

RIVA MINI

E INSTRUCTION MANUAL



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1. INTRODUCTION

Thank you for purchasing this camera. Among the many features that it offers to simplify operation and improve picture quality are:

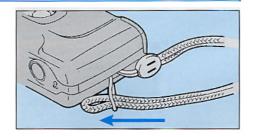
- Autofocus with cancelable focus hold
 Autoexposure
- Autoflash with fill-flash, red-eye reduction and flash off
- Auto film-speed setting for DX-coded ISO 50 to 3200
- Auto advance to first frame Fully automatic film transport Auto winding Auto rewind
- Auto rewind stop

Manual-start rewind Self-timer To learn how to operate your new camera properly and obtain satisfying results right from

the start, please read the following instructions and cautions carefully before taking If you have any questions about this camera, contact your local camera dealer or the Minolta distributor in your area.

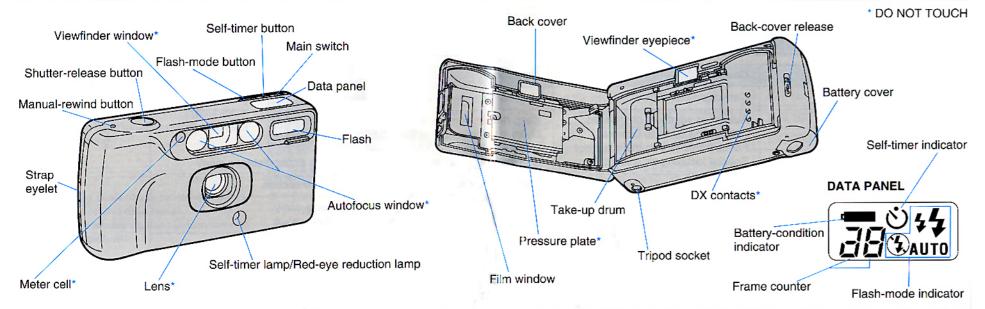
2.ATTACHING THE STRAP





Attach the strap as shown for added safety and convenience.

3.NAMES OF PARTS



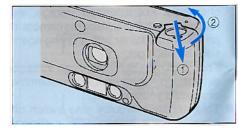
4.INSTALLING THE BATTERY

Your Minolta Riva Mini uses a 3 volt lithium battery pack (CR123A) that supplies power for all camera operations.

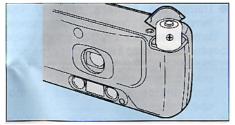
Battery Cautions

cause burns.

- 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



1. Slide the battery cover in the direction shown to open.



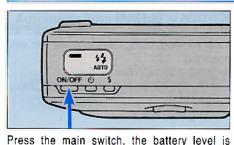
2. Insert the battery as shown, then slide the battery cover back in to close.

If necessary, wipe the battery terminals with a dry cloth to ensure proper contact.

while film is loaded, first turn the camera off. If you replace the battery with the camera on and the film loaded, frame counter will turn to "2".

Caution: When you replace the battery

5.CHECKING THE BATTERY LEVEL

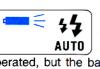


automatically checked when camera is switched on.

 When you switch the camera on, the lens goes out automatically and various indicators are displayed in the data panel. To switch the camera off, press the main switch again.



Glowing batterycondition indicator: Power is sufficient.



changed soon.

Blinking batterycondition indicator: AUTO | Camera can be operated, but the battery will need to be

replace battery.

Battery-condition indicator disappears: AUTO | Power is too low for operation, and shutter remains locked-

Auto Power Off

To conserve power, the camera automatically shuts itself off if not operated for more than five minutes. To restore the data panel display and resume operation, simply press the main switch.

6.HOLDING THE CAMERA

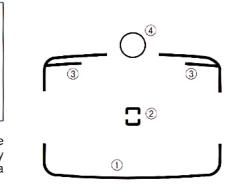
To obtain sharp, blur-free photos, hold the camera as still as possible and steady it against your face or body. To take pictures, press the shutter-release button gently with a slow, steady squeeze-never a quick jab.



When taking pictures, be sure to keep your fingers clear of the flash.



Two recommended ways of holding the camera are shown here. For vertically framed pictures, be sure to hold the camera so the flash is on top.



7.VIEWFINDER

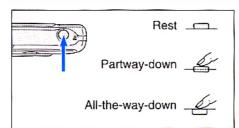
- (1) Image frame: indicates picture borders Focus frame: for focusing, should be
- centered on your main subject ③ Close-framing guides: should be used for framing subjects nearer than 1.0
- meters (3.3 ft.) from the camera 4 Green lamp: Indications when shutter is pressed partway down:
- glows: indicates flash is charged and focus/exposure is locked; blinks rapidly: detected subject distance is less than minimum focus distance and

shutter is locked; blinks slowly: camera

shake warning, slow shutter speed is

used

8.SHUTTER-RELEASE BUTTON

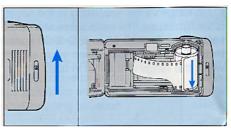


In describing camera operation, this manual refers to two shutter-release-button operating positions: a pre-release "partway-down" position that can be used to memorize current focus and exposure settings, and an "all-the-way-down" position that triggers the shutter-release sequence. Both operating positions, as well as the rest position, are illustrated as shown.

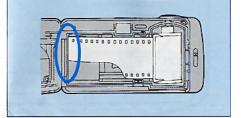
9.LOADING THE FILM

We recommend using only DX-coded (DX is printed on the film cartridge) ISO 50 to 3200 films. Within this range, the correct ISO speed will be automatically set. Film speed is automatically set to ISO 100 for DX-coded films rated slower than ISO 50 or non-DX-coded film

 72-exposure cartridges, and Polaroid instant 35mm films cannot be used.



- Switch the camera on. Make sure that 0 is displayed in the frame counter, then open the back cover by sliding the backcover release upwards.
- 2. Place the film cartridge into the film chamber as shown.



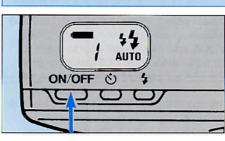
- 3. Lay the film flat between the film guide and extend the tip of the film over the take-up drum to the film mark. If the film extends too far, gently push the excess back into the cartridge.
- Close the back cover.

first frame. When 1 appears in the frame counter, the camera is ready for taking

If the film is incorrectly loaded, the frame counter will remain at 0 and blink. Open the back cover and repeat steps 2 to 4.

Caution: Load film in subdued light, or at least shaded from direct sunlight.

10.TAKING A PICTURE



1. Press the main switch to turn the camera on, flash mode will be automatically set to autoflash with red-eve reduction (15). When red-eye reduction is not needed, press the flash-mode button to set autoflash mode (\$) (See FLASH MODE section).



2. Looking through the viewfinder, center the focus frame on your subject.



3. Press the shutter-release button partway down so that the green lamp glows, then all-the-way down to take the picture.

Make sure you subject is at least 0.60m (2.0ft.) from the camera; when the subject is closer than 0.60m (2.0ft.), the green lamp blinks rapidly and the shutter will not release.

If ambient lighting conditions require the use of flash, the flash fires automatically when the picture is taken.

 If the green lamp does not appear when you press the shutter-release button partway down, the flash is not charged yet; briefly remove your finger from the shutter-release button, and then press it down again to take the picture. The camera's shutter remains locked until the flash is charged.

After you take a picture, the film is automatically advanced and the frame counter increases by one.

11.FOCUS HOLD



Focus hold enables you to adapt autofocus to situations where your main subject is positioned outside the center of the viewfinder frame.

1. Center the focus frame on your subject, then press the shutter-release button partway down so that the green lamp glows.



- 2. Keeping the shutter-release button held partway down so that the green lamp continues to glow, recompose the frame as desired and then press all-the-way down to take the picture.
- Focus hold is easily canceled by removing your finger from the shutter-release button.

Focusing in Special Situations

your subject falls into any of the following categories:

- Bright light sources such as the sun or neon light
- 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

Focus hold should also be used whenever

Objects significantly smaller than the focus frame

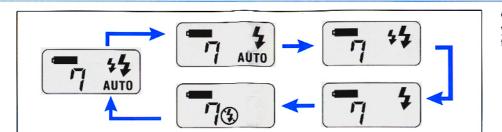
> In such cases, use focus hold to set the focus distance on another object at the same distance from the camera as your

12.FLASH INFORMATION

Selecting the Flash Mode

The flash-mode button enables you to tailor flash operation to suit a variety of photographic situations.

When you switch the camera on, the flashmode is automatically set to the autoflash with red-eye reduction position (15). By pressing the flash-mode button successively, the flash mode changes as shown.



Once set, the current setting remains until you press the flash-mode button or switch the camera off and on again.

Flash mode

Autoflash (15 , 15): flash fires whenever

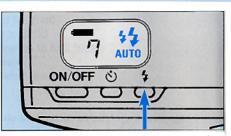
Manual-Fill Flash (\$4, \$): flash fires each time a picture is taken regardless of ambient lighting conditions

Flash-Off ((3)): flash remains off regardless of ambient lighting conditions

Red-eye Reduction (55, 55): red-eye reduction lamp blinks just before each flash picture

Red-eye Reduction Mode

Red-eye reduction is used to reduce the appearance of red-eye in flash pictures of people or animals. The red-eve effect, as it is referred to, is caused by light from the camera's flash reflected back into the lens from the subject's retinas. When red-eye reduction is selected, the red-eye reduction lamp blinks just before the actual flash picture is taken. This causes the diameter of your subject's pupils to narrow before the actual exposure and reduces the appearance of red-eye.



1. Press the flash-mode button so that 45 or 55 appears in the data panel.

73

 If the green lamp blinks slowly when you press the shutter-release button partway

down, shutter speed will be slower; use

ON/OFF &

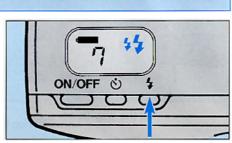
of tripod is recommended.

2. Press the shutter-release button partway down so that the green lamp glows, then all-the-way down to take the

Fill-flash Mode

Fill-flash can be used for improved results in cases where autoflash doesn't operate due to a high, overall light level. Such situations include those in which your subject is framed against a bright background-an illuminated window, opposing sunlight, or brilliant snow or sand. For situations like these, fill-flash is effective because it allows you to balance the exposure of your subject with the relatively brighter background. Another good use for fill-flash is photographing a subject against a night scene; this reduces the shutter speed and both the subject and background will have correct exposure.

- 1. Press the flash-mode button so that \$4 or \$ appears on the data panel.
- 2. Press the shutter-release button partway down so that the green lamp glows, then all-the-way



down to take the picture.

 If the green lamp blinks slowly when you press the shutter-release button partway down, shutter speed will be slower; use of tripod is recommended.

Flash-off Mode

In certain situations, non-flash photography may be preferred-for instance, when photographing twilight scenes, or taking pictures inside a museum. When flash-off is selected, the flash remains off regardless of ambient lighting.

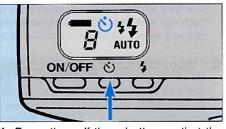
- 1. Press the flash-mode button so that ③ appears on the data panel.
- 2. Press the shutter-release button down to take the picture.

Flash Range

Flash range varies according to the speed of the film in use. The table below shows the flash range for ISO 50 to ISO 3200 speed films. For best results, keep your subject within the range of the film in use.

| | Flash Range | |
|----------|-------------------------|--|
| ISO 50 | 0.60-2.6m (2.0-8.5ft.) | |
| ISO 100 | 0.60-3.6m (2.0-11.8ft.) | |
| ISO 200 | 0.60-5.1m (2.0-16.7ft.) | |
| ISO 400 | 0.60-7.2m (2.0-23.6ft.) | |
| ISO 800 | 0.78-8.5m (2.6-27.9ft.) | |
| ISO 1600 | 1.1-8.5m (3.6-27.9ft.) | |
| ISO 3200 | 1.6-8.5m (5.2-27.9ft.) | |

13.SELF-TIMER



1. Press the self-timer button so that the self-timer indicator is displayed on the data panel.



2. Frame your subject in the viewfinder as desired, then press the shutter-release button down.

• If the frame counter shows anything

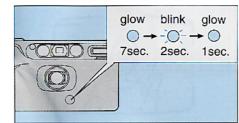
other than 0 when the rewind motor

stops, DO NOT OPEN THE BACK COVER.

Replace the battery, and wait until

rewind is complete before opening the

back cover.

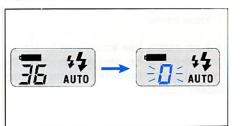


The self-timer lamp on the front of camera will begin glowing and blinking as shown to indicate operation, and the picture will be taken about ten seconds

To cancel self-timer, switch camera off.

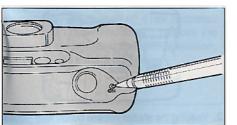
14.REWINDING THE FILM

Automatic Film Rewind



After the last frame on the roll is exposed automatic film rewind begins. When rewind is complete, the motor shuts off and 0 blinks on the data panel. Open the back cover and remove the film.

Manual Start of Film Rewind



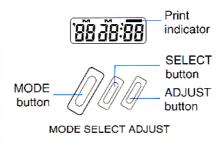
You can rewind a roll of film before the last picture is taken. To start film rewind manually, use a ball-point pen or similar object to press the manual-rewind button located beside the shutter-release button.

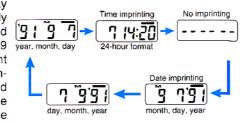
FOR OWNERS OF THE QUARTZ DATA BACK MODEL

The data back enables you to record the Mode Selection 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 1919 automatic calendar through the year 2019 and automatically controls the imprint exposure according to the camera's filmspeed setting. With the camera held horizontally, the data is recorded onto the lower right portion of the image; in the vertical format, imprinting occurs in the lower left portion of the image.



Names of Parts





Setting Data

blinking.

- 1. Press the MODE button to select the desired mode: date or time.
- 2. After selecting the mode, press the SELECT button until the digits you wish to change blink
- 3. Press the ADJUST button until the desired digit is selected. One quick push causes the digit to advance by one and continuous pushing advances it rapidly. 4. When correction is completed, press the
- In TIME mode, to synchronize the seconds counter to 00, press the ADJUST button while the colon is

SELECT button a few times until blinking

Data Imprinting

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

- The imprinted data may be difficult to 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.

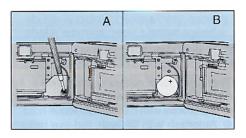
Care and Storage

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 3 volt lithium (CR2025 or equivalent) battery that is supplied with the data back provides 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.

read if the subject area over which it is Warning: Keep batteries away from the children.



To replace the battery:

- 1. Remove the battery cover by turning the locking screw with a small Phillip's screwdriver (A).
- 2. Take out the old battery using a ball-point pen or similar object, then insert a fresh one with its plus side (+) facing up.
- 3. Reinsert the battery cover (B) and fasten with the locking screw.
- 4. Following battery replacement, reset the date and time.

15.TROUBLE SHOOTING

| Problem | Cause | Solution |
|-------------------------------------|--|--|
| Entire picture blurred | Camera movement | Hold camera steady and release shutter gently |
| Subject out of focus | Autofocus windows obstructed Subject too close to camera Focus frame not on main subject Special focusing situation | Keep hands, camera strap, and other objects away Make sure subject is at least 0.60m (2.0ft.) away Use focus hold Use focus hold on another subject that is an equal distance away |
| Picture foggy or has blurry area | 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 | Camera is off Battery is exhausted Flash charging Subject too close | Turn camera on Replace battery Wait for the green lamp to glow Make sure subject distance is more than minimum focus distance |

16.CARE AND STORAGE

- If the lens becomes dirty, gently clean it with a lens brush. If necessary, moisten a sheet of lens tissue with one drop of 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 becomes dirty, gently wipe it 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, 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.
- Do not let sand, salt or other grit get inside of the camerá, it may cause costly or irreparable damage. 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 vourself
- 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 you 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

17.TECHNICAL DETAILS

Type: Compact 35mm autofocus camera

Lens: 34mm f/3.5 Infrared autofocus with cancelable focus hold; focus range: 0.60m to Focusing:

Exposure system: Programmed autoexposure; range at ISO 100: EV 6 to EV 16 Flash system: Cancelable automatic flash with shutter lock during flash charge; fill

flash selectable; recycling time: 3.5 sec. Film speed range: Automatically set for DX-coded film between ISO 50 and ISO 3200:

set to ISO 100 for films without DX-coding Viewfinder: Bright-frame type with focus frame, close-framing guides, green lamp;

magnification: 0.43X; image area: 85% at 3 meters 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 red light on

front of camera; cancelable

Power: 3V lithium battery (CR123A or DL123A)

Battery performance: Approximately 25 rolls (based on Minolta's standard test method, using 24-exposure film with

flash in 50% of exposures)

118×63×36.5mm (4-5/8×2-1/2×1-7/16in.) Dimensions: Quartz-date model: 118×63×40mm (4-5/8×2-1/2×1-9/16in.)

Weight (without battery): 165g (5-13/16oz.)

Quartz-date model: 185q (6-1/2oz.)

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