

Ricoh myport 310 super

This camera manual library is for reference
and historical
purposes, all rights reserved.

This page is copyright by mike@butkus.org, M. Butkus, NJ.

This page 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

[Back to main camera manual page](#)

If you find this manual useful, how about a donation of \$3 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 help me to continue to host this site,
buy new manuals, and pay their shipping costs.**

It'll make you feel better, won't it?

If you use Pay Pal, use the link below.

Use the above address for a check, M.O. or cash.



www.PayPal.me/butkus

Venmo @mike-butkus-camera



CONTENTS

Locating the Controls15

Main Features 16

Before using 16

Attaching the Strap

Inserting the battery16

Power Switch and checking the battery17

Loading the film18

Setting the film speed18

Holding your camera19

Viewfinder . . . 20

Zooming the lens 20

Macro photography20
Auto-focus shooting (Multi Autofocus)21
Single AF Mode (Pre-focus shooting)22
Auto film rewinding	23
Flash photography	23
Auto backlight control/Auto fill-in flash	23
Flash Modes - - - -	24
Red Eye Reduction Mode	24
Flash-Off Mode	25
Flash-On Mode . - - - - -	25
Slow Synchro Mode	26
Red Eye Reduction Slow Synchro Mode	26
Creative modes	26
Infinity/Super Night Mode	27
Continuous Shooting Mode . .	28
TV Mode .. - - - - -	28
Panorama pictures	29
Using the self-timer	
Remote Control Unit (RC-3) (Sold separately).....	

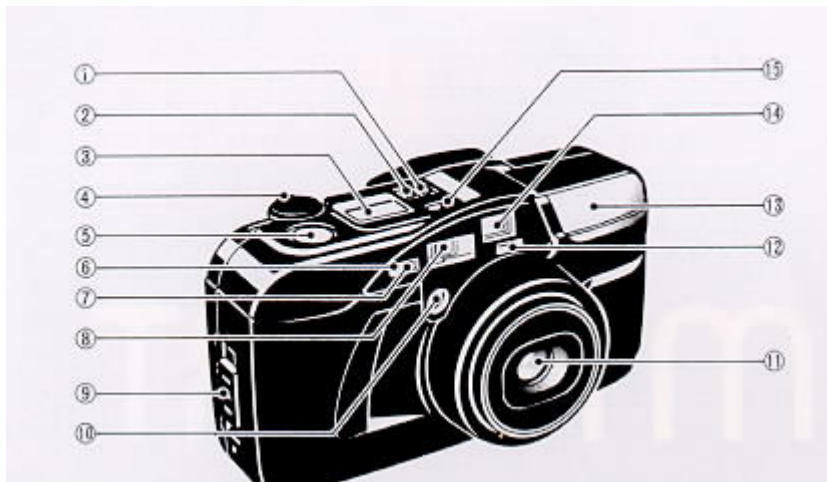
(Optional) Databack settings 32

Proper care of your camera

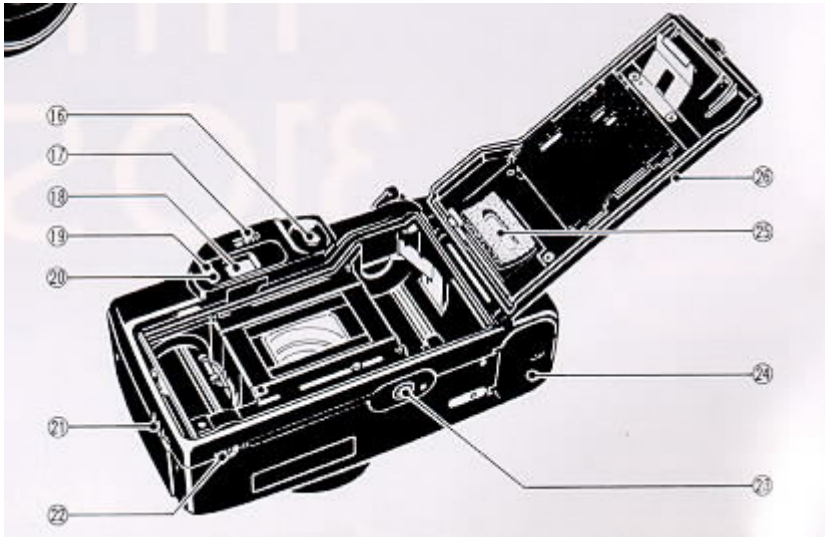
Major specifications..

We are most gratified that you have selected a RICOH camera. Before using your camera, please be sure to read these instructions carefully.

LOCATING THE CONTROLS



- (1) Flash Button
- (2) Mode Button
- (3) LCD Panel
- (4) Zoom Lever
- (5) Shutter Release Button
- (6) Photocell
- (7) Self -timer LED
- (8) Distance Measuring Window
- (9) Strap Holder
- (10) AF Auxiliary Light Window
- (11) Lens
- (12) Remote Control Sensor



- (13) Built-in Flash
- (14) Viewfinder Window
- (15) Self-timer/Remote Control Button
- (16) Power Switch
- (17) Panorama Switch
- (18) Viewfinder
- (19) AF Monitor
- (20) Flash Monitor
- (21) Back Cover Latch
- (22) Safety Lock
- (23) Tripod Socket
- (24) Battery Compartment Cover
- (25) Film Loaded Window
- (26) Back Cover

MAIN FEATURES

- Light and compact with built-in 38-110 mm **Zoom Lens**
- 7 point Multi Autofocus System in 1707 (Measuring) steps
- Red Eye Reduction Mode

- Remote Control Unit (sold separately)
- Switchable panorama (Mid-roll)
- Safety Lock
- Creative Modes (Continuous Shooting, Infinity/ Super Night, TV, etc.)

BEFORE USING

--A fast film such as ISO 200 or ISO 400 is recommended to prevent blurring and to obtain a longer flash range.

-- When focusing is difficult or impossible, AF monitor blinks to warn you that an out-of-focus picture will occur. Set infinity/super night mode or use focus lock function. (page 22, 26)

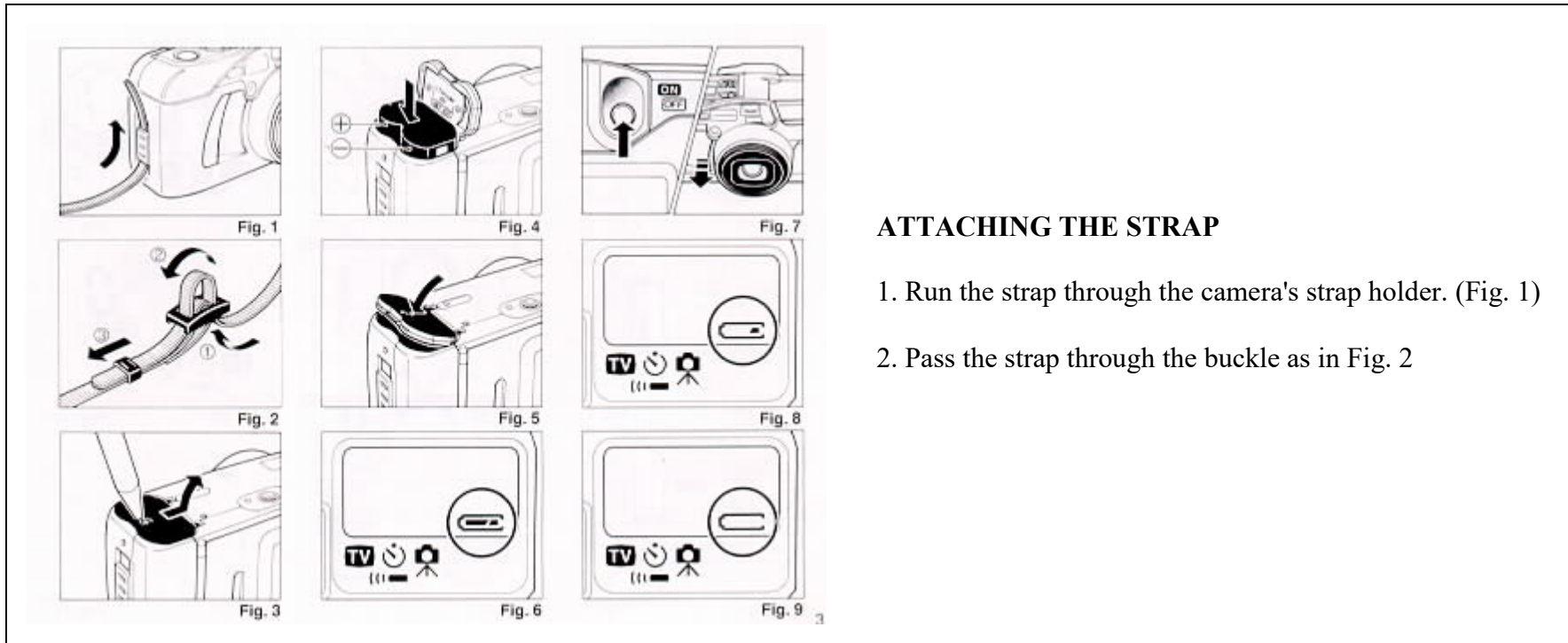
--This camera has a high voltage circuit. Because it is **dangerous, do not attempt to take the camera apart.**

-- Do not hold the camera by the lens

-- Before taking important pictures (at weddings, on trips abroad, etc.) test the camera and learn how it works.

Images for figures 1- 64 and examples 1- 8

Click and print each individual page if needed



INSERTING THE BATTERY

The camera will not operate unless the battery is installed. It is important to make sure that the battery is installed correctly.

1. Use a pen to push the Battery Compartment Cover Latch in the direction of the arrow and pull open the cover. (Fig. 3)

2 Insert the recommended 6 volt lithium battery, contact end first checking that the + and -- on the battery are aligned according to the polarity diagram inside the battery compartment (Fig. 4)

3 Close the Battery Compartment Cover by pushing it in the direction of the arrow until it locks firmly in place. (Fig. 5)

* With the battery inserted correctly, the Battery Condition Mark Am: appears on the LCD Panel when the power switch is pushed. (Fig. 6)

* Do not remove the battery from the camera until you are ready to replace it

* When replacing the battery, do so as quickly as possible to avoid erasing camera memory We recommend replacing the battery when there is no film in the camera

Recommended Replacement 6V Lithium Batteries

Include:

Lithium battery (6V), Panasonic CRP2p, Duracell DL223A, Kodak K223LA, or equivalent

POWER SWITCH & CHECKING THE BATTERY

POWER SWITCH


Each time you push the Power Switch in the direction of the arrow, it switches from OFF to ON, and vice

versa. The lens moves from the Storage Position to the Wide Angle Position, and the camera sets everything automatically. At the same time, the display on the LCD Panel appears. (Fig. 7)

CHECKING THE BATTERY

1. The  symbol is displayed on the LCD Panel when battery power is sufficient.

2. When the battery is nearly exhausted, the  symbol will appear. Replace with a new battery as soon as possible. (Use of flash at this time is not recommended.) (Fig. 8)

3 When the battery is completely exhausted the  symbol will be displayed or the symbol disappears completely Replace with a new battery (Fig. 9)

* In extremely cold temperatures, the battery mark may display the C symbol. (In cold temperatures, the battery voltage is reduced) You may be able to use the camera if you remove the battery and warm it up

* If the battery voltage is insufficient, the shutter may not release or the film may not advance completely In the following cases, replace the battery

- 1) When power switch does not switch on.
- 2) When the battery mark displays the C symbol
- 3) When the shutter does not release.

- 4) When Film Advance and Rewind cannot be done
 5) When the Self-Timer does not function.

* To avoid tripping the shutter inadvertently and wasting battery power, always turn the Power Switch off when you are not taking pictures.

* If the camera is left unoperated (switches and buttons are not operated) for about 3 minutes or more, the power automatically switches off, the display disappears from the LCD Panel and the lens returns to the Storage Position. The purpose of this function, called Auto Power OFF, is to prevent waste of battery power. When the power is turned off by Auto Power OFF, previously set modes may be lost. Reset the modes if you wish to continue shooting with the same modes as before

LOADING THE FILM

Always avoid direct sunlight when loading the film.

1. Push the Back Cover Latch Downward to open

* When the Safety Lock on the bottom of the camera is in the 'ON' position, the back cover cannot be opened. Slide the lock to the "OFF" position to open the back cover. (Fig. 10)

2. Load the film cassette into the Film Chamber and pull out enough film leader to extend past the mark of the film leader position (Fig. 11, 12)

* If there is any dust on the inside lens surface, use a blower to blow the dust away.

3. Make sure the film stays within the Film Guides and lies flat. (Fig. 13,14)



Fig. 10

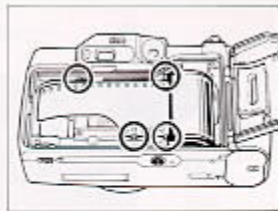


Fig. 13



Fig. 15

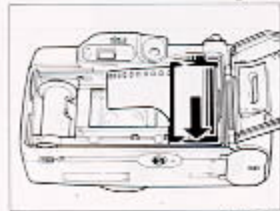


Fig. 11

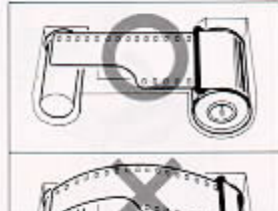


Fig. 14



Fig. 16

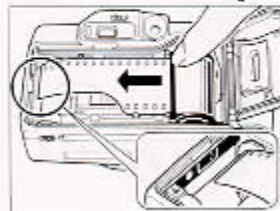


Fig. 12



Fig. 17

4. Press the Back Cover shut so that the Back Cover Latch returns to its original position. The film is automatically advanced until number 11 " appears in the LCD Panel As soon as you close the Back Cover, the LCD Panel should confirm proper loading with the Exposure Counter (Fig. 15)

5. If the film has not advanced correctly and is not taken up onto the Film Take-up Spool, the Exposure Counter will blink (Fig. 16) The Shutter Release will also lock so you cannot take a picture until the film is loaded properly (DX Film only)

Reload the film by following steps 1 - 4 shown above

- * We recommend that you use the Safety Lock to | prevent the Back Cover from opening accidentally | during use (Fig. 17)
- * Whether there is film in your camera or not can be ~ confirmed by either the Film Loaded Window or the if Exposure Counter in the LCD Panel
- * You can confirm that the Film-Wind or Rewind is ' working properly by observing the Exposure Counter
- * You can load film in your camera with the Power Switch on However. the Loading Sign will disappear after about 3 sec
- * Do not touch the inner lens with your fingers or the, edge of film. ;

SETTING THE FILM SPEED

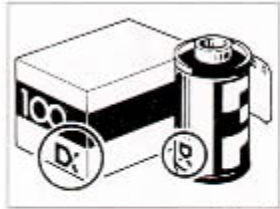


Fig. 18



Fig. 21

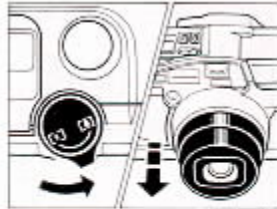


Fig. 24



Fig. 19

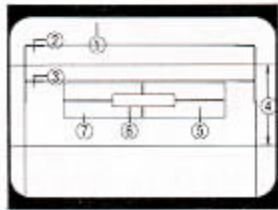


Fig. 22



Fig. 25



Fig. 20

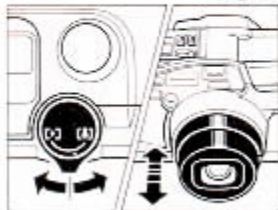


Fig. 23

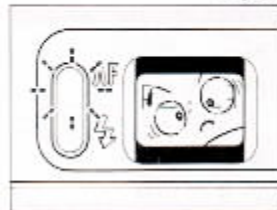


Fig. 26

DX-coded film cassettes have black-and-silver patterns corresponding to film speeds that the camera reads and automatically sets. Your camera accepts DX films with speeds ranging from ISO 50 to 3200 (Fig. 18)

Most color negative films on the market are DX coded

When using DX-coded films, setting the film speed is not necessary. Your camera automatically sets the correct film speed

When using a film without a DX code, your camera will automatically set itself to ISO 100

HOLDING YOUR CAMERA

1. Always use both hands to steady your camera. (Fig. 19)

* When holding the camera vertically always position it with the flash at the top. (Fig. 20)

* Be careful not to place your fingers over the lens, flash or focusing windows. (Fig. 21)

* We suggest that you become familiar with your new camera by shooting and processing at least one roll of film before using your camera to record an important occasion.

* If the camera moves during the exposure, the whole picture will be blurred. To help insure sharp pictures, hold the camera steadily and properly.

VIEWFINDER (Fig. 22)

(1) Field of View Frame:

The subject (such as people or scenery) you wish to photograph should be contained within this frame.

(2) Parallax Correction Marks: (Close Focusing at Wide)

(3) Parallax Correction Marks: (Close Focusing in Telephoto)

When taking a picture of a subject that is between 0.6 m-1.2 m (2 ft.-4 ft.) away from your camera, the subject should be positioned within these marks. Anything outside the marks will not be included in **the picture** even if **you can see** it through the viewfinder.

(4) Panorama Frame Mask

When taking panorama pictures, the subject should be positioned within these masks

(5) Auto Focus Marks

These marks indicate the Auto Focus Area.

In Single Auto Focus Mode, the camera focuses on the subject at the center spot of the marks.

(6) Multi Auto Focus Area (in Wide)

(7) Multi Auto Focus Area (in Tele)

ZOOMING THE LENS



Example 1 Ejemplo 1



Example 2 Ejemplo 2



Example 3 Ejemplo 3



Example 4 Ejemplo 4

The built-in 38-110 mm zoom lens lets you get more in the picture, or closer to your subject without changing

your position. This allows you to easily select the composition that best suits your subject. (**Examples 1, 2**)

To zoom the lens, just turn the zoom lever counter clockwise to Tele or clockwise to Wide until your subject is framed properly. (**Fig. 23**)

* When zooming the lens, keep your fingers away from the moving lens components.

* When switching the camera's Power off, the lens will return to its storage position automatically.

* To save on battery life, after about 3 minutes of inactivity, the lens will return to the Storage Position and the display on the LCD panel will disappear.

MACRO PHOTOGRAPHY

Used for close-up photography of flowers, etc. (**Example 3**)

1. Turn the zoom lever counter-clockwise to set the 110 mm position. (Fig. 24)
2. If necessary approach to the minimum distance of 0.6 m (2 ft) and release the shutter gently. (Fig. 25)

* At 110 mm, the magnification at the minimum distance of 0.6 m (2 ft.) is approximately 1/5 7 times.

AUTO-FOCUS SHOOTING (MULTI AUTO-FOCUS)

The passive type 7 point multi autofocus system in your camera is designed to focus more accurately than most conventional autofocus compact camera

1. Set the subject you wish to take within the AutoFocus Area in center of the Viewfinder (Fig. No. 22, Viewfinder)

* In Wide and Tele mode, the Focus Area changes as shown in the figure.

2. If the subject is closer than 0.6 m (2 ft.) the AF Monitor will blink and the shutter will lock to prevent out of focus pictures. **(Fig. 26)**

* The minimum distance for panorama shots is 1 m (3.3 ft).

3. Press the Shutter Release Button gently to avoid camera shake.

4. This camera measures distance from subject to camera at 7 spots within the autofocus area Among those spots, focusing will be adjusted to the closest subject. This function will help avoid out-off focus-pictures.

* The AF system uses an actual image of the subject to focus properly. Under low light conditions, an assist beam will automatically light momentarily to provide a bright target for the AF system to see.

When the subject is difficult to focus on:

The autofocus sensor determines precise focus by reading the contrast of the subject. In certain rare situations, there may not be enough contrast for proper focusing. For example, clouds, hazy mountains white walls and dark subjects that do not reflect light well.

In these situations, the camera is designed to warn you that an out-of-focus picture may occur. It does so by blinking the green AF monitor in the viewfinder.

When this happens you should:

1. Press the mode button to activate the infinity/super night mode. This mode automatically sets the focus to infinity to assure sharp focus of long distance subjects.
2. Or for closer subjects use the "pre-focus technique" to lock the focus on a subject of equal distance but with better contrast. To do this simply hold the shutter release halfway down (while in the single autofocus mode) on a subject of equal distance and then recompose back to the original subject and continue to depress the shutter release button to take the picture (see single AF for additional details).
3. If you press the Shutter Release Button all the way down, the shutter can be released. At this time it focuses either at infinity in daylight or to the point where AF system estimate in dark condition. minimize out of focus pictures.

In very rare cases, however, shutter may lock such as strongly backlit subject etc. Use pre-focus shooting.

SINGLE AF MODE (PRE-FOCUS SHOOTING)

Your camera's multi autofocus system will provide excellent results in most shooting conditions. However, when the subject you wish to focus on is behind a window, fence or bars, or located high or low in the viewfinder, you should use pre-focus shooting. This will ensure a sharply focused image of your subject.

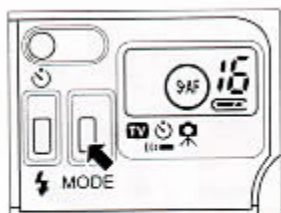


Fig. 27



Fig. 30



Fig. 33



Fig. 28



Fig. 31

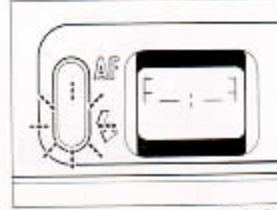


Fig. 34



Fig. 29



Fig. 32



Fig. 35

When the subject is high or low within the viewfinder:

1. Press the Mode Button until the S. AF symbol appears on the LCD Panel. (Fig. 27)
2. There may be cases where none of your main subjects are at the Single Auto-Focus spot located at the center of autofocus. (eg. subject located high or low). If you release the shutter then only the background will be in focus, and the subject will be out of-focus. (Fig. 28)
3. To pre-focus, move the camera so that one of the subjects is within the Single Auto-Focus Mark (~) (Fig. 29)

Press the Shutter Release Button halfway so that ~ Monitor lights up. Keep holding your finger halfway down on the Shutter Release Button.

4. Now return the camera to its original position so that your main subjects are composed to your liking within the Field of View Frame again, and press the Shutter Release Button fully to take the picture. (Fig. 30)

When the subject is difficult to focus on:

1. When you are photographing subjects that are difficult to focus on and the AF monitor blinks. or if your main subject is behind other closer objects. then find another subject at the same distance from the camera. You can pre-focus on that subject in the same way as described above.

* If you are shooting through a window under low light conditions, aim the camera at a slight angle to the glass to minimize any direct reflection of the autofocus assist beam.

* When you release your finger from the Shutter Release Button, the pre-focus seeing is cleared, so that you can pre-focus again as many times as you wish.

AUTO FILM REWINDING

1. After the end of the film has been reached, the film will automatically rewind.
 2. Film rewinding is indicated by the Exposure Counter and the counter counting backwards. (Fig. 31)
 3. When the film is fully rewound, the motor stops automatically and "E" is displayed in the LCD Panel. (Fig. 32) Open the Back Cover to unload the film.
- * When the Safety Lock is in the "ON" position, the Back Cover will not open even if the Back Cover Latch is released. Move the Safety Lock to the "OFF" position.
 - * If you wish to rewind the film before reaching the end of the film, push the Manual Film Rewind Button with a pen etc. (Fig. 33)
 - * The shutter release is locked with "E" displayed.
 - * Be careful not to touch the inner lens surface with your fingers or the edge of film.

FLASH PHOTOGRAPHY

1. If additional light is required, the built-in Flash automatically activates.

* **Recommended Flash Shooting Range**

(ISO 100)

Wide-angle: 0.6 m-about 5.2 m (2.0 ft.-17 1 ft.)

Telephoto 0.6 m-about 2.7 m (2.0 ft.-8.9 ft.)

(ISO 400)

Wide-angle 0.6 m-about 10.5 m (2.0 ft.-34 4 ft)

Telephoto 0.6 m-about 5.3 m (2.0 ft.-17.4 ft.)

- * To increase shooting range, use higher speed film such as ISO 400.
- * To check if the subject is within the recommended flash shooting range, press the Shutter Release Button halfway

When Red Flash Monitor turns on steadily, it is within the range, and when it blinks fast, it warns that the subject is out of the range.

* The minimum distance for panorama shots is 1 m.

When the Flash is still charging, the Red Flash Monitor will blink and the shutter will be locked. (Fig. 34) Wait until the red LED turns off in order to use the flash.

AUTO BACKLIGHT CONTROL/AUTO FILL FLASH

When taking pictures of backlit subjects, important details are often lost in the shadows. Your camera automatically compensates for these lighting situations. If the subject is backlit and is about 4 meters (13 feet) from the camera, Auto Back-Light Control (ABLC) will be activated. If the subject is within about 4 meters (13 feet) of the camera, the Flash activates automatically and the shadows are lightened up using automatic daylight fill-flash. Thus, with backlit subjects, natural looking pictures can be taken easily and automatically. (Fig. 35)

* Frame the subject in the center of the viewfinder to activate compensation.

FLASH MODES


The following Flash Modes can be selected by pressing the Flash Button:

- Red Eye Reduction Mode
- Flash-Off
- Flash-On
- Slow Synchro
- Red Eye Reduction Slow Synchro

RED EYE REDUCTION MODE

Minimizing the Red-Eye Effect

Selecting this mode makes it possible to minimize the red-eye effect that sometimes occurs when taking portrait photographs with flash. Now it's easy for anyone to take superior shots of people.

1. Press the Flash Button until the  symbol appears on the LCD Panel. (Fig. 36)

2. Press the Shutter-Release Button. The flash system will begin its Pre-Flash Cycle. After a brief delay, the Main Flash will then fire.

* Be sure to hold the camera still after pressing the shutter Release Button.

* You should advise your subjects that you are using Red Eye Reduction flash and they should wait for a second .

* This mode is not canceled when the camera is switched off.

* To cancel this mode, press the Flash Button again for any other selection

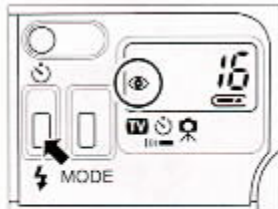


Fig. 36

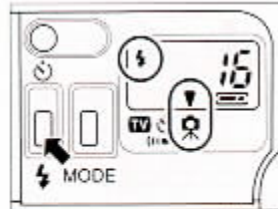


Fig. 37

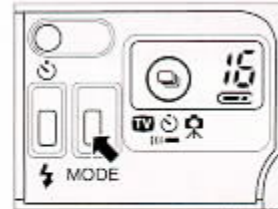


Fig. 38

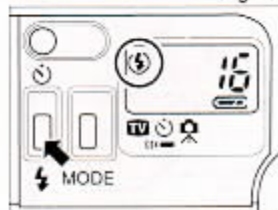


Fig. 39

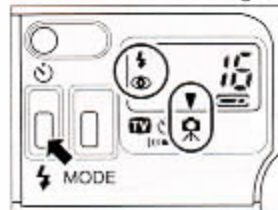


Fig. 40

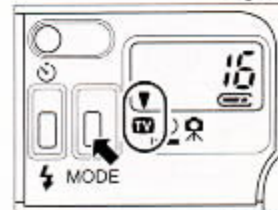


Fig. 41

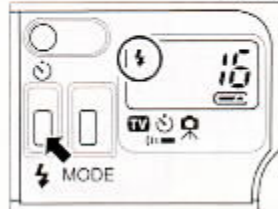


Fig. 42

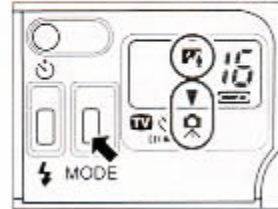


Fig. 43

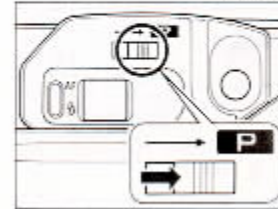


Fig. 44

7

Reducing Flash Output

The Flash adjusts the flash brightness to prevent excessively overexposed pictures when photographing, for example, fair-skinned subjects at close range. This function works similarly in any of Flash Modes.

FLASH-OFF MODE

This mode forcibly prevents automatic firing of the flash, thus allowing available light photography in museums, churches, etc. where flash photography is prohibited.

1. Press the flash Button until the ~ symbol appears on the LCD Panel. (Fig. 37) ,
2. Press the Release Button and the Shutter will be ~ tripped without flash. x

* To cancel this mode, press the Flash Button until ' there is a different mode symbol (or none) on the LCD Panel, or push the power switch off.

* In dim light, the camera's Shutter speed will be automatically reduced. Take particular care in Telephoto (110 mm) Mode. To prevent a blurry picture, hold the camera steadily and press the Shutter Release Button gently.

FLASH-ON MODE

This forcibly trips the flash when you want to photograph subjects with sunlight to their side or back It lets you take more natural looking pictures by softening harsh shadows.



Example 1 Ejemplo 1



Example 2 Ejemplo 2



Example 3 Ejemplo 3



Example 4 Ejemplo 4

Example 4: When the Flash-On Mode is set

Example 5: When the Flash-On Mode is not set

1. Press the flash Button until' the ~ symbol appears on the LCD Panel. (Fig. 38)
2. Press the Release Button. There will now be flash every time the shutter is tripped.

* The camera will follow a daytime SYNCHRO-Sunlight Exposure program in cases of bright light.

* To cancel this mode, press the Flash Button until there is a different mode symbol (or none) on the LCD Panel, or push the Power Switch off.



Example 5 Ejemplo 5



Example 6 Ejemplo 6



Example 7 Ejemplo 7




Example 8 Ejemplo 8

SLOW SYNCHRO MODE

Use this mode indoors, at parties and in lighted rooms when you want both the subject and the background to be sharp. **(Example 6)**


With Auto-Flash and Flash-On modes the background may be dark because of the limited range of the flash light. **(Example 7)**

1. Press the Flash Button until the  symbol appears on the LCD panel. (Fig. 39)

* To cancel this mode, press the Flash Button until there is a different mode symbol (or none) on the LCD panel, or push the power switch off.

* In dim light, the camera's shutter speed will be automatically reduced up to 1/2 sec. To prevent a blurry picture, hold the camera steady and press the Shutter Release Button gently.


(Take particular care in Telephoto (110 mm) mode)

* The  symbol means the shutter speed is likely to become slow and we recommend the use of a tripod to prevent camera shake.

RED EYE REDUCTION SLOW SYNCHRO MODE

Set this mode to take Red Eye reduced slow synchro photography.

At the previous slow synchro mode, Red Eye Reduction does not operate

* Press the Flash Button until the  symbol appears on the LCD panel. (Fig. 40)

* To cancel this mode, press the Flash Button until there is a different mode symbol (or none) on the LCD panel, or push the power switch off.

CREATIVE MODES

- Infinity/Super Night Mode
- Single AF Mode
- Continuous Shooting Mode
- TV Mode

INFINITY/SUPER NIGHT MODE

With the INF./Super Night Mode, beautiful pictures can be taken at night. The camera automatically selects the optimum settings for pictures of night scenery, pictures of people at night (slow synchro photography), and evening or day landscape pictures (**Example 8**)

1. Press the Mode Button until the 15; symbol appears in the LCD Panel. (Fig. 41)

2. At the same time ~ appears in the LCD Panel, indicating the ~ mark. This suggests that you use a tripod to prevent the camera from moving. Stabilize the camera with a tripod.

Then, gently press the Shutter Release Button to take a picture

For taking photos of people against a background of night scenery, the camera will first focus on 00 and open the Shutter for up to 1 second without flash. After closing the Shutter, the camera will then focus on the people and take another picture with the flash

* By doing this, beautiful pictures focused on both the night scenery and people are possible. (The people have to within 6 m (19.7 ft.)).

* When taking pictures of night scenery with no subjects the camera will focus on ok. The flash will not fire and the shutter will open for one second (when there is no object within 6 m (19.7 ft.)).

* When taking pictures of landscapes in bright daylight, the camera will focus on x and set itself to Auto Exposure.

If people are taken in bright daylight, the camera will set itself to daytime exposure program which will set flash off.

* To cancel this mode, press the Mode Button until a different mode symbol (or none) is displayed on the LCD Panel, or push the Power Switch off.

Reference:

- * To prevent blurry pictures from slow shutter speeds, we recommend the use of a tripod or remote electronic shutter.
- * You may wish to advise your subjects not to move for one sec. until the flash fires, to prevent blurred pictures.
- * Also, we recommend that your subject sit on a bench or lean on a fence etc. to be stable during one sec.
- * Use a wide 38 mm position to reduce the possibility of pictures with a blurred subject and to gain flash range.

CONTINUOUS SHOOTING MODE

This mode allows you to shoot continuously as long as the shutter is pressed.

You can accurately capture continuous action such as competitive sport events, moving subjects, and even the movements of an infant without missing any important moments.

1. Press the Mode Button to set your camera in the Continuous Shooting Mode. Confirm that the mark displays in the LCD Panel. (Fig. 42)
2. Press and hold down the Shutter Release Button. Your camera will continuously take pictures at a rate of one frame per second as long as the Shutter Release Button is held down.
3. Press the Mode Button to cancel Continuous Shooting Mode.

* To cancel this mode, press the Mode Button until a different mode symbol (or none) is displayed on the LCD Panel, or push the Power Switch off.

Combining Continuous Shooting Mode and the Self-timer (for double shot self-timer):

1. Set your camera to Continuous Shooting Mode.
2. Press the Self-timer/Remote Control Button and the Shutter Release Button. Your camera will wait 10 seconds, then shoot two sequential frames.
3. Push the Mode Button to cancel Continuous Shooting Mode.

* Because the Auto-Focus adjusts with each exposure, be sure the subject is in the Auto-Focus Target to ensure that the focus will not be on any other object.

TV MODE

Use this mode to record your computer graphics or video images from the screen of a computer monitor or television.

1. Press the Mode Button until the O mark displays in the LCD Panel (Fig. 43) Take the picture.

* The Flash Unit will not activate in TV Mode.

* When taking pictures in TV Mode, the shutter speed will be set to 1/30 sec. and ISO will be reset to 1 00.

* For **TV Mode photography, slow-moving TV images** will usually turn out clearer than fast-moving ones. Using a tripod is recommended to **prevent camera shake**.

* To cancel this mode, press the Mode Button until the LCD Panel shows a different mode symbol (or none), or push the Power Switch off.

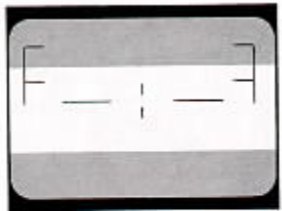


Fig. 45

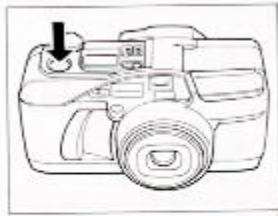


Fig. 48



Fig. 51

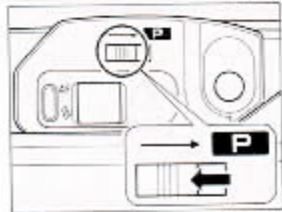


Fig. 46

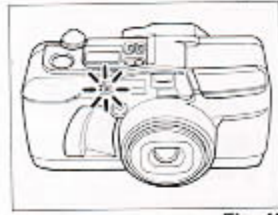


Fig. 49

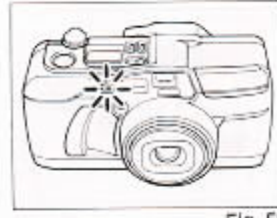


Fig. 52

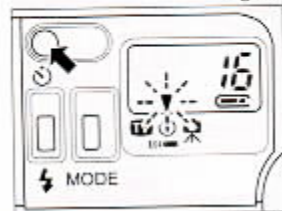


Fig. 47

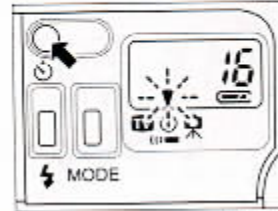


Fig. 50

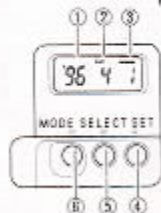


Fig. 53

PANORAMA PICTURES

When Panorama pictures are shot, only the middle portion of the film frame is exposed, and the resulting frame is lengthened to create an impressive panorama effect. The number of frames per roll of film does not change.

1. Slide the Panorama Switch above the Viewfinder to the "P" position. (Fig. 44)
2. The field of view changes to the Panorama Field of View Frame. (Fig. 45)
3. Compose your picture within the Panorama Field of View Frame and take the picture.
4. Return the Panorama switch to the original position. (Fig. 46)

* Date and time can be imprinted during Panorama shooting.

* During close-up photography, the edges of the field of view may be omitted, so allow room when you compose the picture.

* To prevent blurry pictures, we **recommend a fast film of ISO 200** or 400.

Panorama Format Prints

You can shoot a roll of film in three possible ways, as follows:

- A. Standard pictures only
- B. Panorama pictures only
- C. Both Standard and Panorama pictures combined

In cases B and C, be sure to tell your photo lab which kind of pictures you want.

- * When Panorama pictures are shot, only the middle portion of the frame is exposed.
- * Processing for B and C may cost more and take longer than A. Therefore, please consult your photo lab.
- * The conditions for development of film differ according to the area.

Therefore, please consult the store where you bought the film regarding details.

- * For B and C, be sure to attach the included Panorama Seal to your film.
- * If you run out of the included Panorama Seals, you can order them from your camera dealer.

USING THE SELF-TIMER

1. Compose your picture with the camera on a steady support.
2. Press the Self-timer/Remote Control Button the ~ mark appears and blinks in the LCD panel to indicate .-- mark and the camera is set at self timer mode. (Fig. 47)
3. Press the Shutter Release Button.

The Self-Timer LED on the front of the camera will light steadily for approximately 8 seconds. Then the LED will blink for about 2 seconds to indicate that the Shutter is about to release. After a total of about 10 seconds have elapsed, the Shutter will release. (Fig. 48, 49)

- * If you wish to cancel the self-timer once it has started, push the Power Switch Off or press the Self-timer Button Again.

Using the Self-timer for Flash Photography:

With Self-Timer photography the built-in Flash will fire automatically whenever there is insufficient light.

- * You may not be able to activate the Self-Timer when the Flash is just beginning to recharge. Wait about 3 sec. for the flash to charge and try again.
- * If the distance between subject and camera is too close, the AF Monitor will blink. At that time, the Self-Timer will not activate. Move back a little and try again.

REMOTE CONTROL UNIT (RC-3) (SOLD SEPARATELY)

1. When you have decided the composition of your picture, and placed the camera on a steady support, press the self-timer/Remote control Button. (Fig. 50)

The ~ mark appears in the LCD panel next to the ~|'-- mark, and the camera is set to Remote Control mode.

- * Focus Lock cannot be used during Remote Control shooting.

2. Aim the transmitter of the Remote Control Unit toward the front of your camera, and press the Transmit Button. (Fig. 51)

When the signal is received, the camera is focused automatically, the Self-timer LED lights up and after about 2 seconds the Shutter is released. (Fig. 52)

For another shot, repeat the procedure 2 above.

3. When you are finished shooting with the Remote Control Unit, press the Self-Timer/Remote Button on your camera to cancel Remote Control shooting. The ~ mark in the LCD Panel to indicate Remote Control mode disappears.

- * The camera is focused when the signals from the Remote Control Unit are received.
- * The shutter will not release if the image is out of focus. Change the composition, then take the picture.
- * When the power is switched off, either by Auto Power Off or by the Power Switch, remote control shooting is canceled.
- * Be careful to keep the transmitter of the Remote Control Unit clean

* The operating life of the built-in battery of the RC-3 is about 2 years. If the camera stops responding to the Remote Control Unit, it is probably because the battery has run down. Bring the Remote **Control** Unit to your Ricoh dealer

* Operating distance is within about 3.5 m-5 m (12 ft -16.4 ft.), which varies depending on the angle of transmission to the camera.

(OPTIONAL) DATABACK SETTINGS

Nomenclature of the Date Imprinting Feature (Fig. 53)

(1) Display Panel

(2) Month Indication

(3) Imprint Mark

(4) Set Button

(5) Selector Button

(6) Mode Selector Button

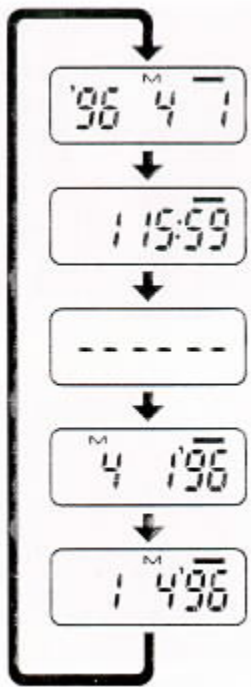


Fig. 54

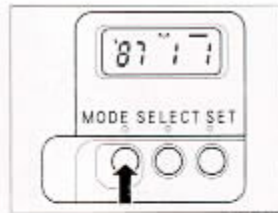


Fig. 55

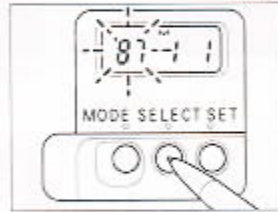


Fig. 56

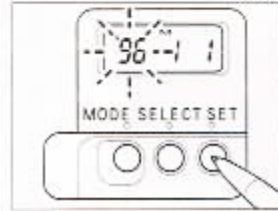


Fig. 57

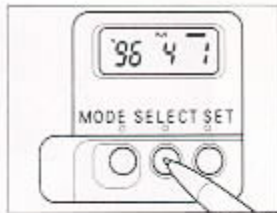


Fig. 58



Fig. 59



Fig. 60

Imprinting mode

Examples of Date Imprinting (Fig. 54)

- (1) 1996 April 1st
- (2) 1st 15:59
- (3) No Imprinting
- (4) April 1st. 1996
- (5) 1st. April 1996

The Date Imprinting Mode can be divided into 5 types: Date, Time, and No Imprinting.

Selecting Imprinting Mode (Fig. 54)

Each time the Mode selector button is pressed, the display changes as shown below.

- (1) Date (Year/Month/Day)
- (2) Time (Day/Hour/Minute)
- (3) No Imprinting
- (4) Date (Month/Day/Year)
- (5) Date (Day/Month/Year)

Checking imprinting

After shooting, the Imprint Mark - flickers in the Display Panel for a few seconds for correct imprinting. The mark and the letter "M" are not imprinted on the picture

Resetting the Date and Time (Fig. 55, 56, 57, 58)

1. Each time the Selector button is pressed, the flashing digits change in the order of Year, Month, Day, Hour, Minute and Colon (I)
2. When the digits to be reset flash, press the Set Button until the desired digits appear. When the Set button is kept pressed, the digits change rapidly.
3. Imprinting is not possible while the camera is in Reset Mode When resetting is complete, press the Mode Selector Button until the Imprint Mark - appears in the Display Panel.

Accurately seeing seconds

1. Press the Mode Selector Button for Time Display Mode
2. Press the Selector Button so that the colon (:) flickers.
3. Press the Set Button according to set the seconds too
4. Press the Mode Selector Button

* It is recommended that the Second digits be adjusted after adjusting the Minute digits

Notes on Date Imprinting Feature

* At temperatures below 0°C (32°F), the battery performance deteriorates. The Date Imprinting Feature may not function correctly and imprinting may become impossible.

* When the battery is replaced, the display panel sometimes shows wrong digits. Reset the digits for correct indication.

* The date is sometimes illegible if it is imprinted on the following objects.

(1) "Warm"-colored objects, such as red, yellow, orange, etc.

(2) Objects with details similar in size to the imprinted date (gravel, leaves, etc.)

(3) Objects of high luminance (sky, white wall, etc.)

* Imprinting is not possible in the following modes. (1) Print Off Mode (2) Reset Mode (3) Battery Check Display Mode (The display panel flashes)

PROPER CARE OF YOUR CAMERA



Fig. 61



Fig. 62



Fig. 63



Fig. 64

* If there is dirt on the lens or Distance Measuring Windows and in the camera body, do not attempt to remove it with your fingers. Use a blower to blow the dust away, or wipe the surface gently with camera lens tissue or a soft cloth (Fig. 59)

* Camera malfunction can be caused by impact, humidity, salt etc. After using the camera at the beach or places where there is salt spray, high humidity or chemicals, wipe it off carefully (Fig. 60)

* Take care not to expose the camera to sudden changes in temperature, as that may cause condensation on the lens and film or inside the body, or other malfunctions (Fig. 61)

* Do not expose the camera for a long period of time to extremely high temperatures, such as in your car or on the beach, as this may ruin your film, or cause other malfunctions. (Fig. 62)

* When using a tripod, do not try to force a long screw into the socket. The screw length should be less than 5.7 mm (1/4 inch) (Fig. 63)

* Do not place the camera near equipment that has strong magnetic fields such as a television or radio. (Fig. 64)

MAJOR SPECIFICATIONS

Type: Fully automatic 35 mm Autofocus Lens **Shutter Camera with built-in Zoom Lens**

Lens: 38 mm f/4.5-110 mm f/8.9 Zoom Lens 7 elements, 6 groups

Focusing: Multi-Autofocus type with single AF facility

Passive type with auxiliary AF light in dark conditions

Multi-Autofocus in 7 spots and 1707 measuring steps

0.6 m (2 ft.)-inf. 1 m (3 3 ft.)-inf. (at Panorama mode)

Macro; 1:1/57 at 0.6 m (2ft.) with 110 mm position

Shutter: Programmed Electronic Shutter, 1 , 1 /2 - 1 /400 sec.

Self-Timer: Electronic type with LED indicator. Operating delay approx. 10 sec. Double Self Timer is possible with Continuous Shooting Mode

Viewfinder: Real Image Zoom Viewfinder

Panorama Viewfinder Mask appears in Panorama Mode

Exposure Adjustment: Dual SPD Photocell. Programmed AE with Automatic Backlight Control

Coupling range EV5.3 - 15.5 (Wide), EV6.3 - 16.5 (Tele) (ISO 100)

Film speed: ISO 50-3200. Compatible with DX Code System.

Non DX films are set to ISO 100

Film Load/Wind/Rewinding: Ricoh Auto-Load System. Automatic 1 st Frame Set. Automatic Film Rewind at the end of film. Mid-roll rewind is possible.

Back Cover Safety Lock

Exposure Counter: Electronic Additive. Counts down during film rewind

Built-in Flash: Electronic Flash automatically activates in dim light and backlight

Modes: Auto Red Eye Reduction, On, Off, Slow Synchro, Red Eye Reduction Slow

Synchro (Soft flash at all modes)

Flash Range: ISO 100 (Wide) 0.6 m-5.2 m (2 ft.-17 ft.)

(Tele) 0.6 m-2.7 m (2 ft.-8.7 ft.)

ISO 400 (Wide) 0.6 m-10.5 m (2ft.-34.4ft.)

(Tele) 0.6 m-5.3 m ;(2 ft.-17.4 ft.)

Flash Recycle Time: · About 6 sec.

Other Features: Infinity/Super Night Mode, Continuous Shooting Mode, TV Mode, Remote control possible with optional remote controller RC-3, Date Imprinting (Date Version),

Switchable Panorama in midroll

Power Source: 6V lithium battery x 1. CRP2P DL-223A or equivalent

Dimensions: 132 mm(W) x 73 mm(H) x 56 mm(D), 5.2 in. (W) x 2.9 in. (H) x 2.2 in. (D)

Weight 300.9 (10.6 oz.) without battery