, or crush it during use.

Part Names (Page 1)

- ❶ LCD panel/ exposure counter
- ❷ Zoom lever
- ❸ Auto-Focus assistant light during night-time
- ❹ Shutter release button
- ❺ Strap eyelet
- ❻ “Redeye” reduction lamp / self-timer lamp
- ❼ Mode button
- ❽ Flash mode button
- ❾ Mid-roll rewind button
- ❿ Viewfinder window
- ⓫ Autofocus sensor window
- ⓬ Lens/lens cover
- ⓭ Photo meter window
- ⓮ Flash
- ⓯ Red light (flash charge indicator)
- ⓰ Back cover switch
- ⓱ Viewfinder eyepiece
- ⓲ Green light (autofocus indicator)
- ⓳ Film check window
- ⓴ Back cover
- ⓵ Battery compartment cover
- ⓶ Tripod screw socket
- ⓷ Standard/Panorama selector switch
- ⓸ Power switch
- ⓹ Date and time displayer
- ⓺ Automatic date/time selector/adjuster button

LCD Panel (Page 2)

This figure shows the LCD symbols as they appear when they are lit.

- A Battery symbol
- B Auto mode symbol
- C Red eye reduction mode symbol
- D Flash off mode symbol
- E Night view portrait mode symbol
- F Fill-in flash mode symbol
- G Close-up mode symbol
- H Self-timer mode symbol
- I Exposure counter

This camera uses the liquid crystal in the shooting display panel.

The LCD display darkens at high temperatures, and the response is slower at low temperatures.

The LCD returns to correct operating characteristics at normal temperatures.

Viewfinder

The finder is real image finder. It shows what the camera lens sees.

- A Picture size frame
- B Close-up (parallax correction) marks
- C Auto-focus frame (for wide Angle)
- D Auto-focus frame (for Telescope)
- E Green light (auto-focus lock and close-up warning signal)
- F Red light (flash and insufficient light warning indicator)

How to use the strap (Fig. 1)

The protruding part of the strap adjustment clip can be used to press the small buttons on the camera.

Loading the Battery (Fig. 2, 3, 4)

This camera cannot be used without a battery.

- (1) Push the switch on the battery compartment cover  in the direction of the arrow to open the battery compartment.
- (2) Load a new battery, making sure that the polarity of the battery is the same as the markings on the inside of the battery compartment cover. Close the battery cover with a click.
- (3) The battery is supplying enough power for operation if the battery symbol is shown in black on the LCD panel after the power has been turned on.

- (4) Use one CR123A or DL123A (3V) lithium battery.
 1. Sufficient power: battery power symbol displays a completely black battery image.
 2. Low power: battery power symbol displays a 1/2 empty and 1/2 black blinking image other symbols can be displayed as well. It is time to replace battery .
 3. No power: black 1/2 of the battery power symbol is blinking and camera can no longer take pictures. (Other symbols will disappear).

WHEN TO REPLACE THE BATTERY

To keep the camera in optimal operating condition, change the batteries as soon as possible if the low power battery power symbol appears .

BATTERY REPLACEMENT PRECAUTIONS

- 1) Turn off the power before replacing the battery.
- 2) Replace the battery as quickly as possible when there is film in the camera (the date display will automatically disappear five seconds after the battery has been removed; the date will have to be reset after a new battery is put in).

- 3) If the battery is replaced while the film is rewinding, the exposure counter may show a blinking non-"0" number after the film has fully rewound. Use the mid-roll rewind function to rewind the film if you encounter this situation; if the number on the exposure counter doesn't get any change, this indicates that the film is fully rewound.

Loading Film (Fig. 5, 6)

This camera uses 35mm (135) DX code film. The sensitivity of the film (ISO 50-3200) will be automatically set as soon as the film has been loaded.

- (1) Push back cover switch ⑩ in the direction of the arrow to open back cover ⑪.
 - * Be careful not to touch the lens inside the camera.
 - * Look at the film check window ⑫ to check whether there is film in the camera.
- (2) Loading the film: Put in the roll of film, pull out a little of the film, and make sure the film lies flat.
- (3) Make sure the end of the film is aligned with the FILM TIP symbol on the inside of the camera. Close the back cover.
- (4) After the back cover has been closed, the film will automatically advance until it is fully loaded and the first exposure is in place.

If the film has not advanced normally, a blinking "0" will appear in the film counter and the camera will not operate.

Open the back cover and try loading the film again if this happens.

Holding the Camera (Fig. 7)

- * Hold the camera with both hands and put your elbows against your body when taking vertical or horizontal pictures.
- * Always make sure the flash ⑬ is on top if you use the flash while holding the camera in a vertical position.
- * The photograph will look unnatural (especially portraits) if pictures are taken with the flash on the bottom.
- * Always be careful to avoid covering the lens ⑭, light meter ⑮, auto-focus sensor ⑯, or the flash ⑬.

with your finger, hair, or the camera strap.

- * Hold the camera firmly with both hands and lightly press the shutter release button.



The CE symbol indicates that this product meets EU regulations.

Taking a Picture (Fig. 8, 9, 10, 11)

- (1) Press power switch ④. Lens cover ① will open, and the lens barrel will extend to the picture-taking position (wide-angle position with 38mm focal length). The power will go on and the LCD panel ② will appear.
- * Wipe lightly with a dry cloth if the lens is dirty or dusty.
- (2) Look into the viewfinder ③. The lens will zoom to the telephoto position if you push the zoom lever ⑤ towards the  end (140mm telephoto

position).

- (3) The lens will zoom to the wide angle position if you push the zoom lever towards the  end (38mm wide angle position).
- (4) Position the subject of your photograph in the center of the picture frame (auto-focus frame).
- (5) Press shutter release button ⑥ halfway the green light ⑦ will light and begin Auto-Focusing. (If flash were needed, the red light ⑧ will light too) If Auto-Focus were no effect the green light ⑦ will be blink. you should be free the release button and mark the subject with auto-focus frame and then press shutter release button ⑥ halfway.
- (6) Press the shutter release button completed to take the picture; the film will advance to the next exposure.
- (7) Turn off the power by press down on the power switch when you are finished taking pictures. The lens will retract into the camera as soon as the power is off.

* If you've left the power on, after roughly five minutes have passed without using the camera, it will automatically turn off the power, the lens will retract, and the LCD panel will show the exposure number .

* Shooting distance:

38mm : 0.8 ~ ∞

140mm : 0.8 ~ ∞

Automatic Flash Photography(Fig. 12)

(1) Press the shutter release button half way—If green light  and red light  go on simultaneously, it means the flash will fire automatically when taking picture.

(2) Press shutter release button  all the way down to take a flash picture.

* The slowest shutter speeds in this mode are 1/45 sec. for wide angle and 1/70 sec. for close-up. Be sure to hold the camera steady.

* If the red light blinks after you have taken a flash picture, the flash is now recharging and the shutter will temporarily not operate.

* Use the "red eye" reduction mode when photographing a person with the flash.

Flash photography range:

ISO 100

(38mm) Wide angle: 0.8m~5.6m

(140mm) Telephoto: 0.8m~2.2m

ISO 400

(38mm) Wide angle: 0.8m~11.3m

(140mm) Telephoto: 0.8m~4.4m

Using the Focus Lock (Fig. 13)

Line up the subject in the auto-focus frame.

(1) Press shutter release button  half way until green light  goes on.

* The auto exposure (AE) will also lock when the focus lock is on.

- (2) Keep the shutter release button in this position while you compose the picture. Push the shutter button all the way down to take the picture.
- * The focus lock will be released if you take your finger off the shutter release button before taking a picture.
 - * The auto-focus will not operate properly if you try to take a picture of certain dim or gray objects, glare or reflective objects, extremely small objects, or objects that are covered in rain, mist, or smoke. If you wish to take a picture in one of these situations, set the focus lock by aiming the camera at another object with a similar brightness and distance.

Close-up Photography (Fig. 14)

The telephoto lens (140mm) may be used when the camera is 0.8m away from the subject.

- (1) Make sure the object is in the auto-focus frame when taking a picture of something 0.8~1m away.
- * The object will appear larger when the lens is extended to the 140mm telephoto position.
- (2) Line up the object in the close-up mark in the viewfinder window before pressing the shutter.
- * You can use the focus lock if the subject is not in the auto-focus frame.
 - * Press the shutter button half way. A flashing green light indicates that the distance is less than 0.8m (the picture may turn out blurry); try again after making sure the camera is far enough away.
 - * Taking an automatic photograph using a tripod will keep the camera from shaking.

Auto Rewind

- (1) The film will automatically rewind after the camera reaches the end of the roll.
 - (2) Rewinding will automatically stop after the film is completely rewound, and a blinking "0" will appear in the film counter LCD. Make sure you see this blinking "0" before opening the back cover. Open the back cover and remove the film.
- * If the film has gone past the standard number of exposures, the final two pictures may be double exposed.

Mid-roll Rewind (Fig. 15)

The film may be rewound before the roll is finished. Use the protruding part of the strap clip to press mid-roll rewind button  to rewind the film.

Using the Mode Button (Fig. 16)

The mode symbols appear in revolving order in the LCD panel if you press the mode button  or the flash mode button .

The camera will stay in a assigned mode until another mode has been selected.

- * The camera will start in the auto mode if the power is shut off and turned on again.

Red-eye Reduction Mode (Fig. 17, 18)

The so-called "red-eye" effect occurs when you take a flash photo of someone's face in a dark place and the flash reflects off the retina of the person's eyes. The "red-eye" reduction mode minimizes the red-eye effect by firing the flash only after the person's pupil has shrunk, by the red eye reduction lamp.

(1) Press the mode button until the red-eye reduction mode  symbol appears.

(2) When you take a picture of a person, the shutter will open, the red-eye reduction lamp will light first, and then the main flash will go off.

- * The flash will go off approximately 0.5 seconds after the “red-eye” reduction lamp lights. Make sure that the camera and the person being photographed are still during this brief time.
- * The flash will not work under bright conditions.
- * When taking flash pictures, select the slowest exposure time of 1/45 sec. in the wide angle mode and 1/70 sec. in the telephoto mode.

Flash On Mode (Fig. 19)

Using the flash on mode will help you take better-looking pictures of subjects that are back-lit (such as subjects under an overcast sky or people who are standing in front of a window indoors).

(1) Press the flash mode button until the flash on  symbol is displayed.

Daylight synchronous flash photographs can be taken if the flash is used when there is bright ambient light.

- * The slowest shutter speeds in this mode are 1/4 sec. ; take care not to shake the camera.
- * Change to the night portrait mode if light is insufficient.

Night View Portrait Mode (Fig. 20)

A slow-shutter synchronous picture may be taken if the object to be photographed is in the dark.

(1) Press the flash mode button until the night view portrait mode  symbol appears. An ultra-slow exposure of less than one second may now be taken in a dark place by aiming at the subject and pressing the shutter release button.

- * Automatic exposure is typically used when the flash is on standby. Automatic exposure will insure the exposure is accurate when taking pictures at dawn, at dusk, under an overcast sky, or for close-ups.
- * Use a tripod to avoid shaking the camera.

Flash Off Mode (Fig. 21)

The flash will not go off in this mode. This mode may be used to take pictures at twilight or nighttime, or in a museum where flash photography is forbidden.

(1) Press the flash mode button until the flash off  symbol appears.

- * Because the shutter speed may be very slow, use of a tripod is recommended.

Auto Focusing Red Light Reflector (Fig. 22)

When taking pictures at night or in a dark room, the auto focusing red light reflector will automatically fire in order to determine the distance.

- * We recommend that you use a tripod to hold the camera steady when taking pictures under dark conditions.

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This mode will allow you to take crisp, clear close-ups of people, flowers, insects, etc.

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- (2) The following flash modes may be selected as desired:
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 - * Flash on mode
 - * Flash off mode

Close-ups are generally taken in the automatic flash mode unless another flash mode is selected.

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Press the mode button to select the date, time, and whether or not to print it on the film.

- * The date unit must be reset after replacing the battery.

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- (1) Press the mode button until the year, month, and day appear on the display.
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- (3) Press the set button to change the blinking number.
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