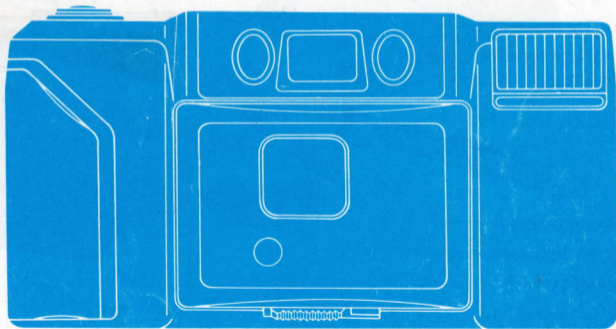


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# AF-E

OWNER'S MANUAL  
BEDIENUNGSANLEITUNG  
MODE D'EMPLOI  
MANUAL DE INSTRUCCIONES

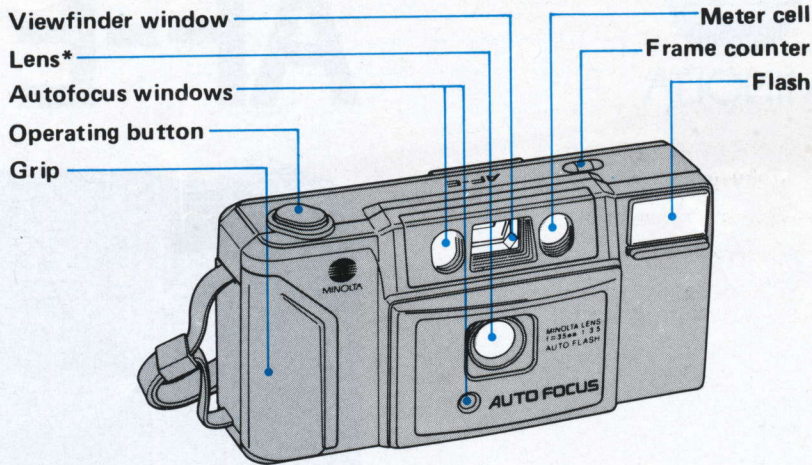



## MAIN FEATURES

- Automatic switch-over flash
- Automatic film-speed setting with "DX" films
- Carefree auto loading system
- Automatic winding and rewinding
- Autofocus
- Automatic exposure control
- Built-in sliding lens cover

• Optional accessories are shown on p. 56.

## NAMES OF PARTS





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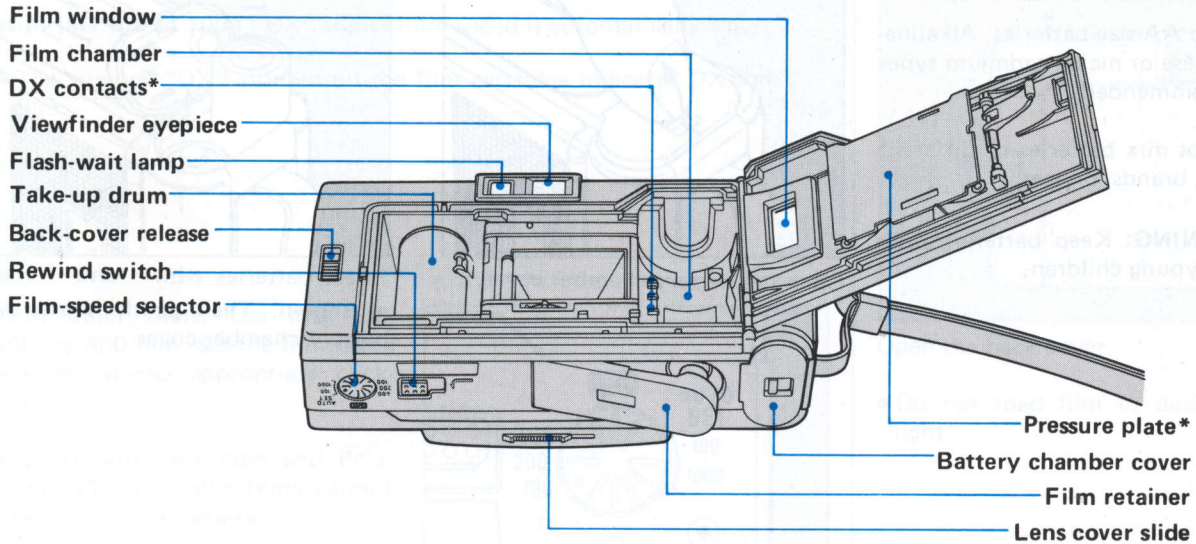
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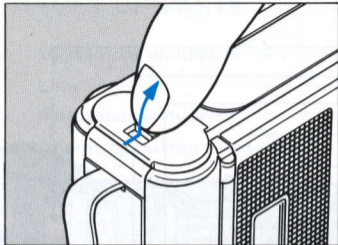
\* DO NOT TOUCH

## BATTERIES

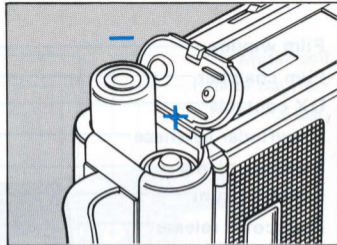
Use two AA-size batteries. Alkaline-manganese or nickel-cadmium types are recommended.

- Do not mix batteries of different types, brands, or ages.

**WARNING:** Keep batteries away from young children.



Open the battery chamber cover.



Insert batteries with + and - ends as shown. Then gently close the battery chamber cover.

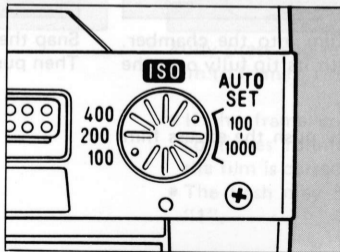
## FILM SPEED

**With ISO 100 to 1000 "DX" films:** Film speed is automatically set.

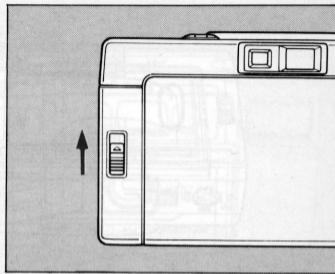
- The symbol "DX" printed on the film cartridge indicates DX-coded film.

**With other films:** Use ISO 100, 200, or 400 film. Set the film-speed selector at the appropriate click-stop.

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

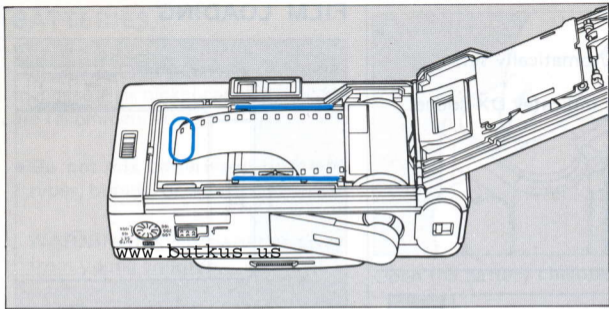


## FILM LOADING



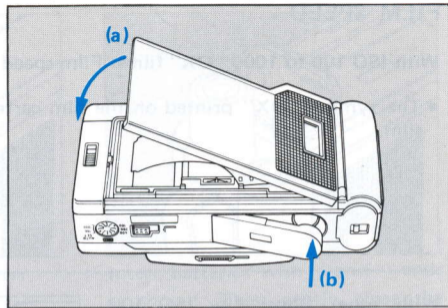
Open the back cover.

- Do not load film in direct sunlight.

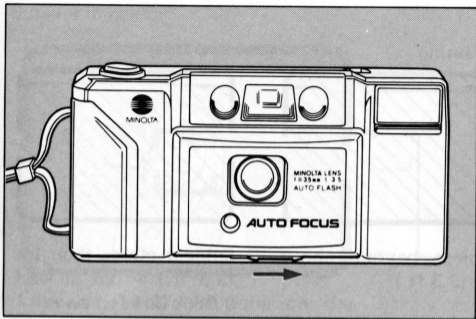


With the film retainer open, place the film into the chamber. Rest the film flat between the guides, with its tip fully over the take-up drum.

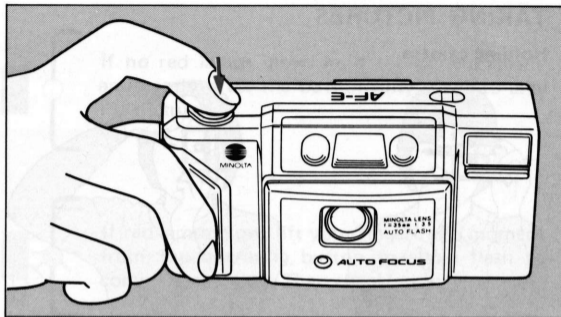
- If the film leader extends too far, gently push the excess film back into the cartridge.



Snap the back cover shut **(a)**.  
Then push up the film retainer **(b)**.



Open the lens cover.

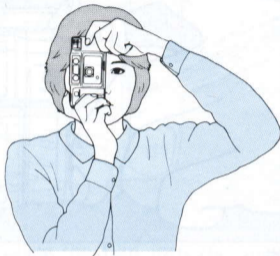


Fully press and release the operating button to advance the film to frame "1".

- If the frame counter does not advance and the motor continues running, open the back cover and make sure the film is correctly positioned.
- The flash may fire when the film is advanced to frame "1".

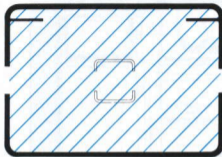
## TAKING PICTURES

### Holding camera

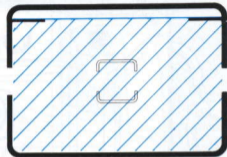


Make certain that the lens, flash, autofocus windows and meter cell are not obstructed by your hands, hair, camera strap, etc. For vertical pictures, the flash should be on top.

### Framing

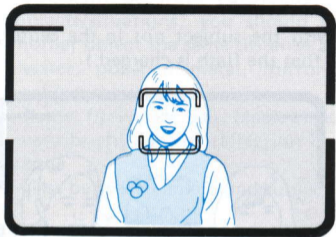


Subject beyond about  
1m (3.3 ft.)

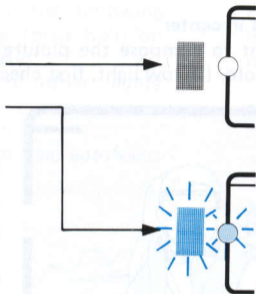


Subject closer than 1m  
(3.3 ft.) — but at least  
0.65m (2.1 ft.) away

### Subject in center



With the autofocus zone on the main subject, **partly** press the operating button.



If **no** red lamps glow, hold the camera steady and gently press the button **fully** down to take the picture.

If red lamps glow, lift your finger for a moment from the operating button to allow flash to complete charging. Then check again.

- If the shutter is released when the red lamps are still on, exposure may be incorrect.
- Replace the batteries if the red lamps still come on after waiting about 10 sec. with nickel-cadmium or 20 sec. with other types.

### In low light

The flash automatically fires when needed, such as indoors or before and after sunset. Flash range is:

0.65m (2.1 ft.) ~ 3.6m (11.8 ft.)

for ISO 100

0.65m (2.1 ft.) ~ 5m (16.4 ft.)

for ISO 200

0.65m (2.1 ft.) ~ 7m (23 ft.)

for ISO 400 & 1000

- To keep eyes (especially blue ones) from appearing red, turn on additional lights or have the subject look slightly away from the lens.

### Subject not in center

If you want to compose the picture with the subject not in the center, use focus hold. (In low light, first check that the flash is charged.)



Shift the camera so the autofocus zone is on the subject. Then **partly** press the operating button.



While **holding** the button **partway** down, recompose as desired. Then take the picture.

- Focus hold can be canceled by removing your finger from the button.

### **Special focusing situations**

To obtain accurate autofocus for the following subjects/situations, you should use focus hold on another object the same distance away:

- water, polished metal, mirror, or other highly reflective surface
- flame, fireworks, hair, black objects
- very bright light or reflection in or near autofocus zone
- glass between camera and subject

### **Film advance**

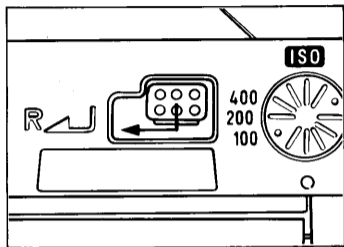
After taking a picture, let the operating button pop back up. The film will automatically advance one frame.

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

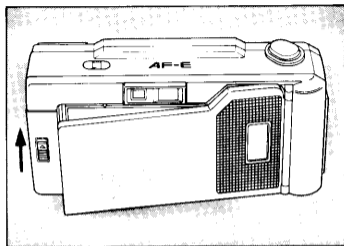
### **After taking pictures**

Close the lens cover. This protects the lens, locks the shutter, and prevents battery drain.

## FILM REWINDING



After taking all pictures, slide the rewind switch to start automatic film rewinding.



When the rewind motor stops at the beginning of the film, check that the frame counter has returned to "S". Then open the back cover and remove the film.

- If the rewind motor stops before the frame counter returns to "S", replace the batteries. **DO NOT OPEN THE BACK COVER.**
- The rewind switch should not be operated when the back cover is open or no film is inside.

## IMPROVING YOUR PICTURES

Problem	Probable cause	Solution
Whole picture blurred	Camera movement	Hold camera steady and release shutter gently.
Subject out of focus	Autofocus windows obstructed Subject too close to camera Autofocus zone not on—or only partly on—main subject Operating button pressed too fast for proper focusing Special focusing situation	Keep hands, camera strap, and other objects away. Make sure subject is at least 0.65m (2.1 ft.) away. Carefully follow instructions for focus hold.  Press button gently.  Carefully follow instructions for focus hold.
Picture foggy or has blurry areas	Dirty lens	Clean lens as explained in next section.
Picture too dark, or partial picture	Lens or flash obstructed Flash not fully charged Subject too far for flash	Keep hands, camera strap, and other objects away. Make sure red lamps are not glowing (see p. 7). In low light, make sure subject is within flash range (see p. 8).
Main subject too dark	Sun or bright background (as window or snow) behind subject	Keep sun behind you or to one side, or position subject against darker background.

## TAKING CARE OF YOUR CAMERA

- If the 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 the lens. Never touch the lens surface with your hands or clothing.
- Never use alcohol or chemical solvents on the camera body. If it is dirty (as after use near salt water), wipe it gently with a soft, clean, dry cloth.
- The camera should never be left in places (as in motor vehicle) where it may be subject to high temperature or high humidity.
- Using the camera at very low temperatures hinders its performance, so keep it warm inside your coat or pocket and carry fresh spare batteries (nickel cadmium are recommended). Never transfer the camera directly from very low to high temperatures, as condensation may form inside and prevent normal operation.

- Never subject the camera to shock or vibration.
- When not using the camera, keep it in a cool, dry place away from dust and chemicals. Batteries (especially old ones) should be removed if the camera will not be used for many weeks. For extended storage, use an airtight container with a drying agent such as silica gel.

If you have questions about operation of your camera, feel free to contact your local Minolta agent or distributor by writing one of the offices listed at the back of this manual.

To assure prompt service, please contact your Authorized Independent Service Center before sending your camera for repairs.

## TECHNICAL DETAILS

**Type:** Compact autofocus 35mm camera with automatic switch-over flash, DX auto film-speed setting, and auto loading and film transport system

**Lens:** Minolta 35mm f/3.5 lens with built-in lens cover; 4 elements in 4 groups; angle of view: 63°

**Film speed setting:** Automatic setting for ISO 100 to 1000 DX films; manual setting at ISO 100, 200, 400

**Film transport:** Auto threading, one-step advance to first frame, auto winding, auto rewind

**Viewfinder:** Bright-frame type with normal-framing guide, close-framing guides, autofocus zone, flash-wait signal; magnification: 0.45X; power: -1D

**Exposure control:** Electronically programmed from EV 9 to EV 16.2; silicon photocell

**Focusing:** Infrared autofocus system (0.65m [2.1 ft.] to infinity) with cancelable focus hold

**Flash control:** Flash automatically fires in low-light conditions; automatic charge activation

**Power:** Two AA-size alkaline-manganese, sealed carbon-zinc, or rechargeable nickel-cadmium batteries; shutter locks when batteries are exhausted

**Battery performance:** Using 36-exposure film

Type of battery	Without flash	With flash
Alkaline-manganese	90 rolls	8 rolls
Nickel-cadmium	50 rolls	4 rolls

\* As determined by standard Minolta test methods at normal temperatures

**Dimensions:** 131.5 x 65.5 x 45.5mm (5-3/16 x 2-9/16 x 1-13/16 in.)

**Weight:** 245g (8-5/8 oz.) without batteries

Specifications subject to change without notice