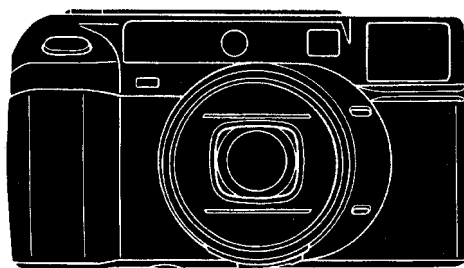


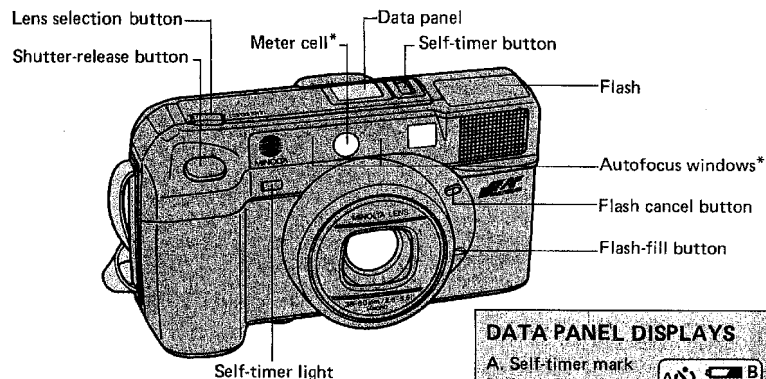


FREEDOM TELE/AF-TELE SUPER

[E] INSTRUCTION MANUAL

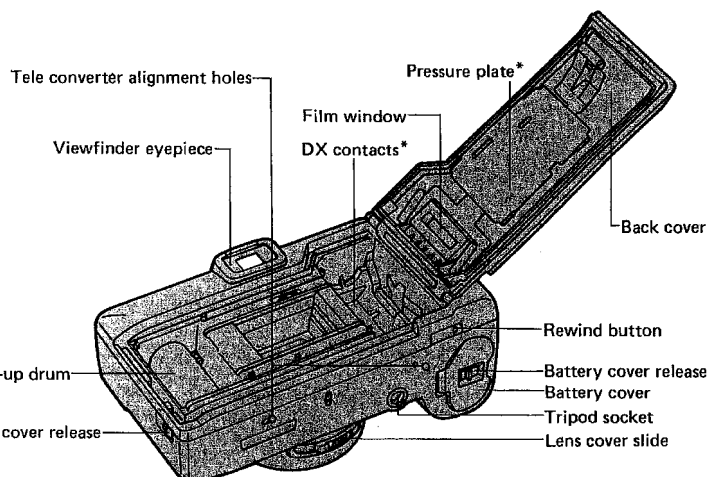


NAMES OF PARTS



DATA PANEL DISPLAYS

- A. Self-timer mark
- B. Low-power mark
- C. Film loaded
- D. Frame counter



*Do not touch

MAIN FEATURES

Your Minolta Freedom Tele/AF-Tele Super is an intelligent compact 35mm camera that offers many advanced features to simplify operation and improve picture quality:

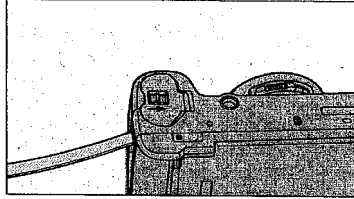
- Dual lens selection:
 - 38mm lens for group shots and scenics
 - 80mm lens for portraits and candids
 - Macro capability down to 2.3ft. (0.7m) without special settings
- Intelligent multi-beam autofocus with cancelable focus hold
- Intelligent automatic metering for proper exposures in any lighting
- Fast recycling, automatic switchover flash
- Automatic fill-flash capability

- Large, bright viewfinder
- Fully automatic film transport
- Automatic setting of film speed
- Manual flash control for creative effects
- Optional 1.3X Tele Converter lens and other accessories

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.

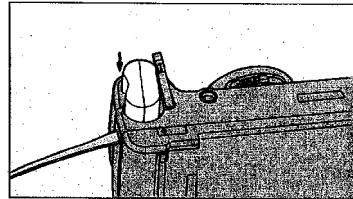
If you have any questions about this camera, contact your local camera dealer or the Minolta distributor or subsidiary in your area.

POWER



The Freedom Tele/AF-Tele Super is powered by a 2CR5-type 6-volt lithium battery. To install the battery:

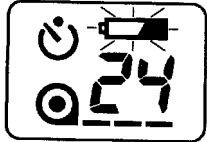
1. Slide the release tab in the direction shown above, then lift the edge of the battery chamber cover.



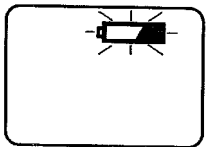
2. Insert the battery according to the marks on the battery compartment, then snap the cover shut.

To check the battery:

Open the lens cover and press the shutter-release button slightly. When the display appears without the "⚡" mark, battery level is OK.



If the blinking "⚡" mark appears with the other displays, battery power is low. The battery should be replaced soon.



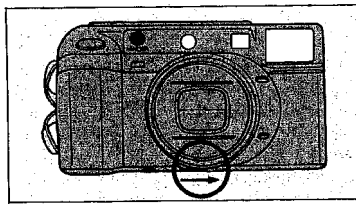
If the blinking "⚡" mark appears alone or if no displays appear, replace the battery.

- Before removing the old battery, close the lens cover slide.
- We suggest that you replace the battery immediately after removing the old one. If film is loaded in the camera and the battery is left out for more than 10 minutes, the frame counter will revert to "1". The number will increase by one and blink for two seconds after each picture is taken.
- Successive flash exposures may cause the low-battery signal to appear in the data panel. If this occurs, rest the camera for a minute, then resume the operation. If the low-battery signal still appears, replace the battery.

BATTERY CAUTIONS

- Keep battery away from children.
- Follow all instructions supplied by battery manufacturer.
- Keep battery contacts clean.

LENS COVER



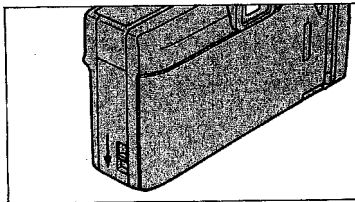
When the lens cover is closed, the camera is switched off. To take pictures, first move the lens cover slide in the direction shown above. When you are finished taking pictures, close the lens cover to protect the lens and prevent accidental exposures.

FILM

Only 35 mm films can be used in this camera. With DX-coded films ("DX" is printed on the cartridge), Film speeds from ISO 50 to 3200 are set automatically. The camera sets the film speed to ISO 100 when cartridges without DX coding are loaded.

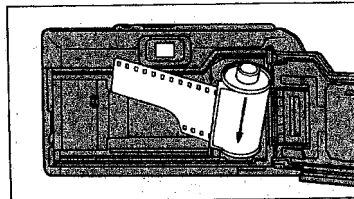
- 72-exposure cartridges and Polaroid instant 35mm films cannot be used.

HOW TO LOAD FILM



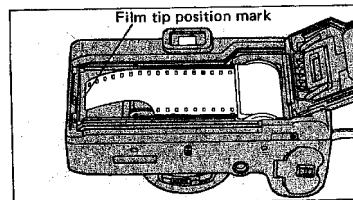
1. Open the lens cover slide, then open the back cover.

- Make sure the frame counter shows "0" before opening the back cover.

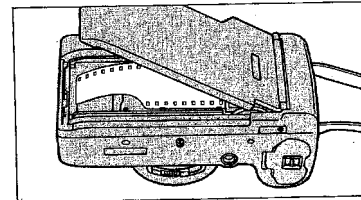


2. Place film cartridge into film chamber as shown above.

CAUTION: Load film in subdued light, keeping it shaded from direct sunlight.



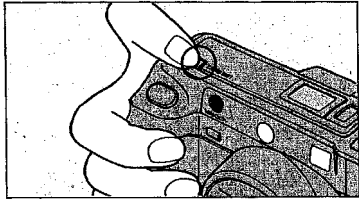
3. Lay film flat between the guide rails and extend the tip of the film over the take-up drum to the orange film mark. If the film extends too far, gently push the excess back into the cartridge.



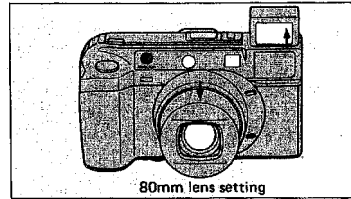
4. Close back cover. Film will advance automatically to the first frame. When "1" appears in frame counter, you are ready to start taking pictures.

- If "0" blinks in the frame counter, film is not loaded correctly. Open the back cover and repeat steps 2 to 4.

LENS SELECTION



When the lens cover is opened, the camera's 38mm lens is set automatically. To select the 80mm lens, press the lens selection button. To reselect the 38mm lens press the button again.



80mm lens setting

The viewfinder adjusts automatically to show the proper framing for the lens in use. Also, the flash position changes automatically to provide the proper flash coverage at each lens setting.

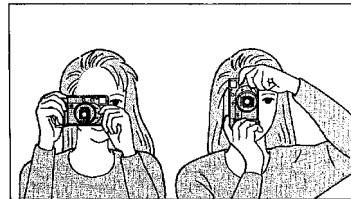


38mm Standard



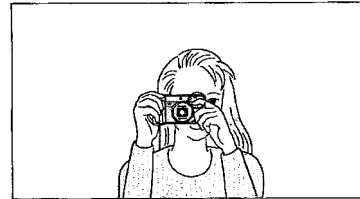
80mm Tele

HOLDING THE CAMERA



OK

For greater stability when taking pictures, hold camera as shown above. Make sure that lens, flash, autofocus windows, and meter



X

cell are not obstructed by your hands, camera strap, etc. For vertical pictures, the flash should be on top.



A. Autofocus zone: Aim the camera so that your subject fills part of this area.

B. Close-framing marks: Compose the picture within the blue-shaded area when your subject is from 2.3 to 3.3ft. (0.7 to 1m) with the 38mm lens or 2.3 to 6.6ft. (0.7 to 2m) with the 80mm lens.

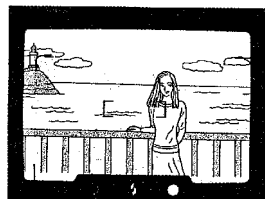
C. Green okay lamp glows when focus and exposure are correct to take a picture without flash. The lamp blinks when subject is too close (closer than 2.3ft. (0.7m)). You can still take a picture, but the focus may not be correct.

D. Green flash-charged lamp glows to confirm that flash will fire. The lamp blinks if distance between the camera and subject is too close or too far for correct flash exposure; you can take a picture, but the exposure may not be correct.

E. Red flash-wait lamp glows when flash is not charged. Shutter cannot be released when the red lamp glows. Wait a few seconds for the flash to charge. When flash cancel is used, the lamp blinks if the light level is below the camera's metering range.

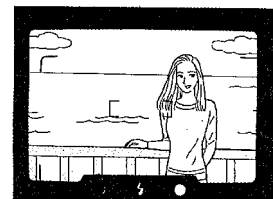
- Whenever one of the lamps glows or blinks, the focus is held until you lift your finger from the shutter-release button.

TAKING PICTURES



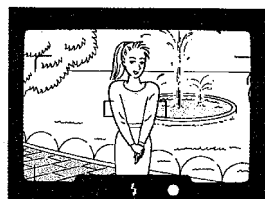
For pictures with the subject centered in the frame:

Compose the picture so the subject fills part of autofocus zone, then press shutter-release button part way down. If either the green okay or flash-ready lamp glows, press the shutter-release button all the way down to take the picture. The flash will fire automatically if required for correct exposure.



After you take a picture, the camera will automatically advance the film one frame, and the frame number will increase by one.

- If film stops advancing and the shutter locks before the end of the roll, replace the battery. **DO NOT OPEN THE BACK COVER.**



Step 1: Aim camera so autofocus zone is on subject and press shutter-release button partway down. One of the green lamps will glow to indicate that focus is locked on the subject.

Using Focus Hold

If you want to take a picture with your subject outside of the autofocus zone, use focus hold as shown above:



Step 2: While still pressing the button, recompose the picture, then press the button all the way down to take the picture.

- When you press the shutter release button partway down, the camera also locks the exposure setting, thus ensuring proper exposure of your main subject.
- Focus hold can be cancelled at any time by lifting your finger from the shutter-release button.

Special Focusing Situations

Focus hold is also useful for obtaining accurate focus on subjects difficult for autofocus, such as those listed below. In such cases, use focus hold to set the focus distance on another object at an equal distance.

- Brightly light sources such as the sun or neon lights
- Highly reflective surfaces such as water, mirrors, etc.
- Unsubstantial objects such as flame, fireworks, hair, etc.
- Dark objects and surfaces with low reflectivity
- Objects behind glass, windows, etc.

FLASH INFORMATION

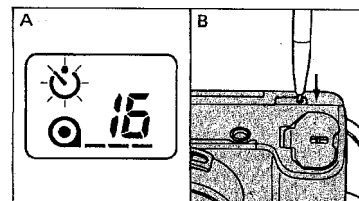
This camera uses an "intelligent" flash system that automatically decides when flash is needed, such as low-light situations indoors and before or after sunset. In daylight, if your subject is in shadow or if the background is much brighter than your subject, the flash will fire to lighten the dark shadow areas.

- When taking flash pictures, your subject's eyes may appear red. The "red-eye" effect occurs when light is reflected from the retinas of your subject's eyes back to the camera. This effect is most noticeable in low light, especially if your subject has blue eyes. To help minimize "red-eye", turn on additional lights in the room and ask your subject to look at the lights for a moment just before you take the picture.

AUTO REWIND

After the last frame on the roll is exposed, rewinding starts automatically and the frame number decreases as the film is rewound. When rewinding is finished, the motor shuts off and the "⓪" mark blinks in the data panel. Open the back cover and remove the film.

- If when the rewind motor stops the LCD appears as shown (A), **DO NOT OPEN THE CAMERA**. The blinking display with the low battery signal indicates that a fresh battery is required to complete film rewind. Insert a fresh battery. If rewind does not start right away, press the rewind button to resume.



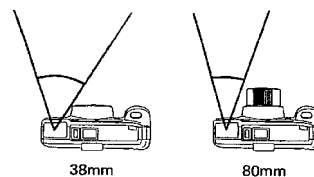
Manual rewind start

To start the rewind motor before the end of the roll, use a ball-point pen (or similar object) to press the rewind button located on the bottom of the camera (B).

- If the motor stops but the "⓪" mark does not start blinking, insert a new battery. **DO NOT OPEN THE BACK COVER.**

Flash Range

The green flash-charged lamp blinks if the distance between the camera and subject is too close or too far for correct flash exposure. The table shows the flash ranges for ISO 50 through 3200 films. For best results, your subject should be within the range for the film you are using.



ISO Film Speed	38mm lens	80mm lens
50,64	2.3 – 10.8 ft. (0.7 – 3.3m)	2.3 – 9.2 ft. (0.7 – 2.8m)
100	2.3 – 14.8 ft. (0.7 – 4.5m)	2.3 – 13.1 ft. (0.7 – 4m)
200	2.3 – 20.7 ft. (0.7 – 6.3m)	2.3 – 18 ft. (0.7 – 5.5m)
400	2.3 – 29.5 ft. (0.7 – 9m)	2.3 – 26.2 ft. (0.7 – 8m)
800,1000	2.3 – 41 ft. (0.7 – 12.5m)	2.3 – 36.1 ft. (0.7 – 11m)
1600	2.3 – 59.1 ft. (0.7 – 18m)	2.3 – 52.5 ft. (0.7 – 16m)
3200	2.3 – 82 ft. (0.7 – 25m)	2.3 – 72.2 ft. (0.7 – 22m)

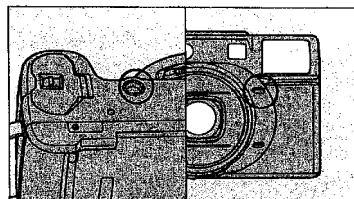
Manual Flash Control



Your camera automatically fires the flash whenever it is needed in low-light or high-contrast situations. You can also override the automatic flash system and control the flash manually.

Flash cancel button

Pressing the flash cancel button prevents the flash from firing during the exposure. When taking pictures in a museum, you may not be permitted to take flash pictures. Further, you can prevent the flash from firing when you want to take pictures of fireworks or twilight scenes.



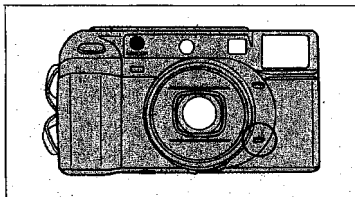
To use:

1. Attach the camera to a tripod or steady against a wall or table.
2. Hold in the flash cancel button (marked OFF) while pressing the shutter-release button. The red flash-wait lamp will blink to warn that the shutter speed is very slow.

- To prevent blurred pictures (caused by camera shake), you can use the self-timer to release the shutter: Simply press the self-timer button, then hold in the flash cancel button while pressing the shutter-release button.
- Since the light level may be below the camera's metering range, correct exposure cannot be assured when using the flash cancel button.

Flash-fill button

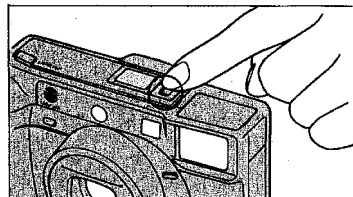
By holding in the flash-fill button (marked ON) while pressing the shutter-release button, you can fire the flash in brightly light scenes. For example, if you take pictures under fluorescent lighting, your subject may have a greenish cast.



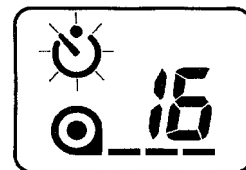
To use:

1. Hold in the flash-fill button.
 2. Aim the camera at the subject and press the shutter-release button partway down.
 3. Check that the green flash-ready lamp is glowing, then press the shutter-release button all the way down to take the picture.
- Make sure that the subject is within the flash range for your film.

SELF-TIMER



For a 10-second delay of shutter release, press the self-timer button to set the self-timer mode. The self-timer mark "⌚" will appear in the data panel. To take a picture, aim the camera in the usual way and press the shutter-release button all the way down. The self-timer light and mark blink during the ten seconds before the shutter is released.



If you want to take another picture using the self-timer, repeat the above steps.

- To cancel the self-timer, slide the lens-cover slide to its close position.

TROUBLESHOOTING GUIDE

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 2.3 ft. (0.7m) away.
	Autofocus zone not on main subject	Use focus hold
	Special focusing situation	Use focus hold on another object 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	Keep hands, camera strap, and other objects away.
	Subject beyond flash range	In low light, make sure subject is within flash range
Shutter cannot be released	Lens cover closed	Open lens cover.
	Battery is exhausted	Replace battery.

- 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 on the back of this manual).
- 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.

TECHNICAL DETAILS

Type: Compact autofocus 35mm camera with dual lens selection

Lenses: 38mm f/2.8 and 80mm f/5.6 lenses; motorized lens selection

Focusing: Infrared active-type multi-beam autofocus with cancelable focus hold and coupled autoexposure lock; range: 2.3 ft. (0.7m) to infinity

Exposure system: Programmed autoexposure with automatic flash activation controlled by multi-zone metering and subject-distance data; exposure range at ISO 100: EV 6 to EV 17 (1/8 sec. at f/2.8 to 1/400 at f/18) with 38mm lens, EV 8 to EV 19 (1/8 sec. at f/5.6 to 1/400 sec. at f/36) with 80mm lens

Flash system: Flash fires automatically in low light or backlit situations; flash coverage changes automatically according to lens

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.

- 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 camera directly from an extremely cold to warm area, since condensation may form inside and prevent normal operation.
- Do not let camera get wet. Water seepage could result in costly or irreparable damage to internal parts.
- When not in use, keep camera in a cool, dry place away from dust and chemicals. For extended storage, we recommend that you place camera in an airtight container with a drying agent such as silica gel.

setting; manual activation cancellation of flash possible; shutter locks until flash charged; flash recycling: approximately 1.8 seconds

Film-speed range: Automatic setting for DX-coded ISO 50-3200; ISO 100 set when using films without DX coding

Viewfinder: Real-image type with autofocus zone, close-framing marks, green okey lamp, green flash-ready lamp, red flash-wait lamp; magnification: 0.48X with 38mm lens, 1X with 80mm lens; image area: 85% at 3 meters

Film transport: Automatic threading, auto advance to first frame, auto winding, auto rewind and auto rewind stop; manual start of auto rewind possible

Data panel: Liquid-crystal display (LCD) indications for self-timer, low power, film

loaded, and frame number

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

Power: 6v lithium battery pack (2CR5)

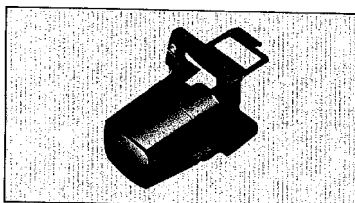
Battery performance: Approximately 35 rolls (Based on Minolta's standard test method, using 24-exposure film with flash on 50% of exposures)

Dimensions: 5-5/16(W) x 3(H) x 2-3/16(D) in. (135.5 x 75.5 x 55mm)

Weight: 12-3/16 oz. (345g) without battery

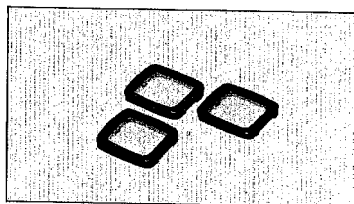
Specifications subject to change without notice.

OPTIONAL ACCESSORIES



Tele converter

The 1.3X Tele Converter is available for the Freedom Tele/AF-Tele Super. When attached to the camera, the effective focal length is 105mm—perfect for telephoto shots of people and distant outdoor scenes.



Creative filter set

A set of three filters is also available. The soft focus filter is ideal for romantic portraits. The star filter makes lights and sunlit reflections appear shiny and dazzling. The fog filter creates a fog effect in landscape photos.

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