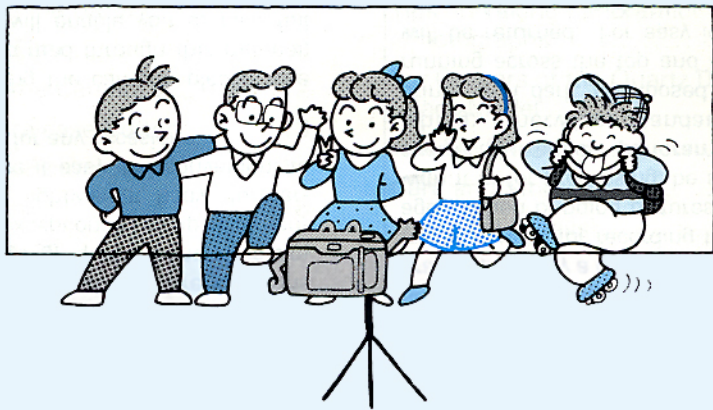




RIVA PANORAMA (QD) FREEDOM VISTA (QD)

E INSTRUCTION MANUAL



Congratulations on purchasing this unique camera. The Riva Panorama/Freedom Vista incorporates advanced autofocus and autoexposure functions to give you high-quality panoramic pictures. Its exceptionally compact dimensions and lightweight body, furthermore, make it easy and convenient to take along for any occasion.

Before using the camera, please take the time to read through this manual; doing so will enable you to take full advantage of its features, right from the start.

Special Note on Photofinishing

Although this camera uses 35mm film, it differs from typical 35mm cameras in that only a portion of the film frame is used for recording the image. When bringing pictures made with it in for processing, be sure to specifically request **panoramic** finishing; otherwise, standard-size prints with dark, unexposed bands running across the top and bottom will be returned. For easy identification of film exposed with this camera, stickers that can be attached to film cassettes are supplied.

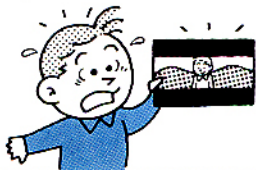
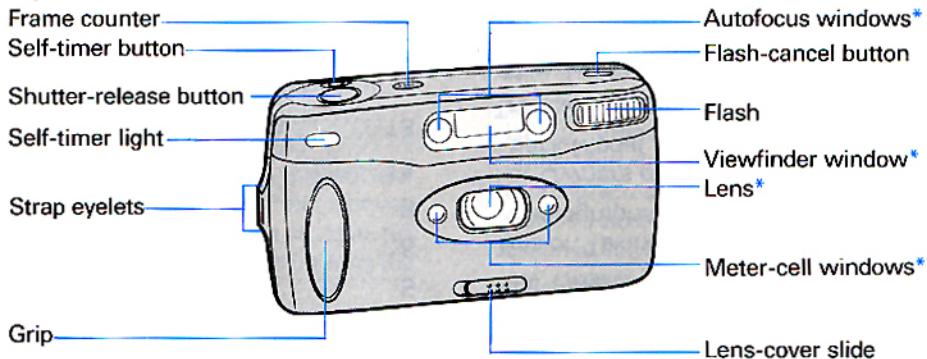


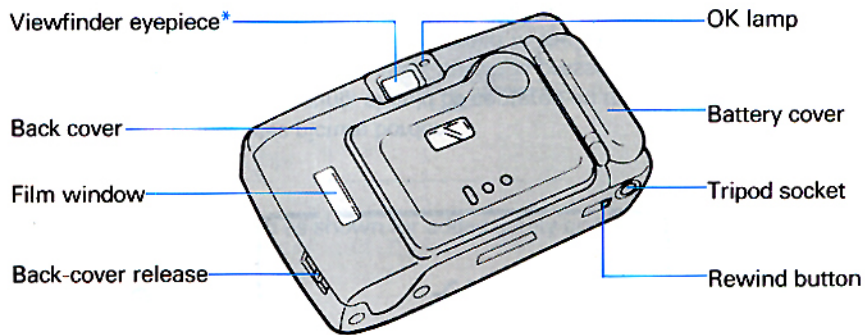
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NAMES OF PARTS

2

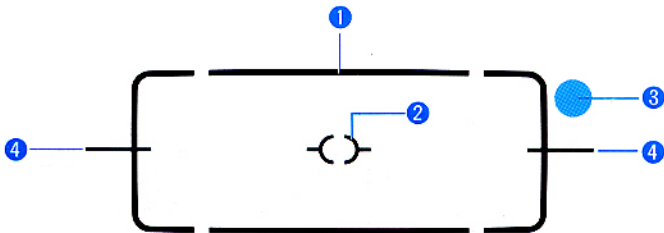




* Avoid touching these parts

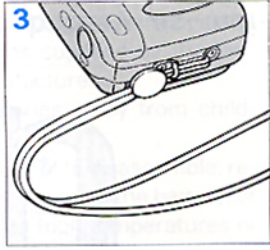
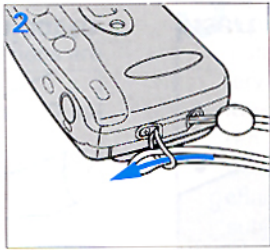
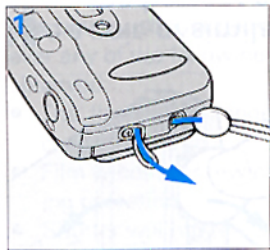
VIEWFINDER

4



- ① **Image frame:** Indicates picture borders
- ② **Focus frame:** When focusing, should be centered on the main subject
- ③ **OK lamp:** When the shutter-release button is pressed partway down, glows to indicate: 1) focus set on the subject framed in the focus frame, and 2) in cases where flash will be used, that the flash is charged
- ④ **Alignment guides:** Used optionally for composition alignment

ATTACHING THE STRAP



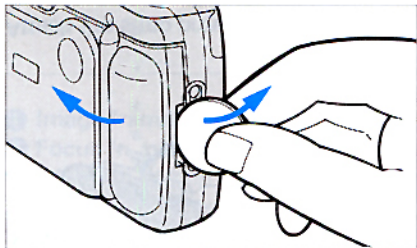
Attach the strap provided as shown for added safety and convenience.

INSTALLING THE BATTERY

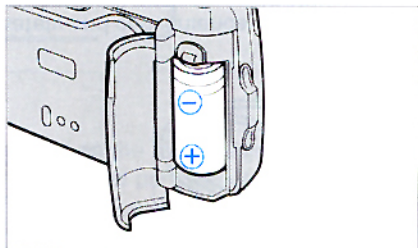
This camera is powered by a 3V lithium battery (CR123A).

6

*Just the way
it's shown in my battery
chamber.*



Use a coin or similar object to open the battery cover.



Insert the battery as indicated on the inside of the battery chamber, then snap the cover shut.

Low Battery Indications

The battery should be replaced whenever any of the following conditions are observed:

- The flash takes longer than 20 seconds to charge.
- Film winding or rewinding stops during operation
- Shutter will not release

When removing the old battery from the camera, the bottom end (+ terminal) should be pulled out first.

Battery Cautions

- Read and follow all warnings and instructions supplied by the battery manufacturer.
- Keep batteries away from children.
- Do not attempt to disassemble, recharge, or short out the battery, or subject it to high temperatures or fire. The battery may explode and cause burns.

LOADING FILM

8

*Auto threading?
Auto winding?
Auto film-speed setting?
Gee, this camera does everything
but take the picture.*



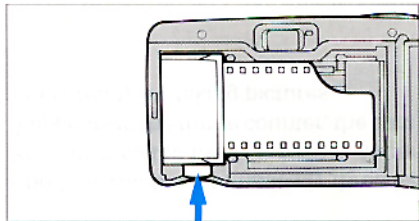
Only 35mm film can be used in this camera. For best results, we recommend using DX-coded negative film in the ISO 100 to 400 speed range. For taking pictures under low-light conditions, ISO 400 speed film is recommended for extended flash range.

If you use film that is not DX-coded, the film speed will be set to ISO 100. 72-exposure cartridges and Polaroid instant 35mm films cannot be used.

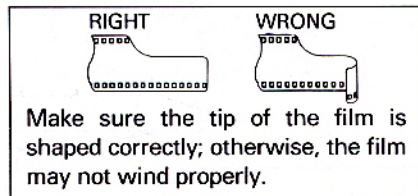


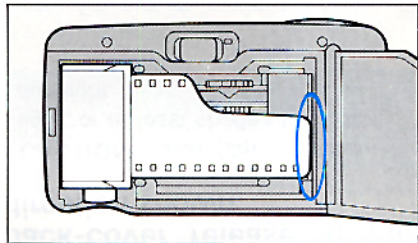
1 After checking that the frame counter is at 0, open the back cover by sliding the back-cover release in the direction shown.

CAUTION: Load film in subdued light, or at least shaded from direct sun light.

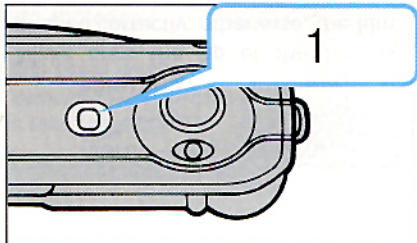
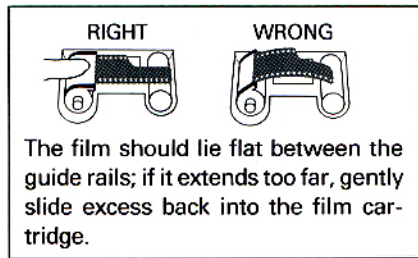


2 Insert the film cartridge into the film chamber as shown.



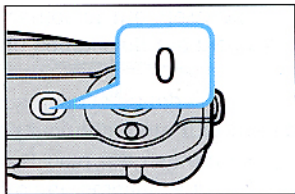


3 Extend the tip of the film over the take-up drum to the orange position-indicator, as shown.



4 Close the back cover.

The film will be automatically threaded and advanced to the first frame. When 1 appears in the frame counter, the camera is ready for taking pictures.



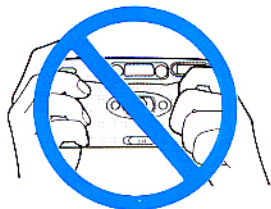
If the film isn't loaded correctly, when you close the back cover the camera's motor will run for about five to ten seconds then stop, and the frame counter will remain at 0. Open the back cover and reload the film correctly.

HOLDING THE CAMERA



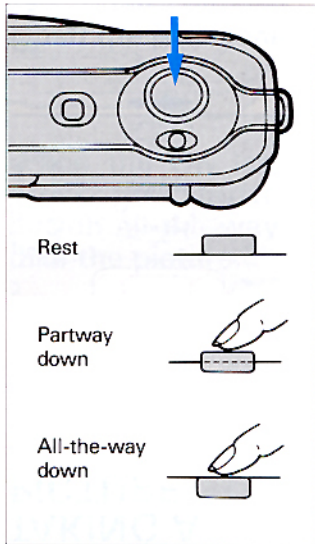
For greater stability and improved results when taking pictures, hold the camera as shown here. For vertically framed pictures, note that the camera should be held so that the flash is on top.

When composing the picture, be sure to look through the center of the viewfinder; if you look through the viewfinder at an angle, the recorded image may differ from the viewfinder image.



Make sure to keep your hands and the camera strap clear of the lens, flash, and meter-cell windows.

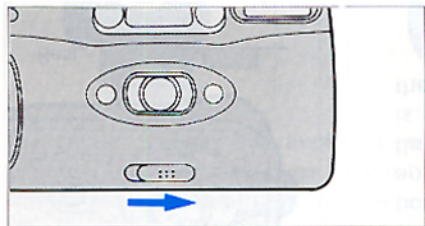
SHUTTER-RELEASE BUTTON



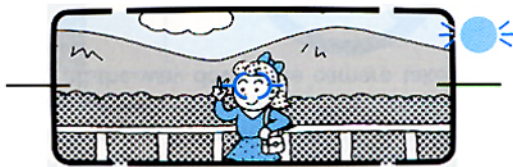
As illustrated here, the shutter-release button has, besides its rest position, two operating positions. At the pre-release, partway-down position the OK lamp glows to confirm that focus is set and, in cases where flash will be used, that the flash is charged; when the shutter-release button is pressed all-the-way down, the camera takes the picture.

TAKING A PICTURE

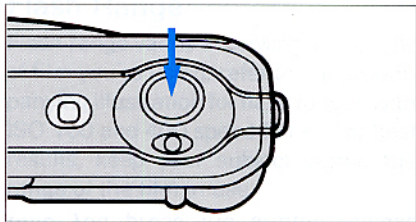
14



Open the lens cover.



While looking through the eyepiece, center the focus frame on your subject and press the shutter-release button partway down.



When the OK lamp glows, press the shutter-release button all-the-way down to take the picture.

- Make sure your subject is at least 0.9 meters (3 ft.) from the camera; subjects closer than 0.9 meters cannot be focused.
- For subjects about one meter away, slight image parallax occurs; frame the picture slightly higher than otherwise to avoid cropping your subject.
- After the picture is taken, the film advances automatically to the next frame. If the film stops advancing before the end of the roll, **DO NOT OPEN THE BACK COVER**; replace the battery to resume operation.
- When you are finished taking pictures, close the lens cover to protect the lens and prevent accidental exposures.

*Need flash?
Just leave
it to me.*



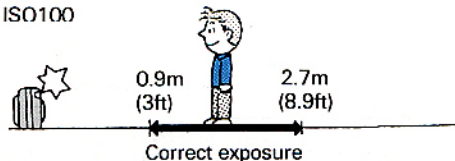
When required, the camera's flash fires automatically when the picture is taken. In cases where flash will be used, if the flash is not already charged at the time you press the shutter-release

button down, the shutter locks and the OK lamp will not glow; in such cases, briefly remove your finger from the shutter-release button to allow the flash to charge, then resume operation.

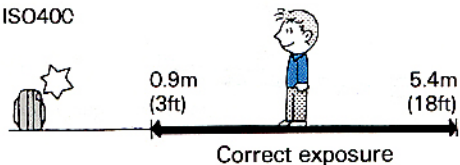
Flash Range

Flash range varies according to the type of film you're using; refer to the accompanying illustration for flash ranges with ISO 100 and 400 speed films. For best results, keep your subject within the range of the film in use.

ISO100

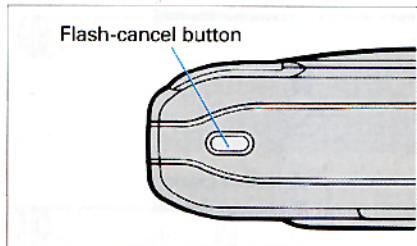


ISO400



- In pictures of people taken with flash, your subject's eyes may appear red. "Red-eye", as this effect is called, is caused by light reflected back into the lens from the subject's retinas, and will be more noticeable in some people than in others. To minimize red-eye, we recommend increasing the overall light level as much as possible, and getting as close as possible to the near end of the flash range.
- Always use care when taking flash pictures of people or animals since the flash discharge may be disturbing.

Flash Cancel

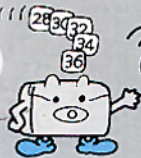


In certain situations — for instance, in a museum, or when photographing fireworks or twilight scenes — you may wish to take pictures without flash. To cancel the flash, simply keep the flash-cancel button pressed in while taking the picture.

If you operate the camera without flash in low-light situations, use of a tripod is recommended.

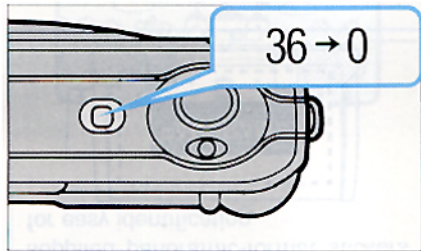
FILM REWIND

Not until my
frame counter's back
to 0 it isn't.



Wonder if it's
safe to remove
the film yet?

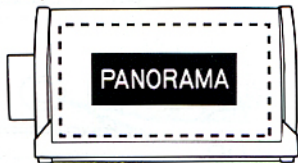
Automatic Film Rewind



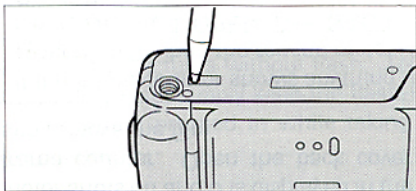
About four seconds after the last frame is exposed, automatic film rewind begins. When rewind is complete, the motor shuts off and 0 is displayed in the frame counter. Open the back cover and remove the film.

If the frame counter shows anything other than 0 when the rewind motor stops, **DO NOT OPEN THE BACK COVER**. Replace the battery and wait until rewind is complete before opening the back cover.

When you remove the film cassette, we recommend attaching one of the supplied panoramic-format stickers for easy identification.



Manual Start of Film Rewind



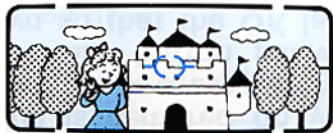
To rewind the film before the last frame is exposed, use a ball point pen or similar object to press the rewind button located at the bottom of the camera.

FOCUS HOLD

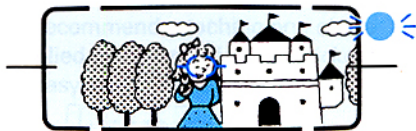
But what if my main subject isn't in the center of the picture?



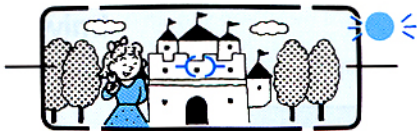
No sweat. Just use focus hold.



Focus hold is handy for photographing scenes in which your main subject (i.e., the subject that you want to be in sharpest focus) is positioned outside the viewfinder's focus frame. Operate focus hold as illustrated on the next page.



1 Aim the camera so the focus frame is centered on your subject, then press the shutter-release button partway down so that the OK lamp glows.



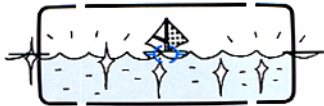
2 Keeping the shutter-release button pressed partway down so that the OK lamp continues to glow, recompose the viewfinder frame as required and then press down all the way to take picture.

Focus hold is easily canceled by removing your finger from the shutter-release button.

SPECIAL FOCUSING SITUATIONS

Focus hold is also useful for obtaining accurate focus on certain types of subjects that might otherwise be difficult or impossible to autofocus directly. In cases like those listed below, use focus hold to set the focus distance on another object at the same distance from the camera as your subject.

- Bright light sources such as the sun or neon lights
- Highly reflective surfaces such as water, mirrors, etc.



- Flame, fireworks, etc.
- Dark objects and surfaces with low reflectance
- Objects behind glass, bars, or other such partitions



Objects significantly smaller than the focus frame as seen through the viewfinder

SELF-TIMER

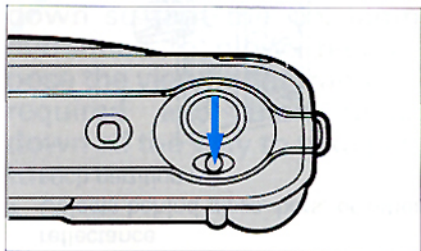
24



Now to put myself
into the picture!

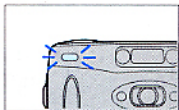


1 Center the focus frame on your subject.



2 Press the self-timer button.

- The picture will be taken about ten seconds after you press the self-timer button; during operation, the red self-timer light on the front of the camera glows.



- Focus hold can be used together with the self-timer. In this case, center the focus frame on your subject, press the self-timer button and then, with the self-timer running, recompose the picture frame as desired; focus remains locked on your subject until the picture is taken.

- In situations requiring flash, if the flash isn't already charged when you press the self-timer button, the self-timer will not operate; wait a moment for the flash to charge, then press the self-timer button down again.
- Flash cancel and self-timer functions can be used together.
- Self-timer operation can be canceled by closing the lens cover.



Tips on Taking Panoramic Photographs



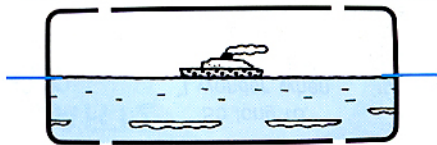
Panoramic-format photography is especially suitable for wide subjects, such as the group portrait shown here.



Creating an impression of depth, for which panoramic photography is well suited, can be facilitated by including a foreground subject in the scene.



The viewfinder's alignment guides are convenient for creating a balanced composition; by aligning them with a picture element — for instance a horizon line or a building — you can easily arrange a well-balanced image.

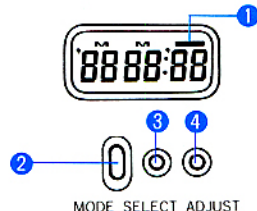


FOR OWNERS OF THE QUARTZ DATA BACK MODEL

So long to,
"I wonder when
we took that
picture."

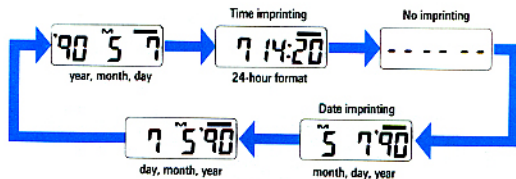


Names of Parts



- 1 Print indicator
- 2 MODE button
- 3 SELECT button
- 4 ADJUST button

Mode Selection



The data back enables you to record the date, in a choice of three year/month/day formats, or time (day/hour/minute) directly onto the film. It features—a quartz clock and automatic calendar through the year 2019, and automatically controls the imprint exposure according to the camera's film-speed setting. With the camera held horizontally, the data is recorded onto the lower right portion of the image; in the vertical format, imprinting occurs on the lower left portion of the image.



Setting Data

Use the **SELECT** button to move between different parts of the displayed data. With the date displayed, pressing the **SELECT** button in succession causes the settings for year, month, and then day to blink. In time mode, pressing the **SELECT** button successively causes the hour, minute, and then the colon to blink. The **ADJUST** button is used to change the blinking display. In time mode, pressing the **ADJUST** button while the colon is blinking synchronizes the seconds counter to 00.

Data Imprinting

Press the **MODE** button to select the desired data imprint mode, then take the picture. Following exposure, the print indicator blinks in the data panel for approximately two seconds to confirm imprinting.

- The imprinted data may be difficult to read if the subject area over which it is superimposed is bright or non-uniform.
- Legibility of the imprinted data may vary somewhat with film type.
- Size and position of the imprinted data may vary somewhat depending on the processing facility.

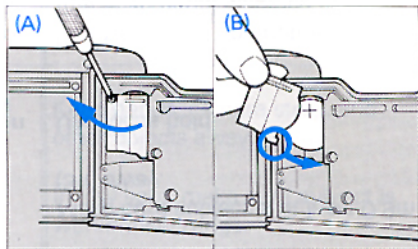
Care and Storage

This unit is designed for use between 0 and 40°C (32 and 104°F). At temperatures above or below this range, LCD and imprinted data may become difficult to read. Even higher temperatures may cause the LCD to temporarily blacken.

Battery Replacement

A single 3V lithium (CR 2025 or equivalent) battery that is supplied with the data back supplies power for the clock, liquid crystal display, and data imprinter. When the data back's display dims or becomes difficult to read, the battery should be replaced.

Warning: Keep batteries away from children.



To replace the battery: Remove the battery cover by turning the attaching screw with a small Phillips screwdriver (A). Take out the old battery using a ball-point pen or similar object, then insert a fresh one so that its plus side (+) faces up. Reinsert the battery cover (B) and fasten with the attaching screw. Following battery replacement, reset the date and time.

Problem	Cause	Solution
Entire picture blurred	Camera movement	Hold camera steady and release shutter gently.
Subject out of focus	Autofocus windows obstructed	Keep hands, camera strap, and other objects away.
	Subject too close to camera	Make sure subject is at least 0.9m (3ft) away.
	Focus frame not on main subject	Use focus hold.
	Special focusing situation	Use focus hold on another subject that is an equal distance away.

Picture foggy or has blurry areas	Dirty Lens	Clean lens as explained in Care and Storage section.
Picture too dark, or partial picture	Lens or flash obstructed Subject beyond flash range	Keep hands, camera strap, and other objects away. In low light, make sure subject is within flash range.
Shutter cannot be released	Lens cover closed Battery is exhausted Flash charging	Open lens cover. Replace battery. Wait for the OK lamp to glow.

CARE AND STORAGE

- If the lens becomes dirty, clean it gently with a lens brush. If necessary, moisten a sheet of lens tissue with one drop on lens-cleaning fluid and gently wipe the lens. Never touch the lens surface with your fingers.
- Never use alcohol or chemical solvents on the camera body. If it is dirty, wipe it gently with a soft, clean, dry cloth.
- Never subject the camera to shock, high heat, or humidity. Be particularly careful not to leave it in the glove compartment or other places in motor vehicles where it may be subjected to high temperatures.
- This camera is designed for use between -10 and 40°C (14 to 104°F).
- Using the camera at very low temperatures impairs its performance. In cold weather, carry the camera inside your coat to keep it warm. Do not transfer the camera directly from an extremely cold to warm area, since condensation may form inside and prevent normal operation.
- Do not let the camera get wet. Water seepage could result in costly or irreparable damage to internal parts.
- Entry of sand, salt, or other grit may cause costly or irreparable damage to the camera. Use extra care when taking pictures at the beach.

- When not in use, keep the camera in a cool, dry place away from dust and chemicals. For extended storage we recommend that you place the camera in an airtight container with a drying agent such as silica gel.
- This camera contains high-voltage circuits. Do not attempt to disassemble or repair it yourself.
- This camera's circuitry may switch off, even when a battery with sufficient power is installed. To resume operation, remove the battery and install it again.
- If you have questions about your camera, contact your local camera dealer. For more information write to the Minolta distributor or subsidiary in your area (addresses listed at the back of this manual).
- To assure prompt service, please contact an authorized Minolta Service Center before shipping your camera for repairs.

TECHNICAL DETAILS

Type: 35mm autofocus compact camera for panoramic-format pictures

Lens: 24mm f/4.5; five elements in five groups; angle of view: 74° horizontally, 30° vertically, 77° diagonally

Focusing: Infrared autofocus with cancelable focus hold; focus range: 0.9m to infinity

Exposure system: Programmed auto-exposure with dual-cell, CLC (Contrast Light Compensation) metering; exposure range (ISO 100): EV 7 to EV 17

Flash system: Flash fires automatically when required; shutter lock while flash is charging; recycling time: 5 sec.; shutter speed set between 1/200 and 1/4 sec. when flash is canceled

Film-speed setting: Automatically set to ISO 100 for DX-coded films rated slower than ISO 400, or to ISO 400 for DX-coded films rated ISO 400 or faster; ISO 100 set for films without DX-coding

Viewfinder: Bright-frame type with panorama frame lines, focus frame, alignment guides; OK lamp; magnification: 0.5X; image area: 83% coverage at 3 meters

Controls: Lens-cover slide (automatically switches camera on and off), shutter-release button, flash-cancel button, rewind button, self-timer button

Film transport: Automatic threading, auto advance to first frame, auto winding, auto rewind and auto rewind stop

Self-timer: 10-second delay of shutter release; operation indicated by glowing red light on front of camera; cancelable

Other: Mechanical frame counter advances after each picture, counts backwards during film rewind

Power: 3V lithium battery (CR123A or DL123A) powers camera operation

Battery performance: Approximately 25 rolls (based on Minolta's standard test method, using 24-exposure film with flash in 50% of exposures)

Dimensions: 114.5 X 61.5 X 33*mm
(4-1/2 x 2-7/16 x 1-5/16 in.)

*QD model: 34mm

Weight (without battery): 170g (6 oz.)

Specifications are based on the latest information available at time of printing and are subject to change without notice.

Minolta Camera Co., Ltd.

Minolta GmbH

Minolta France S.A.

Minolta (UK) Limited

Minolta Austria Gesellschaft m.b.H.

Minolta Camera Benelux B.V.

Belgium Branch

Minolta (Schweiz) AG

Minolta Svenska AB

Minolta Corporation

Head Office

Los Angeles Branch

Chicago Branch

Atlanta Branch

Minolta Canada Inc.

Head Office

Montreal Branch

Vancouver Branch

Minolta Hong Kong Limited

Minolta Singapore (Pte) Ltd.

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