

**E** INSTRUCTION MANUAL

**DYNAX**

*300si*

**MAXXUM**

*300si*

*RZ330si*

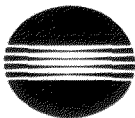
QUICK  
OPERATION

BASIC  
OPERATION

CAMERA  
CONTROLS

SUBJECT  
PROGRAM MODES

APPENDIX



MINOLTA

Thank you for purchasing a Minolta camera and welcome to the wonderful world of autofocus SLR photography. Minolta is pleased to offer you one of the largest accessory lineups to suit your every need. Please take the time to read through this instruction manual for it contains information that is important to the use and care of your camera. Enjoy!

## **NAMES OF PARTS**

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The information contained in this manual is relevant for products introduced before Dec., 1994. To obtain compatibility information for products introduced after this date, contact the authorized Minolta Service Facility nearest you.

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## **SUBJECT PROGRAM MODES**

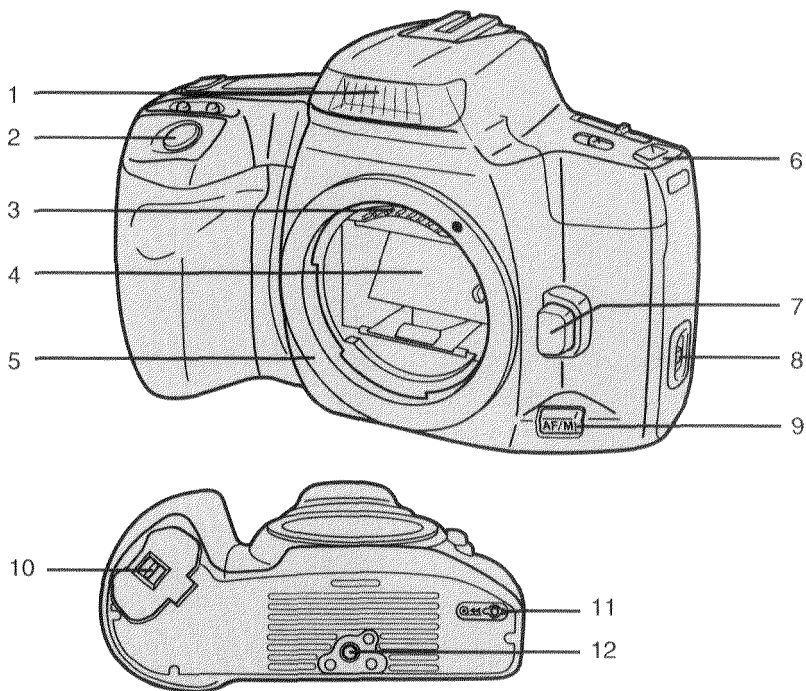
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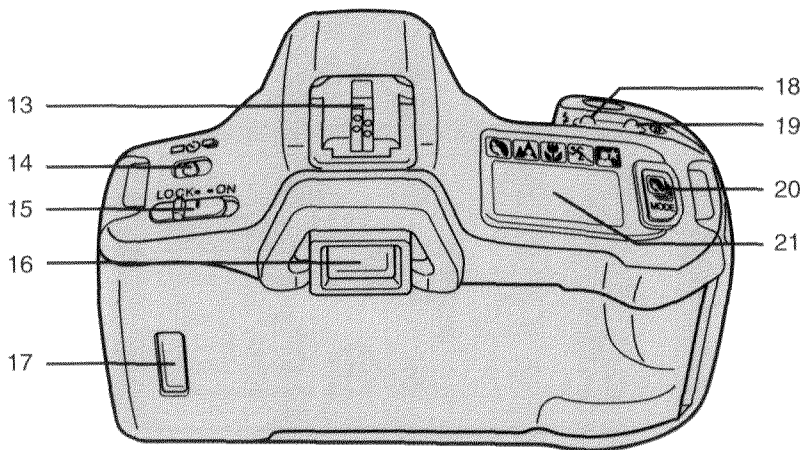
# NAMES OF PARTS

## CAMERA BODY



1. Built-in flash
2. Shutter-release button
3. Lens contacts\*
4. Mirror\*
5. Lens mount
6. Strap eyelet

7. Lens-release button
8. Back cover release
9. Focus-mode button
10. Battery cover
11. Rewind button
12. Tripod socket



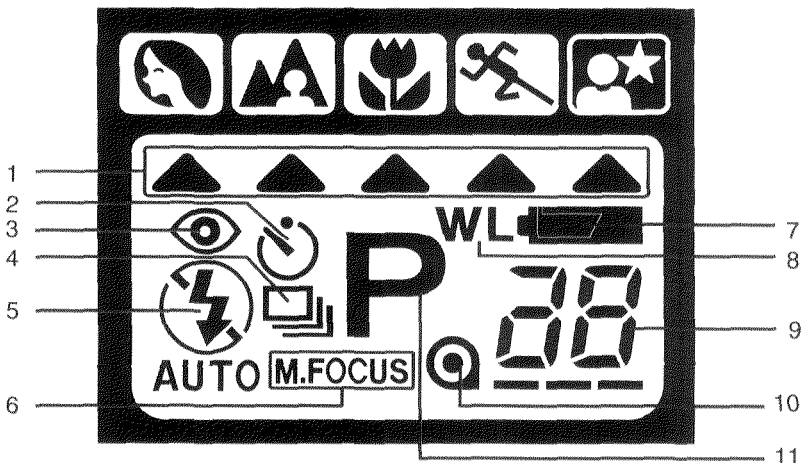
13. Accessory shoe
14. Drive-mode/self-timer button
- Single frame
  - ⌚ Self-timer
  - 📷 Continuous frame
15. Main switch
16. Eyepiece\*
17. Film window

18. Flash-mode button
- ⚡ AUTO Flash automatic
  - ⚡ Flash always on
  - 🚫 Flash always off
19. Red-eye reduction button
20. Subject program selector
21. Data panel

\* Do not touch

# NAMES OF PARTS

## DATA PANEL



1. Subject program indicators



Portrait



Landscape



Close-up



Sports



Night Portrait

2. Self-timer indicator

3. Red-eye reduction indicator

4. Drive mode indicator

5. Flash-mode indicator

6. Manual focus indicator

7. Battery power indicator

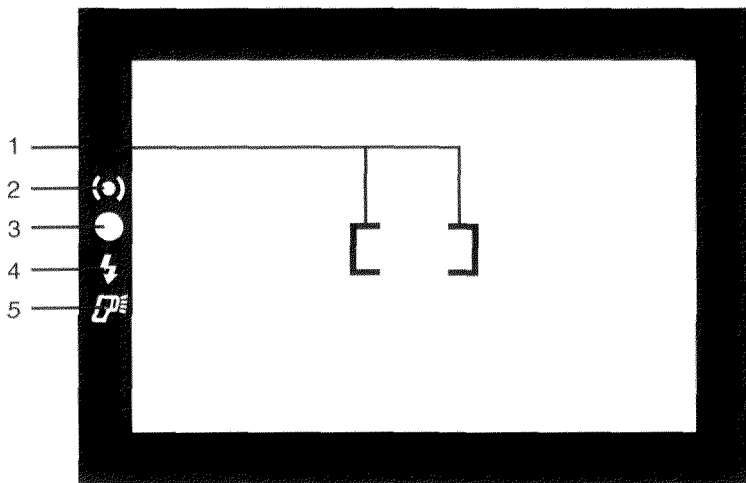
8. Wireless/remote flash indicator

9. Frame counter

10. Cartridge indicator

11. Program mode indicator

## VIEWFINDER



1. Focus frame

2. Continuous focus indicator

3. Focus lock indicator

4. Flash ready indicator

5. Flash on indicator

### NOTE:

In this manual, glowing and blinking displays or indicators are identified as follows:

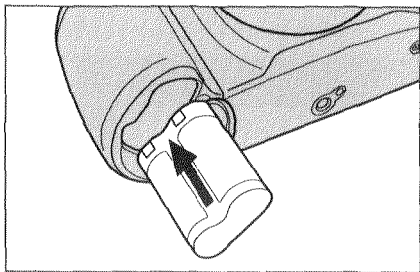


Glowing



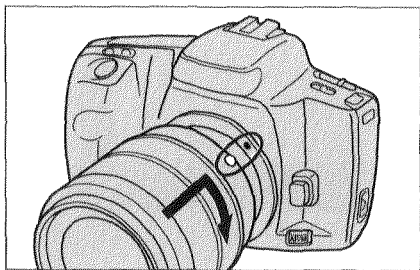
Blinking

# QUICK OPERATION



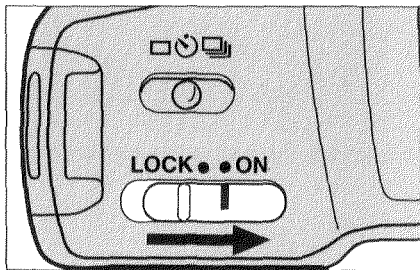
## 1. Insert battery

Insert one 6-volt 2CR5 lithium battery into the chamber as indicated by the + and - marks on the inside of the battery cover.



## 2. Attach lens

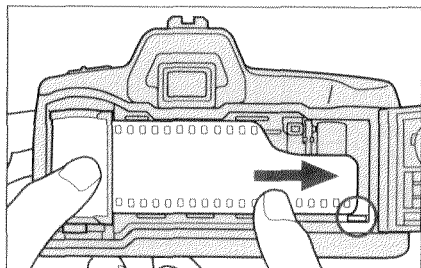
Align the red mounting index on the lens with the red mounting index on the camera. Gently insert the lens into the mount and turn it clockwise until it clicks into the locked position.



## 3. Turn on power

Turn the camera power on by sliding the main switch to ON.





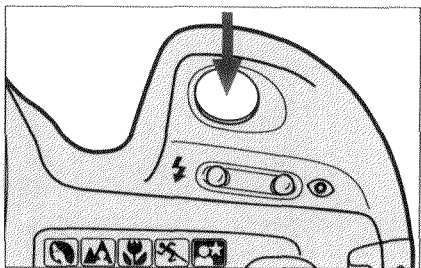
#### 4. Load film

Insert the film and extend the film tip to the film leader index. Make sure the film is laying flat between the guide rails and close the back cover.



#### 5. Focus on subject

Align the subject within the focus frame and press the shutter-release button partway down to activate autofocus. The focus lock indicator will glow when the subject is in focus.



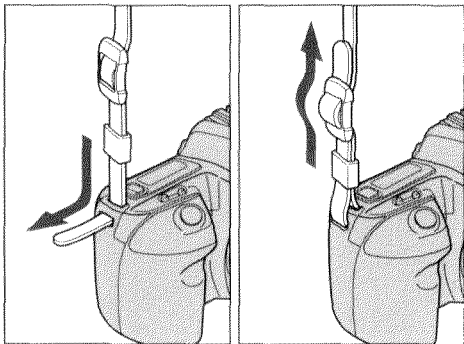
#### 6. Take the picture

Gently press the shutter-release button all the way down to take the picture.

# **BASIC OPERATION**

# STANDARD ACCESSORIES

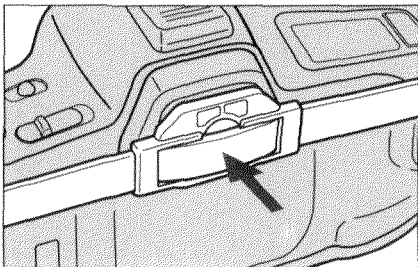
## ATTACHING THE CAMERA STRAP



1. Undo the camera strap buckle and loop the strap through the eyelet of the camera.
2. Redo the camera strap buckle.
3. Repeat for the other side.

## ATTACHING THE EYEPIECE CAP

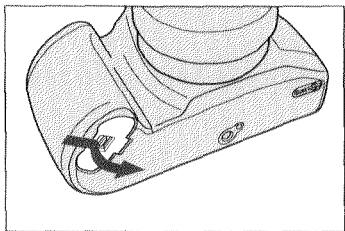
When using the self-timer, attach the eyepiece cap to prevent stray light from entering the eyepiece and affecting the exposure.



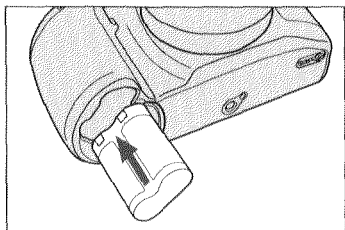
1. Align the eyepiece cap with the eyepiece.
2. Firmly press the cap until it snaps into the eyepiece.

# INSERTING THE BATTERY

Your camera uses one 6-volt 2CR5 lithium battery which supplies power for all camera operations. Please read all warnings in the Care and Storage section of this manual as well as those supplied by the battery manufacturer.



1. Open the battery chamber cover by pushing the cover release in the direction of the arrow.

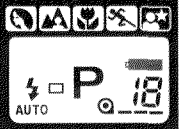
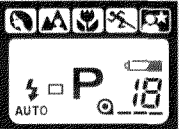
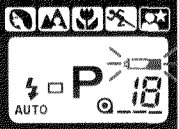
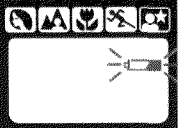



2. Insert the battery into the chamber as indicated by the + and - marks inside the battery cover.

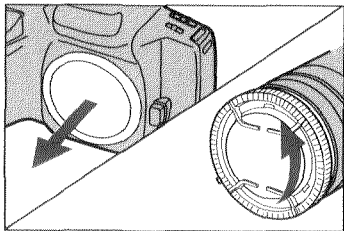
3. Close the cover until it clicks and locks closed.

# CHECKING THE BATTERY POWER

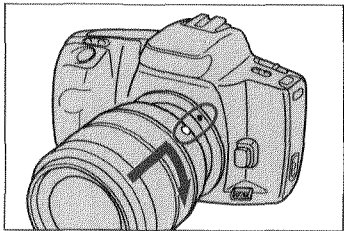
Your camera is equipped with a automatic battery power indicator. Each time the main switch is turned ON a symbol will appear in the data panel to indicate the power status of the battery. It is recommended that you always carry a spare battery in your camera bag.

	<p>Full-battery symbol - power is sufficient for all camera operations.</p>
	<p>Low-battery symbol - power is sufficient for all camera operations, but is getting low. Keep new battery handy.</p>
	<p>Blinking low-battery symbol appears - power is extremely low but all functions are operational. Battery will have to be replaced very soon. Flash recycling time may be slow.</p>
	<p>Blinking low-battery symbol appears by itself and the shutter locks - power is insufficient for camera operation. Replace the battery immediately.</p>
	<p>No data appears in the data panel. Replace the battery or check that it is inserted correctly.</p>

## ATTACHING THE LENS

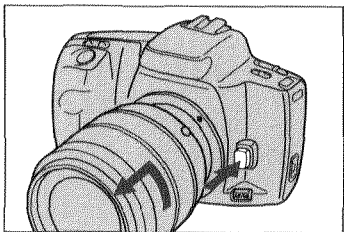


1. Remove the camera body cap and rear lens cap as shown.



2. Align the red mounting index on the lens with the red mounting index on the camera.
3. Gently insert the lens into the mount and turn it clockwise until it clicks into the locked position.

## REMOVING THE LENS



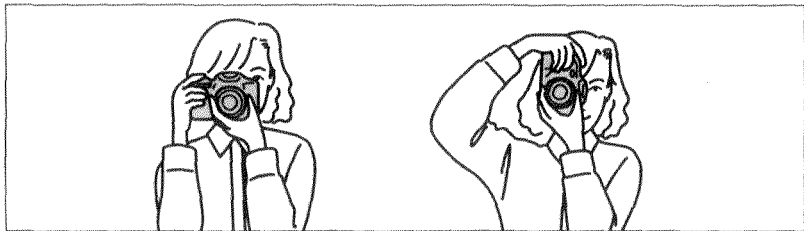
1. Press the lens-release button and hold it while turning the lens counter-clockwise until it stops.
2. Gently remove the lens from the mount and replace caps or immediately attach another lens.

### Caution

- Do not force the lens if it does not turn smoothly.
- Do not touch the inside of the camera, especially the lens contacts and mirror.
- Do not attach the lens at an angle.

# HANDLING THE CAMERA

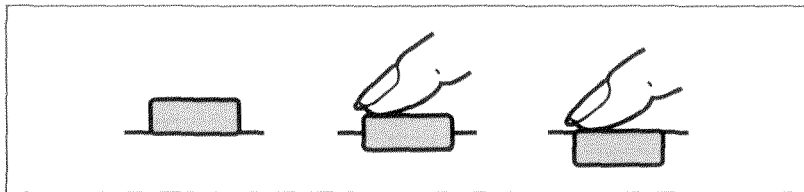
## HOLDING THE CAMERA



Hold the camera grip firmly with your right hand while supporting the camera or lens with your left hand. Make sure that your fingers are not blocking any of the camera's features; they should fit securely around the grip. To hold the camera steady, always keep your elbows at your side and your feet shoulder-width apart for support. Always keep the camera strap around your neck or wrist in the event that you accidentally drop it.

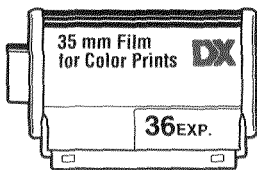
## PRESSING THE SHUTTER-RELEASE BUTTON

The shutter-release button has three positions. To activate the camera's autofocus and autoexposure systems press the shutter-release button part way down. To take the picture, gently (never with a quick jab) press the shutter-release button all the way down.



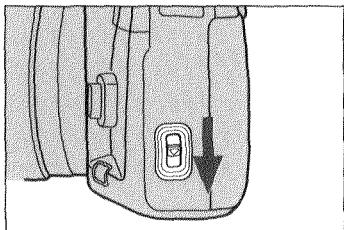
# LOADING THE FILM

This camera is equipped with an automatic film transport system which automatically loads the film, sets the film speed, and advances the film after each exposure. **Before you open the back cover**, make sure that there is not a roll of film already in the camera. Always load and unload film in subdued light.

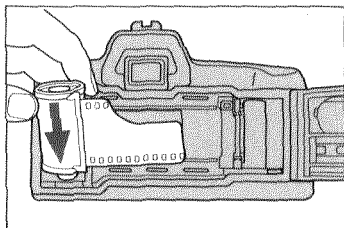


Use DX-coded negative or positive films, ISO 25 - 5000 for regular photographs or ISO 25 - 1000 for flash photographs. The camera will automatically set the proper film speed for the film you are using.

- Non-DX-coded film will be set to a film speed of 100.
- Do not use Polaroid instant film or infrared film with this camera.

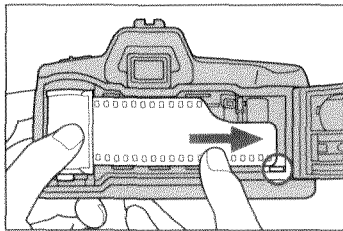


1. Slide the back-cover release down and open the back cover.

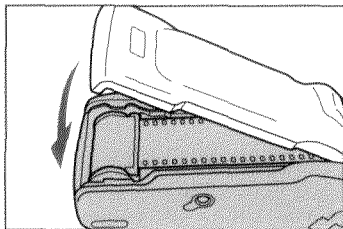
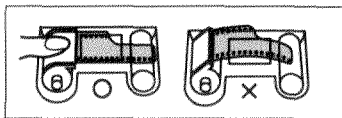


2. Place the film cartridge in the chamber making sure that it is seated properly.



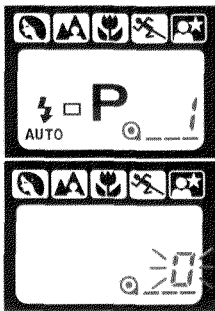


3. Extend the film tip to the film leader index making sure that it lays flat between the film guide rails.



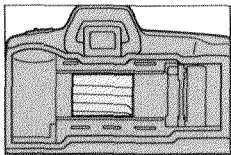
4. Close the back cover.

5. Slide the main switch ON. The film will automatically advance to the first frame.



If the film has been loaded correctly, 1 will appear in the frame counter.

If the film has been loaded incorrectly, the cartridge indicator will appear and 0 will blink in the frame counter. Open the back cover and repeat the loading procedure.

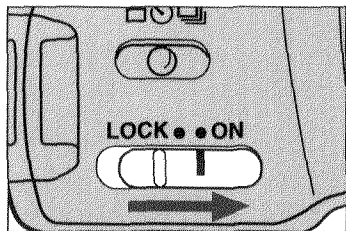


**NEVER TOUCH THE SHUTTER CURTAIN WITH YOUR FINGERS OR FILM TIP.**

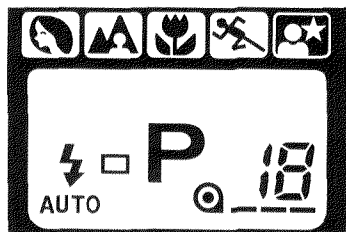
Its precision design makes it extremely sensitive to pressure.

# TAKING PICTURES IN PROGRAM MODE

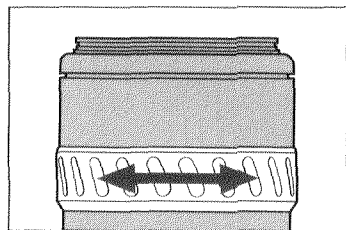
Program mode is the camera's standard operating mode and is suited for use in virtually any situation. When the camera power is switched ON the camera is set to program mode and all functions will operate automatically. If desired, you may choose to use any one of this camera's many functions, please refer to the Camera Control Section of this manual for more information on the camera's features.



1. Slide the main switch to ON.



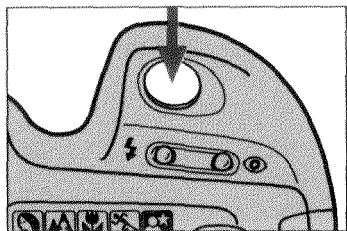
2. The camera is set to full-auto operation.



3. Rotate the zooming ring on the lens to frame your subject as desired.



4. Align your subject within the focus frame and press the shutter-release button partway down to activate autofocus. The focus lock indicator will glow when the subject is in focus.

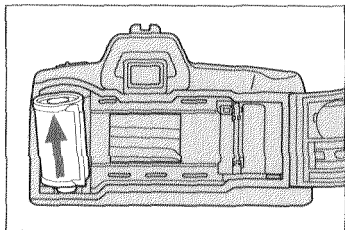


5. Press the shutter-release button all the way down to take the picture.

## REWINDING THE FILM

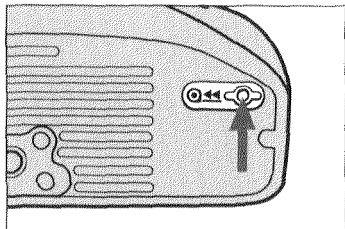
This camera will automatically rewind the film after the last frame has been exposed. If rewinding stops before the film has been completely rewound, **DO NOT OPEN THE BACK COVER**, insert a fresh battery and wait for rewinding to finish. 0 will appear in the frame counter when the film is completely rewound.

## REMOVING THE FILM

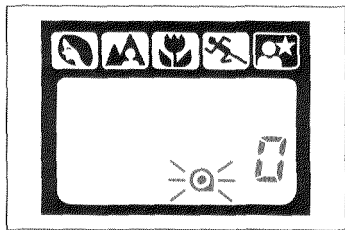


1. Wait for the film to rewind completely.
2. Open the back cover and remove the film as shown.

## STARTING MANUAL REWIND



1. Slide the main switch to ON.
2. Gently press the rewind button.




3. Wait for the film to rewind completely; 0 will appear in the frame counter and the cartridge indicator will blink.
4. Remove the film.


# **CAMERA CONTROLS**


# FOCUSING

This camera is set to autofocus (AF) mode each time the camera is switched ON. Pressing the shutter-release button partway down will activate the autofocus system and one of the signals below will appear in the viewfinder. In autofocus mode, the shutter will not release until focus is confirmed. When focusing the lens manually, only the first symbol will appear and the shutter will release even if the subject is not in focus.

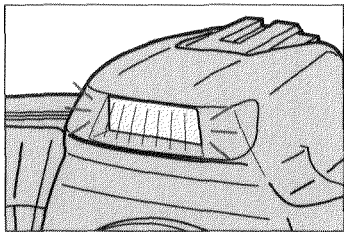
## FOCUS SIGNALS

 The focus lock indicator will glow when focus is confirmed and locked.

 The focus lock indicator will blink when focus cannot be confirmed. Your subject is too close or is one of the special focusing situations described on the next page.

 The continuous focus indicator will glow when the camera is focusing on your subject or when it is tracking a moving subject.

## AF ILLUMINATOR

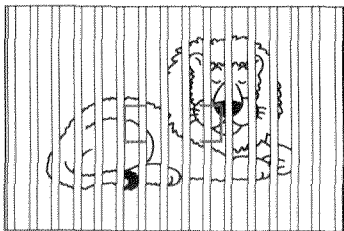


This camera is equipped with a AF illuminator which automatically fires a short series of flash bursts which provides the camera with the light necessary to focus even in complete darkness.

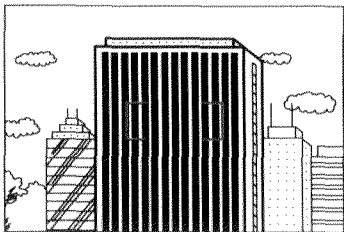
- The AF illuminator will not function if the built-in flash is off, or if the camera is in sports mode.
- The range of the AF illuminator is approximately 1 - 5m (3.3 - 16ft).

# SPECIAL FOCUSING SITUATIONS

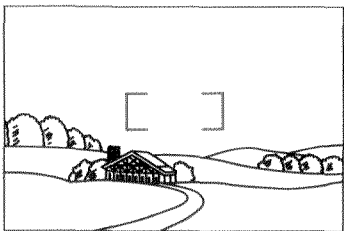
In the situations described below or similar situations, it may be difficult or impossible for the camera to focus accurately. In such situations, you should use focus lock or manual focus which are described on the following pages.



If two subjects at different distances overlap within the focus frame.



If a subject composed of alternating light and dark lines completely fills the focus frame.



If the subject within the focus frame is very bright or low-contrast.

# FOCUS LOCK

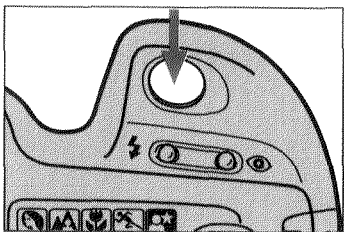
Focus lock should be used when you want to take a picture with your subject outside the focus frame or in situations where autofocus is difficult to confirm. Focus lock cannot be used with moving subjects.



1. Place your subject within the focus frame and press the shutter-release button partway down. The focus lock indicator will glow when focus is locked.



2. Continue to hold the shutter-release button partway down while you recompose your picture as desired.

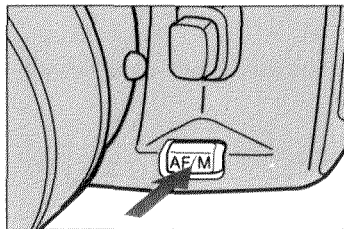


3. Press the shutter-release button all the way down to take the picture.

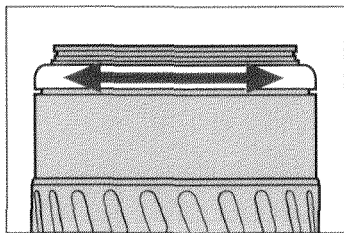


# MANUAL FOCUS

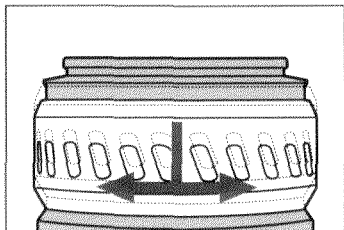
In situations where the autofocus system is not suitable and focus lock is not possible, you may focus the lens manually. The autofocus system will continue to monitor focus and will indicate when the subject within the focus frame is in focus.



1. Press the focus-mode button so that the manual focus indicator **M.FOCUS** appears in the data display.



2. Look through the viewfinder and turn the lens focusing ring until your subject appears clear and sharp.



- If you are using an xi-series or power zoom lens, pull the control ring towards you and then rotate it in either direction to focus.

# BUILT-IN FLASH

This camera is equipped with a built-in flash which provides coverage for focal lengths as short as 28mm. The flash output is controlled automatically by the camera using a TTL (through the lens) flash metering system.

## FLASH SIGNALS



The flash on indicator will glow when the built-in or accessory flash is on and charging.



The flash ready indicator will glow when the flash is fully charged and ready to fire.



The flash ready indicator will blink after taking a picture to confirm that the flash output was sufficient for a correct exposure.

## FLASH MODES



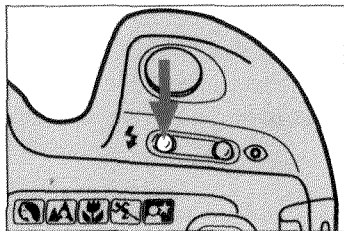
When set to AUTO mode, the flash will fire when the light level is too low or the subject is backlit.



When set to ON mode, the flash will fire every time. This is useful for manual fill-flash during the day when the auto flash would not normally fire.



When set to OFF mode, the flash will not fire. This is useful in situations where flash is not desired or not allowed.



## SELECTING A FLASH MODE

Repeatedly press the flash mode button until the desired flash mode is indicated in the data panel.

## FLASH RANGE

The range of the built-in flash varies depending on the speed of the film and the maximum aperture of the lens being used, please take note to the working range of the built-in flash.

APERTURE	ISO 100	ISO 400
f/2.8	1-4.2m (3.3-13.8ft)	1-8.4m (3.3-27.5ft)
f/4	1-3m (3.3-9.8ft)	1-6m (3.3-19.7ft)
f/5.6	1-2.1m (3.3-6.9ft)	1-4.2m (3.3-13.8ft)

## PRECAUTIONS FOR USING THE BUILT-IN FLASH

Lens shadowing may occur in the bottom of your pictures when using the built-in flash with certain Minolta AF lenses. To reduce the chance of shadowing, never use a lens wider than 28mm, never use a lens hood, and do not photograph closer than 1m (3.3 ft). The following lenses may cause shadowing:

- AF 28 - 85mm f/3.5-4.5
- AF 28 - 135mm f/4-4.5
- AF 80 - 200mm f/2.8 APO
- AF 28 - 105mm f/3.5-4.5
- AF 35 - 200mm xi f/4.5-5.6

Built-in flash should not be used with the following lenses:

- AF 28 - 70mm f/2.8
- AF 300mm f/2.8 APO TELE
- AF 600mm f/4 APO TELE
- AF 300mm f/4 APO TELE