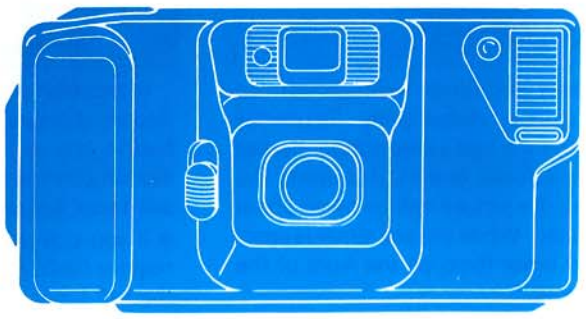
FREEDOM 101/FS-EIII

E INSTRUCTION MANUAL



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1. MAIN FEATURES

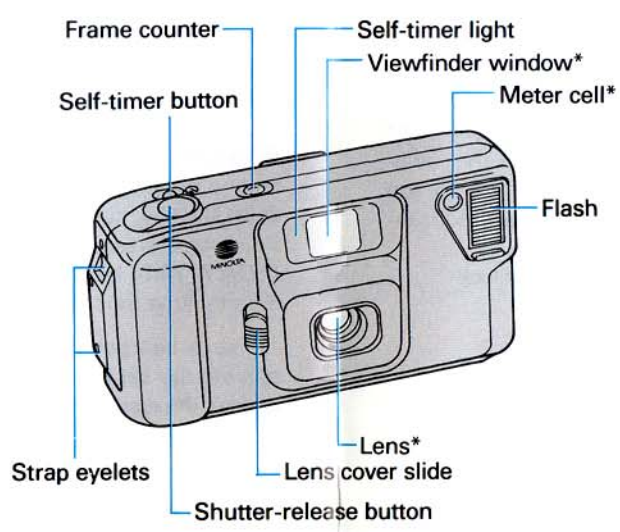
Your Minolta Freedom 101/FS-E III is a compact 35mm camera offering many features to simplify operation and improve picture quality:

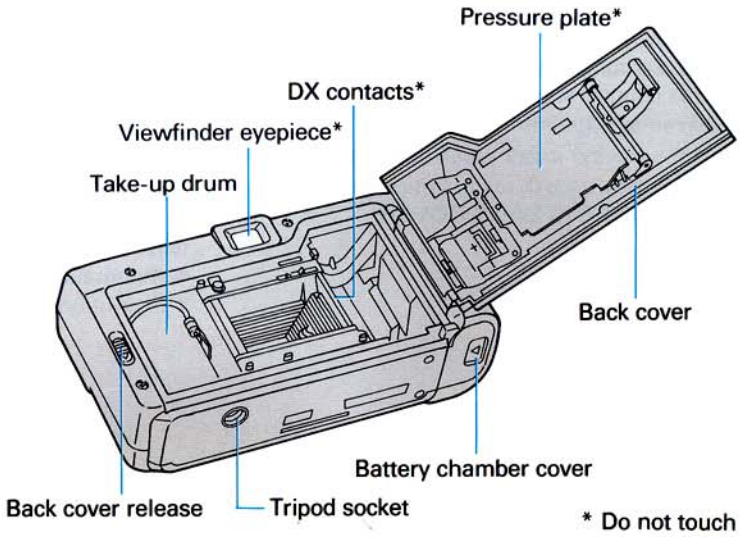
- Focus-free operation
- Automatic switchover flash
- Auto film-speed setting for DX-coded films
- Fully automatic film transport
  - · Auto advance to first frame
  - · Auto winding
  - · Auto rewind
  - · Auto rewind stop

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 pictures.

If you have any questions about this camera, contact your local camera dealer or the Minolta distributor or subsidiary in your area.

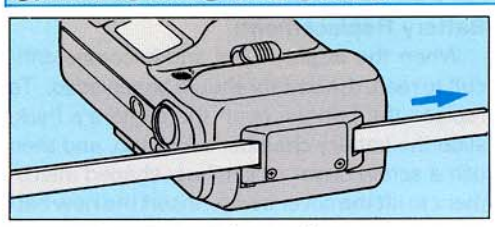
2. NAMES OF PARTS

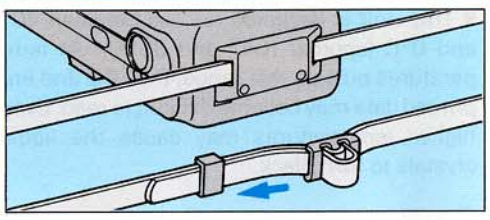




* Do not touch

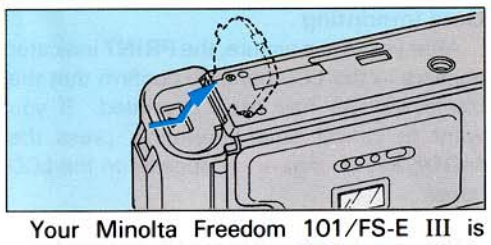
3. ATTACHING THE STRAP





Attach the strap as shown above.

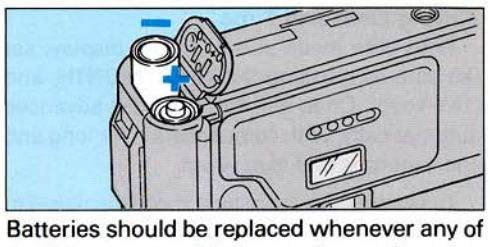
4. POWER



Your Minolta Freedom 101/FS-E III is powered by two AA-size alkaline or nickel-cadmium batteries. Use of carbon-zinc batteries is not recommended.

Installing batteries:

1. Open battery chamber cover as shown.
2. Insert the batteries indicated on the battery chamber cover.
3. Snap the cover shut.



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

- Shutter will not release
- Film winding or rewinding stops during operation
- After loading film correctly, film will not advance to the first frame

Battery cautions

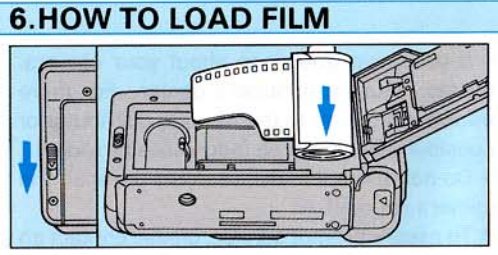
- Keep batteries away from children
- Keep battery contacts clean
- Don't mix batteries of different types, ages, or brands

5. FILM

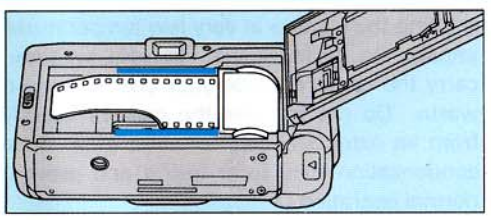
Only 35mm film can be used in this camera. Use of ISO 100 or 400 DX-coded (DX is printed on the cartridge) negative film is recommened.

For DX-coded films rated below ISO 400 the film speed is set to ISO 100, and for films rated 400 and higher the film speed is set to ISO 400. 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.

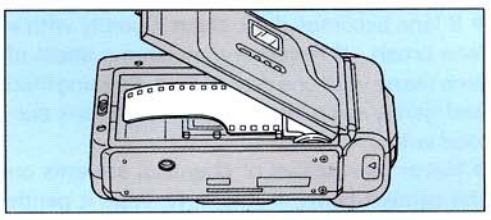
6. HOW TO LOAD FILM



1. Make sure the frame counter is at **0**, then open the back cover by sliding the back-cover release as shown.
2. Insert the film cartridge into the film chamber as shown.



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

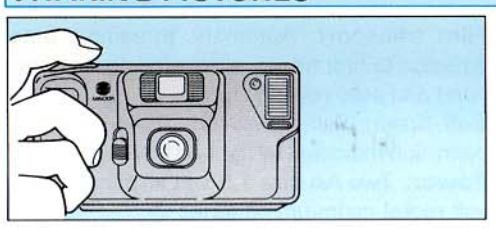


4. Close the back cover. Film will be advanced automatically to the first frame. When **1** appears in the frame counter, you're ready to start taking pictures.

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 and then stop, and the film counter will remain at **0**. Open the back cover and reload the film correctly.

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

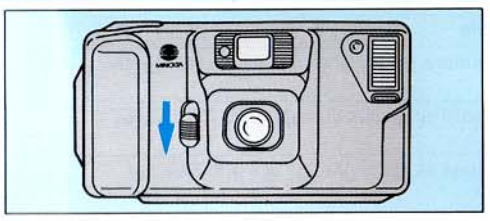
7. TAKING PICTURES



Holding the Camera

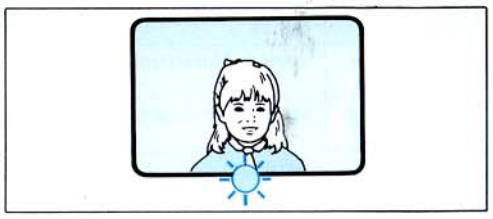
For greater stability and improved results when taking pictures, hold the camera as shown here. Make sure that lens, flash, and meter cell are not obstructed by your hands, the camera strap or otherwise. For vertically framed pictures, the flash should be on top.

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.



To Take a Picture:

1. Open the lens cover by moving the lens cover slide in the direction shown.
2. Frame your subject in the viewfinder.
3. Press the shutter-release button to take the picture.



As you press the shutter-release button down, a green lamp in the viewfinder glows to confirm that the camera is set for exposure. After the picture is taken, the film advances automatically and the number displayed in the frame counter increases by one.

- If the film stops advancing before the end of the roll, replace the batteries; **DO NOT OPEN THE BACK COVER**

8. FLASH

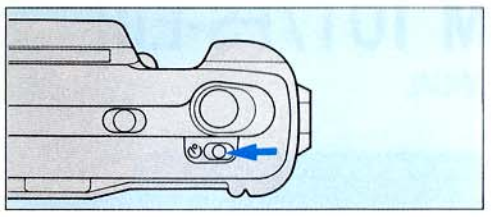
When required, the camera's flash fires automatically when the picture is taken. In these cases, if the flash is not yet charged, the shutter remains locked when the shutter-release button is pressed down. Continue pressing the shutter-release button. When the green viewfinder lamp glows, briefly remove your finger from the shutter-release button, then press it down again to take the picture.

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

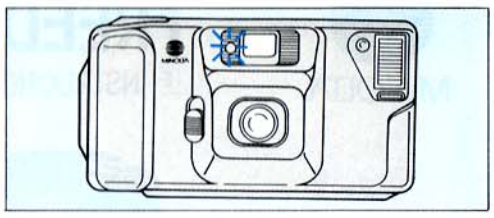
ISO 100	ISO 400
1.5-3.2m (5.0-10.5ft.)	1.5-6.4m(5.0-21.0ft.)

- Flash charging time depends on battery condition.
- In pictures of people taken with flash, your subject's eye may appear red. "Red-eye effect" as this effect is known, is caused by light reflected gack 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 as close as possible to your subject without the flash discharge becoming a disturbance.

9. SELF-TIMER



The camera's self-timer function can be used to set a shutter release delay. To use the self-timer, press the self-timer button instead of the shutter-release button; this starts the self-timer, and the picture will be taken about ten seconds later. While the self-timer is operating, the self-timer lamp on the front of the camera will glow.



In situations requiring flash, if the flash isn't already charged when you press the self-timer button, the self-timer won't operate; wait a moment for the flash to charge, then press the self-timer button down again.

- If you use the self-timer in conditions that require flash, charge the flash prior to setting the self-timer.
- If you want to cancel the self-timer, close the lens cover.

10. AUTOMATIC REWIND

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

- If the rewind motor stops before the frame counter returns to **0**, replace the batteries. **DO NOT OPEN THE BACK COVER.**

FOR OWNER'S OF QUARTZ DATA BACK MODEL:

Main features

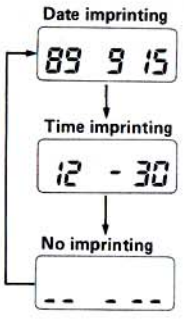
The data back can be used for printing date and time information directly on your film. Its main features are:

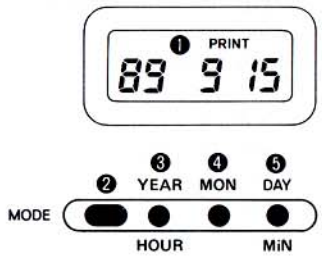
- Date (year/month/day) or time (hour/minute) imprinting on the film in the lower right corner of the image as seen in the viewfinder when the camera is held horizontally
- Automatic calendar and quartz clock
- Imprint on/off control

Names and Description of Parts

❶ **PRINT** indicator: appears for a few seconds following exposure to confirm imprinting
❷ **MODE** key: selects date, time, or no imprint mode
❸ **YEAR/HOUR** key: sets year (date mode) and hour (time mode)
❹ **MON** key: sets month (date mode) and synchronizes seconds (time mode)
❺ **DAY/MIN** key: sets day (date mode) and minute (time mode)

Use a ball point pen or similar object to operate the set keys. Holding the keys down causes the display to change rapidly.





Setting Date and Time

With date mode shown in the display, set the date by pressing the YEAR, MONTH, and DAY keys. Once set, the calendar advances automatically, with compensation for long and short months and leap years.

To set the time, have time mode displayed in the LCD panel. First, use the MON key to synchronize the seconds counter with another time signal. Then press the HOUR and MIN keys to set the correct time.

- When the MON key is pressed to sync the seconds counter, the minute setting advances if the seconds counter is between 30 and 59 and stays the same if the seconds counter is beteen 0 and 29.

Data Imprinting

After you take a picture, the **PRINT** indicator appears in the LCD panel to confirm that the displayed data has been imprinted. If you want to cancel data imprinting, press the **MODE** key so that -- - -- appears in the LCD panel.

Data may be difficult to read if imprinted on a subject area that is bright, white, or non-uniform. Also, legibility of the imprinted data may vary somewhat with film type.

- This unit is designed for use between 40° and 0°C (approx. 104° and 32°F). At temperatures outside this range, the LCD and imprinted data may become difficult to read. Even higher temperatures may cause the liquid crystals to turn black.

Power

A single 3V lithium cell powers the clock, liquid crystal display (LCD), and data imprinter. The back is supplied with a battery installed.

Battery Replacement:

When the display dims and becomes difficult to read, the battery should be replaced. To replace the battery, open the camera's back, slide the battery chamber's lock tab, and then use a screw driver or similarly shaped instrument to lift the cover away. Insert the new battery (+ side up), replace the battery chamber cover, and then snap it into place to close.

Following replacement, reset date and time. If the battery is not installed correctly, or is exhausted, no display will appear.

Warning: Keep batteries away from children.

CARE AND STORAGE

- If lens becomes dirty, clean it gently with a lens brush. If necessary, moisten a sheet of lens tissue with one drop of lens-cleaning fluid and gently wipe lens. Never touch 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 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 40° and -10°C (104° and 14°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 irreprable damage to internal parts.
- 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.
- 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 provided).
- Do not attempt to disassemble or repair the camera yourself.
- To assure prompt service, please contact an authorized Minolta Service Center before shipping your camera for repairs.
- 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.

TROUBLE SHOOTING

Problem	Cause	Solution
Entire picture blurred	Camera Movement	Hold camera steady and release shutter gently
Subject out of focus	Subject too close to camera	Make sure subject is at least 1.5m (5 ft.) 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 exhausted	Open lens cover Replace battery

TECHNICAL DETAILS

Type: Compact, fully automatic 35mm camera
Lens: 35mm f/4.5 lens
Focusing: Fixed focus; range: 1.5m (5 ft.) to infinity
Exposure system: Center-weighted metering; programmed automatic exposure; range at ISO 100: EV 9.6 to EV 16.2
Flash system: Automatic charge activation; flash fires automatically when required; shutter locks until flash charged; green lamp glows when flash is charged
Film-speed range: ISO 100 to 400 DX-coded negative film; ISO 100 set for films without DX coding
Viewfinder signals: green indicator lamp
Film transport: Automatic threading, auto advance to first frame, auto winding, auto rewind and auto rewind stop
Self-timer: Self-timer with 10 second delay; operation indicated by light on front of camera
Power: Two AA-size 1.5-volt alkaline or 1.2-volt nickel-cadmium batteries
Battery performance: Alkaline cells: 23 rolls, nickel-cadmium cells: 12 rolls (Based on Minolta's standard test method, using 24 exposure film with flash on 50% of exposure)
Dimensions: 129 X 69.5 X 47mm; (5-1/16 X 2-11/16 X 1-1/8 in.)
QD-model: 129 X 69.5 X 50.5mm (5-1/16 X 2-11/16 X 2 in.)
Weight (without batteries): 200g (7-1/2oz)
QD-model: 215g (7-9/16oz)

Specifications subject to change without notice