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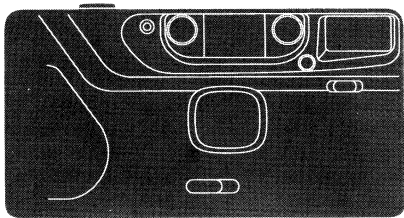
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# AF 101R F 20R

INSTRUCTION MANUAL  
BEDIENUNGSANLEITUNG  
MODE D'EMPLOI  
MANUAL DE INSTRUCCIONES  
簡明用法



## NAMES OF PARTS

1. Meter window\*
2. Autofocus windows\* (AF 101R only)
3. Viewfinder window\*
4. Red-eye-reduction lamp
5. Flash
6. Flash switch
7. Lens\*
8. Main switch
9. Back-cover release
10. Shutter-release button
11. Frame counter
12. Safe-load signal
13. Rewind switch
14. Battery cover

\* Do not touch

### Viewfinder

1. Close-framing guides (AF 101R only)

When your subject is closer than 1.8m (5.9ft.), the picture should be composed within this frame.

2. OK lamp
3. Focus frame (AF 101R only)

## CARE AND STORAGE

- 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 fingers.

- Never use alcohol or chemical solvents on the camera body. If it is dirty, wipe it gently with a soft, clean, dry cloth.

- Do not subject the camera to shock, high heat or humidity.

- This camera is designed for use between  $-10$  and  $40^{\circ}\text{C}$  ( $14$  to  $104^{\circ}\text{F}$ .). 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.

- Do not let the camera come in contact with sand, salt or other grit.

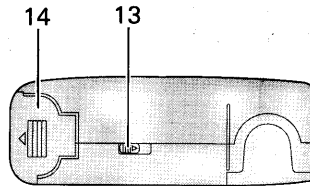
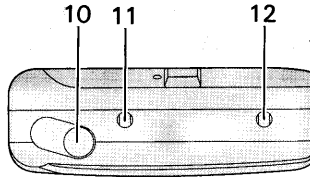
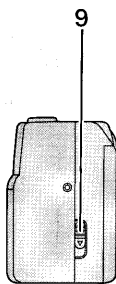
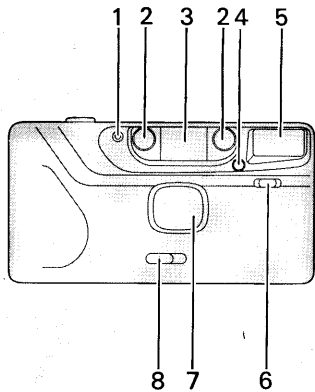
- When not in use, keep the camera in a cool, dry place away from dust and chemicals. For extended storage, place the camera in an airtight container with a drying agent such as silica gel.

- Do not attempt to disassemble or repair the camera yourself.

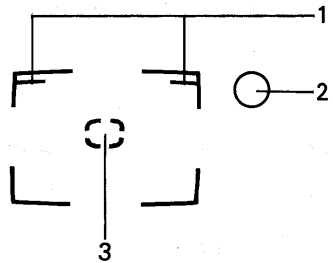
- This camera's circuitry may switch off, even when a battery with sufficient power is installed. To resume operation, remove the battery and install it again.

- To assure prompt service, please contact an authorized Minolta Service Center before shipping your camera for repairs.

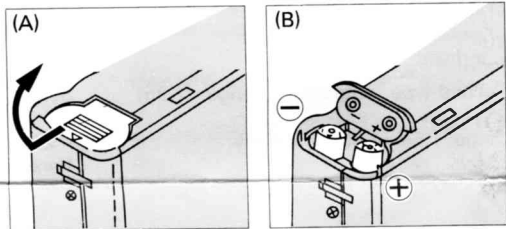
- For more information about your camera, contact you local camera dealer or write to the Minolta distributor or subsidiary



Viewfinder  
*Sucher*  
*Viseur*  
 Visor  
 觀景窗



écrire à votre agent  
plus proche.



## 1. INSERTING BATTERIES

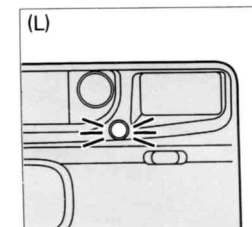
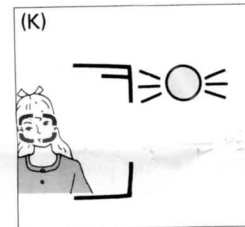
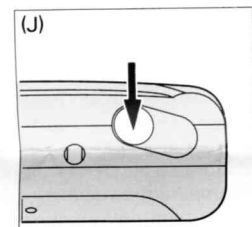
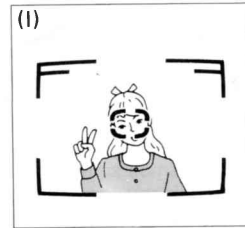
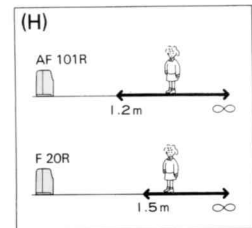
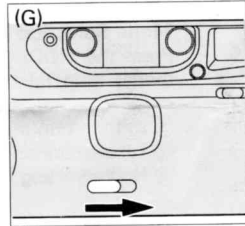
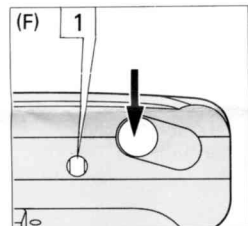
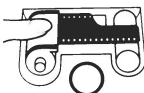
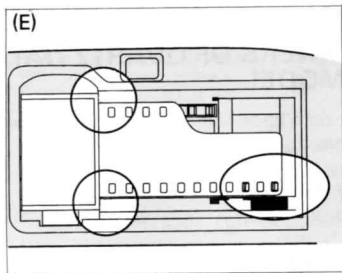
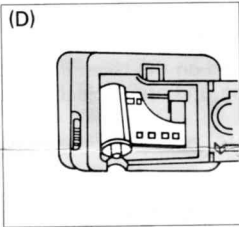
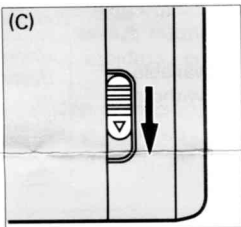
Use two AA-size alkaline or carbon-zinc batteries. For optimum performance, alkaline cells are recommended. Open the battery-chamber cover (A), and insert the batteries as indicated on the inside of the battery-chamber cover (B). To close the cover, press it down, then push it back to the original position firmly.

- The camera will not operate without batteries.

The following types of batteries are compatible with this product: 2 AA-size alkaline-manganese batteries or 2 AA-size carbon-zinc batteries.

### **WARNING**

MIXED OR INDIVIDUAL USE OF ANY OTHER BATTERIES NOT SPECIFIED ABOVE, OR MIXED USE OF ABOVE BATTERIES MAY CAUSE PROPERTY DAMAGE OR PERSONAL INJURY.



## 2. LOADING FILM

Use 35mm, ISO 100 to 400 negative films. Polaroid instant films cannot be used.

● Load film in subdued light or shade.

1. Make sure the frame counter is at S and slide the back-cover release down to open the back cover (C).

2. Insert the film cartridge into the film chamber (D).

3. Extend the tip of the film over the take-up drum and align it to the film-leader index. To prevent film-loading error, **make sure the film tip is aligned with the film-leader index exactly (E).**

● The film must be positioned between the film guide rails. Otherwise, film transport error may occur.

● If the film tip extends beyond the red mark, gently push the excess film back into the film cartridge.

4. Close the back cover.

5. Slide the main switch to open the lens cover, and press the shutter-release button three or four times until "1" appears in the frame counter (F). The safe-load signal will turn if the film is correctly loaded.

## 3. TAKING PICTURES

1. Slide the main switch to open the lens cover (G).

2. Make sure your subject is within the camera's focusing range (H).

3. Hold the camera steadily, and make sure that your fingers or the camera strap do not cover the lens, flash, or meter window. When taking vertically-framed pictures, hold the camera so that the flash is on top.

4. Compose your picture. If you are using AF 101R, center the focus frame on your subject (I).

5. Press the shutter-release button partway down, then press all-the-way down to take the picture (J).

● Wait for the green flash lamp to glow before you take the pictures (K).

● When the shutter-release button is pressed partway down, the red-eye-reduction lamp glows to reduce red-eye in flash pictures (L).

● The film automatically advances to the next frame.

● When you have finished taking pictures, close the lens cover. This protects the lens and prevents accidental exposure.

### Focus Hold (AF 101R only)

Position the focus frame on your main subject and press the shutter-release button partway down. With your finger still on the shutter-release button, reposition the picture as desired. Fully depress the shutter to take the picture.

● When you photograph dark objects or if your subject is lit strongly from behind, lock

● After you have taken the number of frames indicated on the film cartridge (eg. 24 frames on a 24 exposure roll of film), you must rewind the film. Otherwise, additional pictures will overlap in the last frame.


## 4. FLASH SWITCH

The flash switch has three positions.


### Automatic

The camera automatically fires the flash whenever necessary (M).

### Manual Fill-Flash

This mode is effective to balance the exposure of your subject with the relatively brighter background. To use manual fill-flash, slide the flash switch to  and hold it while you take the picture (N).

### Flash Cancel

When you're photographing twilight scenes or distant subjects that are beyond the flash range, cancel the flash. To cancel the flash, slide the flash switch to  and hold it while you take the picture (O).

● Make sure your subject is within the flash range listed below.

	AF 101R	F 20R
ISO 100	1.2-3.0m/3.9-9.8ft.	1.5-2.7m/4.9-8.8ft.
ISO 400	1.2-6.0m/3.9-19.6ft.	1.5-5.4m/4.9-18.3ft.

## 5. REWIND

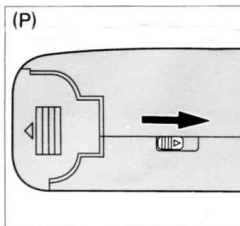
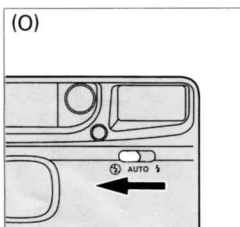
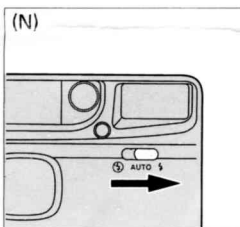
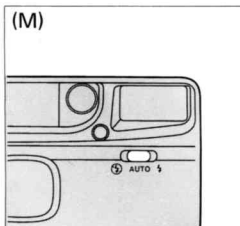
1. Slide the rewind switch in the direction shown to start rewinding. The rewind switch will lock and the frame counter counts backwards during rewind (P).

2. When rewinding is complete, the motor shuts off and the frame counter shows "S". Open the back cover and remove the film.

● If the frame counter shows anything other than "S" when the rewind motor stops, **DO NOT OPEN THE BACK COVER**. Replace the batteries, slide the rewind switch, and wait until rewind is complete before opening the back cover.

● After you have taken the last picture, rewind the film and turn off the camera to prevent battery drain.

● Never pull the film out of the camera. Always use automatic rewind.



# BATTERY CAUTIONS

- Read and follow all warnings and instructions supplied by the battery manufacturer.
- When inserting batteries, make sure that the (+) and (-) terminals face in the correct direction.
- Never use batteries that show signs for leaking or cracking.
- To prevent battery leakage or bursting, never mix batteries of different types, brands, or ages.
- Used batteries should not be discarded in fire.
- Keep batteries away from children.

# TECHNICAL DETAILS

**Lens:** 28mm f/5.6

## Focusing

**AF 101R:** Infrared active-type autofocus; range: 1.2m (3.9ft.) to infinity

**F 20R:** Fixed focus; range: 1.5m (4.9ft.) to infinity

**Shutter speed:** 1/125sec.

**Film-speed range:** ISO 100 to 400 for DX-coded negative film

## Flash range (ISO 100)

**AF 101R:** 1.2 to 3m (3.9 to 9.8ft.)

**F 20R:** 1.5 to 2.7m (4.9 to 8.8ft.)

**Recycling time:** approx. 8sec.

**Battery performance:** Alkaline cells; approx. 20 rolls; (based on Minolta's standard test method, using 24 exposure film with flash on 50% of exposures)

**Dimensions:** 118(W) x 63(H) x 42(D)mm  
(4-5/8 x 2-1/2 x 1-5/8in.)

**DATE model:** 118(W) x 63(H) x 45.5(D)mm  
(4-5/8 x 2-1/2 x 1-13/16in.)

## Weight (without Battery):

**AF 101R:** 165g (5-13/16oz.)

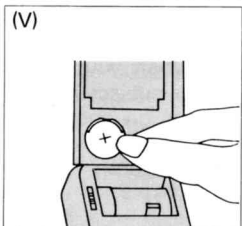
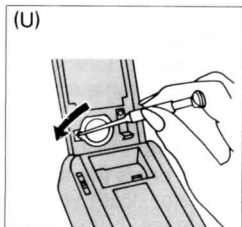
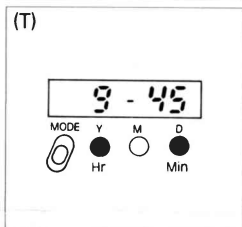
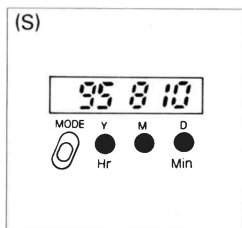
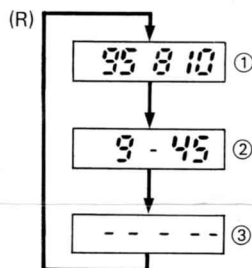
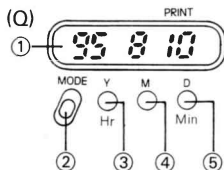
**DATE model:** 175g (6-3/16oz.)

**F 20R:** 160g (5-5/8oz.)

**DATE model:** 170g (6oz.)

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





## FOR OWNERS OF QUARTZ DATA BACK MODEL

Using the data back you can record the date or time directly onto the film.

### Names of Parts (Q)

- ① Data-back display
- ② MODE button
- ③ Year/Hour button
- ④ Month button
- ⑤ Day/Minute button

### Mode Selection (R)

Press the MODE button to select the data imprinting mode, then take the picture. The data imprinting mode will change as illustrated.

- ① Date imprinting (Year/month/day)
- ② Time imprinting (Hour/minute)
- ③ No imprinting

### Setting Data

With the display in Date mode, press the Y, M and D buttons to set the desired date (S).

With the display in Time mode, press the Hr and Min buttons to set the desired time (T).

### Battery Replacement

Remove the battery cover by turning the screw with a small screwdriver (U). Take out the old battery and insert a fresh one, with the (+) side up as indicated on the battery chamber cover (V). Insert the cover into place and fasten with the screw (W). Following battery replacement, reset the date and time.

### Care and Storage

- Gently press the center of the button. Pressing the edge with a sharp object may cause the button to stick.

- This unit is designed for use between 40 and 0°C (104 and 32°C). At temperatures above or below this, the display and imprinted data may cause the display to temporary blacken.

### Warning

Keep batteries away from children.