

MINOLTA

MAXXUM[®]
DYNAX[™]

2xi



E INSTRUCTION MANUAL

READ ME FIRST!

First of all, thank you for purchasing this Maxxum/Dynax 2xi. Also, if this is your first Minolta camera, welcome to the Minolta family.

This instruction manual has been designed to help you get the most enjoyment and use out of your new camera. It is not necessary for you to read the contents of this manual from cover-to-cover before you begin taking pictures. Instead, it is better that you read it in sections.

Begin by learning a little about the manual itself by reading the **TABLE OF CONTENTS** on p.2. This will give you an idea of kinds of information included in the manual and the way in which it is organized. Next, pick up your camera and, using **NAMES OF PARTS AND DISPLAYS**, become familiar with the layout of its controls and indications. Continue to the next section, **PREPARATIONS**, and follow along with your own camera by attaching the neckstrap and a lens, inserting a battery, ect. When you are finished, read **SIMPLE OPERATION — THE BASICS** thoroughly and you should be ready to begin using your new camera. When you want to take more creative control over your photography, **OPERATIONS IN DETAIL** will help you do so. Finally, **APPENDIX** contains information about the camera and general photography, which may be helpful to you in the near future. Refer to it as you need.

A note about the indicators which appear in this manual: a display surrounded by star-burst rays such as -or- means that the indicator is blinking.

You are probably anxious to begin, so good luck and we hope that this camera will help you to discover and enjoy the many pleasures of the world of photography.

IMPORTANT INFORMATION

The Minolta Maxxum/Dynax 2xi was designed to work specifically with lenses, flash units, and other accessories manufactured and distributed by Minolta. We therefore caution users of this camera that the attachment and/or use of incompatible products with the 2xi may result in unsatisfactory performance or damage to the camera or its accessories. To obtain optimum performance throughout the life of your Maxxum/Dynax 2xi, we recommend that you use only those lenses, flashes and other accessories distributed by Minolta specifically for use with this camera.

STATEMENT OF FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocated the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

STATEMENT OF DOC COMPLIANCE

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

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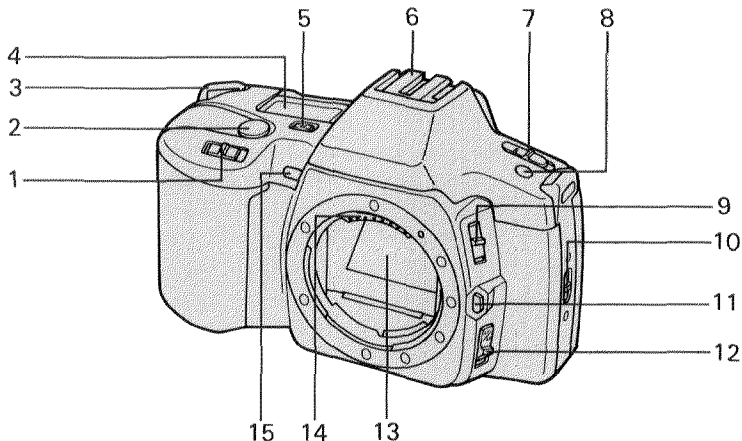
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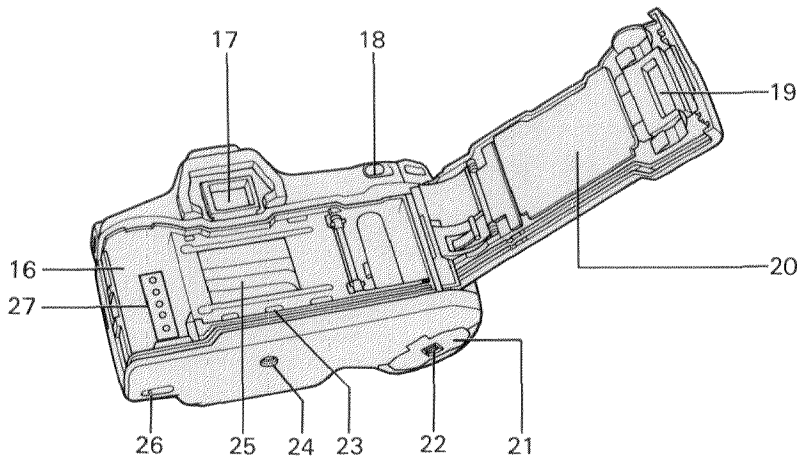
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NAMES OF PARTS AND DISPLAYS



1. Shutter-setting control
(pp.30, 32, 33)
2. Shutter-release button
Pressing this button partway down activates autofocus and autoexposure. Also locks focus on a stationary subject (p.23).
Pressing all the way down takes a picture.
3. Strap eyelet
4. Data panel (p.6)
5. Program re-set button
Re-sets camera to autofocus and programmed (P) autoexposure modes.
6. Accessory shoe
7. Main switch
8. Self-timer button (p.24)
9. Aperture-setting control
(pp.31, 33)
10. Back-cover release (p.16)
11. Lens release (p.11)
12. Focus-mode switch (p.27)
13. Mirror*
14. Lens contacts*
15. Self-timer light (p.24)

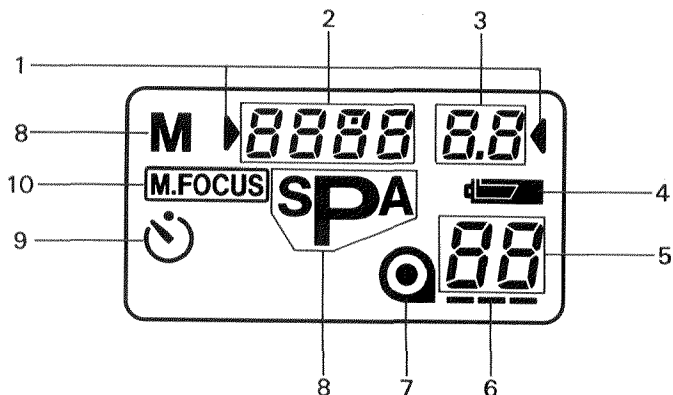


- 16. Film chamber
- 17. Viewfinder eyepiece*
- 18. Spot-metering button (pp.28, 37)
- 19. Film window
- 20. Pressure plate*
- 21. Battery cover
- 22. Battery-cover release
- 23. Guide rails
- 24. Tripod socket
- 25. Shutter*
- 26. Rewind button (p.18)
- 27. DX contacts*

*Do not touch

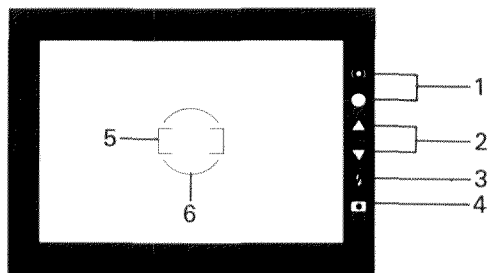
(Names of parts and displays)

Data Panel



1. Selectable setting pointers
Indicates which settings are under manual control
2. Shutter-speed display
Displays current shutter speed setting
3. Aperture display
Displays current aperture setting
4. Battery-condition indicator (p.13)
5. Frame counter
Displays current frame number
6. Film-transport signals
7. Film cartridge mark (pp.15, 18)
8. Exposure-mode indicators (p.30)
9. Self-timer indicator (p.24)
10. Manual-focus indicator (p.27)

Viewfinder



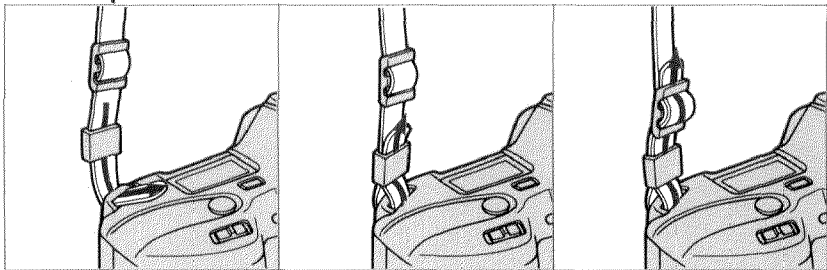
1. Focus signals (p.22)
2. Exposure signals (p.33, 34, 36)
3. Flash signal (p.36)
4. Spot-metering indicator (p.29)
5. Focus frame (p.21)
6. Spot-metering area (p.28)

PREPARATIONS

This section includes those things which you should do and understand before you use your camera. Read it thoroughly before you go on to **SIMPLE OPERATION** or **OPERATIONS IN DETAIL**.

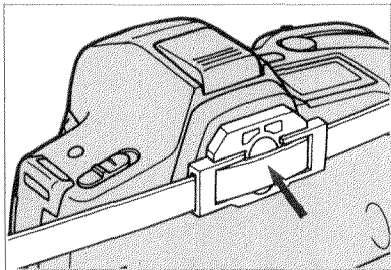
PRELIMINARY

Neckstrap

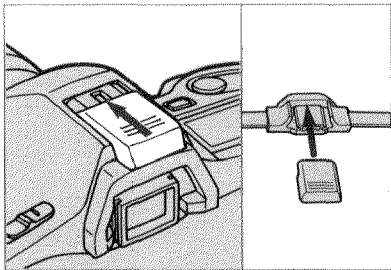


A neckstrap is supplied with your camera. Attach it as shown above.

Eyepiece and Accessory Shoe Cap



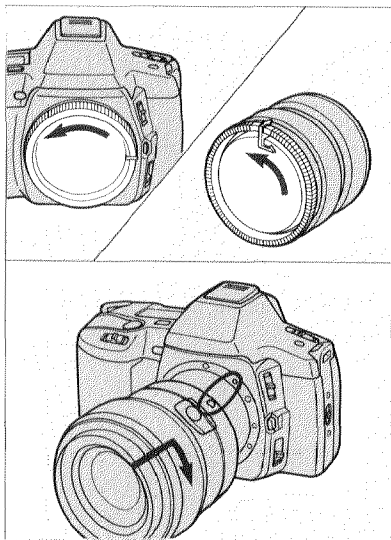
An eyepiece cap is attached to the strap. Fasten it to the viewfinder eyepiece whenever you use the self-timer or make long exposures. To attach the cap, snap it in place over the eyepiece as shown above; pull to remove.



The camera also comes with an accessory shoe cap which protects the accessory-shoe contacts. When you are using a flash or other accessory, slide the accessory shoe cap into the eyepiece cap for safekeeping.

LENS

Attaching

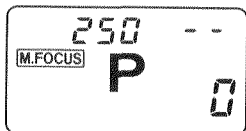


1. Turn the body cap and lens cap as shown and remove them.

2. Align the red bead on the lens barrel with the red dot on the camera's lens mount. Fit the lens into the mount and turn the lens clockwise until it locks in place with a click.

Be careful...

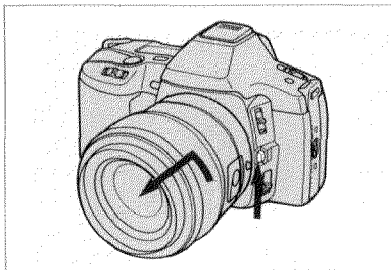
- Do not force the lens if it does not turn smoothly.
- Never touch anything inside the camera, especially the lens contacts and mirror.



"--" will appear in the aperture display of the data panel when you press the shutter-release button partway down if:

- No lens is attached to the camera
- The lens is not attached properly
- The AZ/MZ switch on an xi-Series lens is set to MZ

Removing



1. Press the lens release and hold it in while you turn the lens counter-clockwise until it stops. Lift the lens out of the mount.

2. Immediately attach the rear cap to the lens and the body cap or another lens to the camera. This will protect the lens elements, lens contacts, and camera interior.

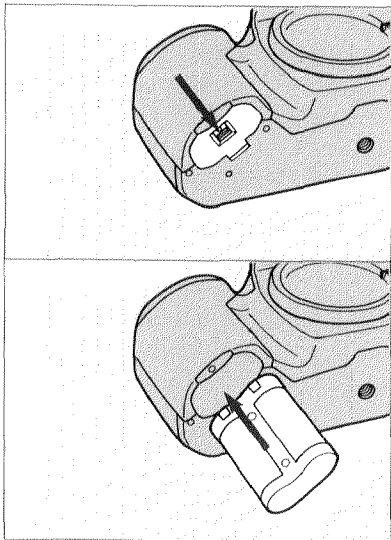
Care of Glass Surfaces

- Never touch any lens surfaces (including the eyepiece) with your fingers. If a lens becomes dirty, first gently clean it with a lens brush. Then, if necessary, moisten a sheet of lens tissue with one drop of lens-cleaning fluid and, starting from the center of the lens, wipe the glass using a circular motion.
- Never lift the mirror or touch its surface. This may impair its alignment or scratch its face. Dust on the mirror's surface will not affect meter readings or picture quality. If it is distracting, have the camera cleaned at an authorized Minolta service facility.

BATTERY

This camera uses a 6-volt 2CR5 lithium battery to supply power to all of its operations. If you are also using an xi-Series lens, the camera battery also supplies power to the zoom motor built into the lens.

Inserting



1. Move the main switch to **LOCK** and slide the battery cover release in the direction indicated to open the battery cover.

2. Insert the battery according to the marks on the inside of the chamber cover.

3. Snap the cover closed.

CAUTION

- Read and follow all warnings and instructions supplied by the battery manufacturer.
- Do not attempt to disassemble, recharge, or short-circuit the battery. Do not subject it to high temperatures or fire. The battery may explode and cause severe burns.
- Keep batteries away from small children.

Battery-condition Indicators

Whenever you move the main switch from **LOCK** to **ON**, one of the following indicators will appear in the data panel.

Indicator



Meaning

1. Full-battery symbol appears for 4 sec. after you turn camera on—power is sufficient.

2. Low-battery symbol appears for 4 sec. after you turn camera on—power is sufficient, but getting low. **Keep a fresh battery handy.**

3. Low-battery symbol blinks while it appears with other operating indicators at any time during use—camera can be operated, but power is extremely low. **The battery will need to be changed soon.**

4. Blinking low-battery symbol and **bAtte** appears, or no display appears at all, and shutter locks—power is insufficient for operation. **Replace the battery or check that the battery is inserted correctly.**

- Indicator 4 will appear even while the main switch is set to **LOCK**.

(Battery)

Battery Performance

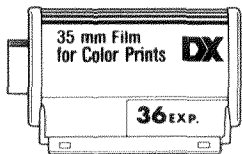
The 6-volt 2CR5 lithium battery should provide sufficient power for shooting up to 60 rolls of 24-exposure film without flash. These figures are based on Minolta's standard test method using a fresh battery at 68°F (20°C). Actual performance will depend on how you use the camera. If you install a new battery that has been in prolonged storage, the camera's performance may vary.

Cold-Weather Operation

Lithium batteries perform well in cold weather. However, if you plan to shoot many rolls of film outdoors at temperatures near or below 32°F (0°C), we recommend that you carry the camera inside your coat to keep it warm while you are not shooting. You may also want to carry a spare battery in your pocket so that you can change the camera battery if necessary. Do not discard a cold battery. After it warms up, it will regain some of its charge.

FILM

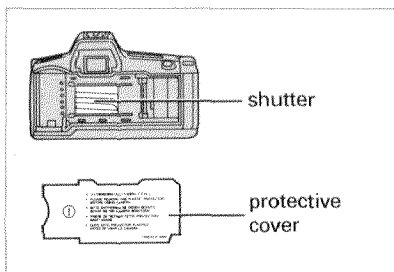
Automatic Film Speed Setting



If you use DX-coded film between ISO 25 and 5000, the camera will automatically set the correct film speed when you insert the cartridge. For flash photography, Minolta recommends that you use film between ISO 25 and 1000. If you use non-DX-coded film, the camera will automatically set ISO 100.

Loading Film

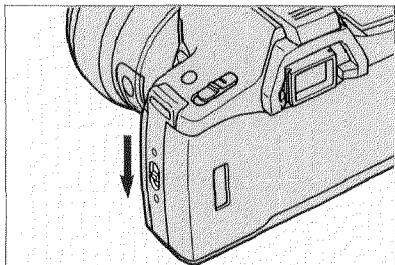
Before you load a roll of film, always check the data panel. If the film cartridge is displayed, **do not open the back cover**. Check the film window and frame counter to verify the type of film in the camera and the number of frames remaining. (See p.18 for instructions on rewinding an unfinished roll of film.)



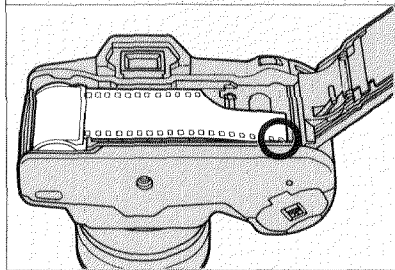
- Always load film in subdued light or shade.
- Before you load film for the first time, carefully remove and discard the protective plastic cover over the shutter.

— NEXT PAGE —

(Film)

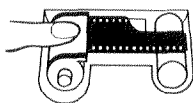


1. Open the back cover by sliding the back-cover release downward.

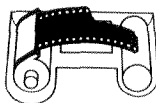


2. Place the film cartridge into the film chamber and extend the leader between the guide rails until the tip is just past the film-leader index.

RIGHT



WRONG

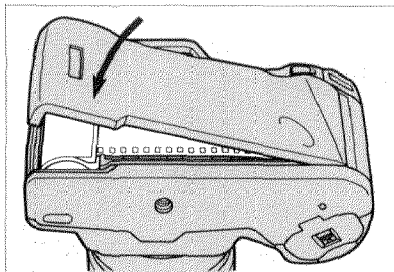


● **NEVER TOUCH THE SHUTTER CURTAIN WITH YOUR FINGERS OR WITH THE FILM TIP.** Its precision design makes it extremely sensitive to pressure.

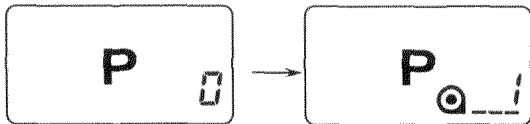
● If the film leader is torn or crimped, it may not wind properly.

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

— NEXT PAGE —



3. Close the back cover and move the main switch to **ON**. The camera will automatically advance the film to the first frame and **1** will appear in the film counter.

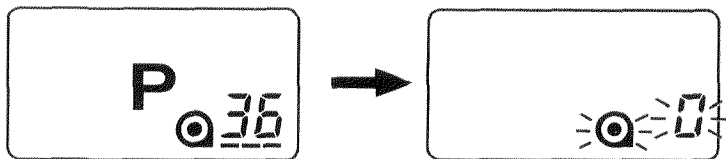


• If the film is loaded incorrectly, **0** will blink in the frame counter and the shutter will remain locked. Open the back cover and repeat steps 2 and 3.

• If you accidentally open the back cover before you rewind the film, quickly shut the back. The counter will reset to **1**. Some of the pictures you have already taken will be ruined or will be discolored along the edges.

(Film)

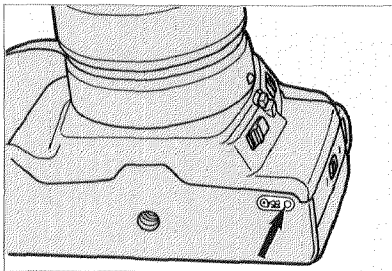
Automatic Rewind



After you have exposed the last frame, the camera will automatically rewind the film. With a fresh battery, it takes about 18 sec. to rewind a 36-exposure roll, or 12 sec. for a 24-exposure roll.

When the film has been completely rewound, the motor will stop and the film-cartridge mark in the data panel will blink to indicate that it is safe to open the back cover.

Manual Start of Rewind




To begin rewind at any time, gently press the film rewind button on the bottom of the camera body.

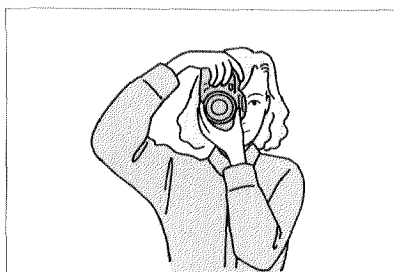
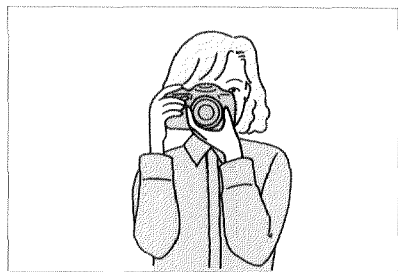
- If the motor stops before the film is completely rewound, insert a fresh battery.

SIMPLE OPERATION — THE BASICS

This brief section is intended to help you get started using your new camera. It explains the simplest method of operation—with programmed autoexposure and autofocus. Details on each of the camera's functions begins on p.25 in the section entitled "Operation in Detail".



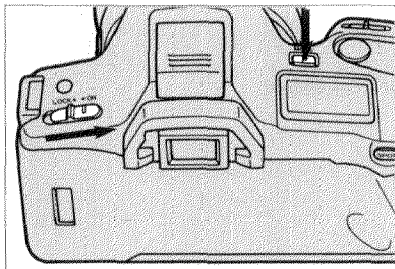
HOLDING THE CAMERA



Hold the grip firmly in your right hand and use your left hand to support the camera body or lens barrel. Keep your elbows securely against your sides when shooting both horizontal and vertical pictures. Press the shutter-release button gently in a single, steady motion—never with a quick jab. Always keep the camera strap around your neck or wound around one wrist.

- Do not touch the focusing ring of an AF lens or the end of the lens barrel of an xi-Series Autozoom lens or AF Power Zoom lens while autofocus is operating.

TAKING PICTURES



1. Slide the main switch to **ON** and press the program-reset button.

● Pressing the program-reset button sets the camera to programmed autoexposure (P) mode and auto-focus. Also, if a flash is attached this sets auto switchover flash (see flash manual for details).



2. Hold the camera as described on p. 20.

3. Place your main subject in the focus frame and press the shutter-release button partway down to activate autofocus and autoexposure.

4. When either the continuous autofocus (●) or focus lock indicator ● appears in the viewfinder (see next page), press the shutter-release button all the way down to take the picture.



After the picture has been taken, the camera will automatically advance the film to the next frame and will increase the film counter by one.

(Taking Pictures)

Focus Signals

One of the following focus signals will appear in the viewfinder when you press the shutter-release button partway down.

Signal	Meaning
(●)	Continuous autofocus*
●	Focus is locked (stationary subject)
⇒●⇐ (blinking)	Focus cannot be confirmed (see p.26)

* This appears when continuous autofocus is functioning (when subject is moving) and before focus is locked (when subject is stationary).

- When ▼ blinks in the viewfinder and an accessory flash is not attached, the required shutter speed is too slow to allow sharp photography without a tripod or other camera support. You should either use a flash or attach the camera to a tripod.
- This camera has Predictive AF. When you take a picture of a moving subject, the camera will calculate where the main subject will be when the shutter curtain actually begins to make the exposure. It will then set the lens to focus on this point before the mirror swings up. Extremely fast-moving subjects or subjects which are rapidly changing speed or direction, however, may exceed the capabilities of this system.