

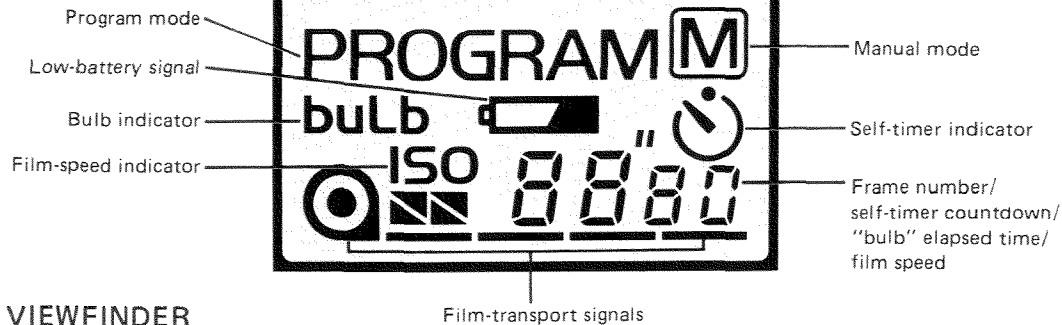
MINOLTA

OWNER'S MANUAL

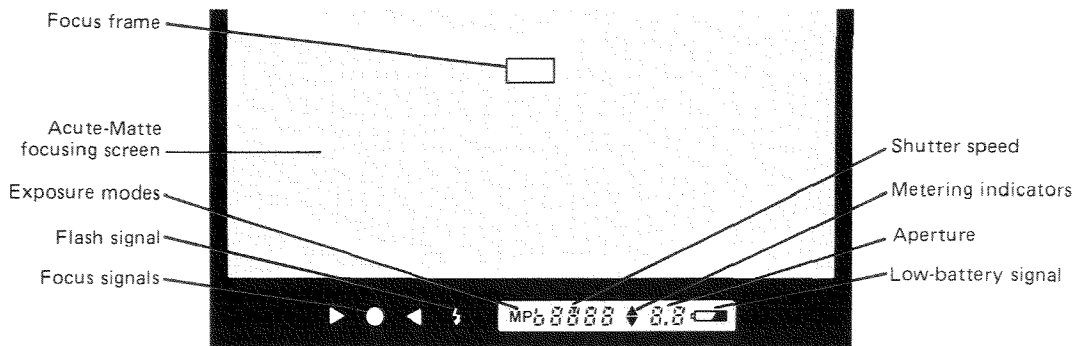
MAXXUM

5000

DATA PANEL



VIEWFINDER



While all possible displays are shown here, only applicable displays appear during operation.

NAMES OF PARTS



With your new MAXXUM 5000 camera, you can get high-quality pictures with unparalleled ease. An impressive range of fully automatic features simplify camera operation:

- Automatic focusing for sharp pictures at a touch of a button.
- Automatic exposure for decision-free photography. You just point and shoot.
- Automatic film transport to eliminate film-handling errors. You just drop in a cartridge, and the camera does the rest.
- Automatic flash operation makes taking flash pictures easier than ever.

As your picture-taking skills develop, the MAXXUM 5000's manual exposure mode enables creative control of exposure. And for added creativity, versatile system accessories are also available, including MAXXUM AF lenses, MAXXUM Flash units, Data/Program Backs, and more.

You probably want to begin using your new camera right away. But before you start, please read through this owner's manual to learn how you MAXXUM 5000 operates.

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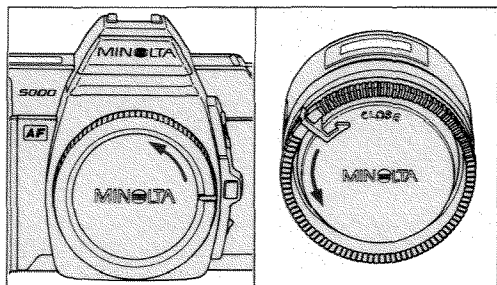
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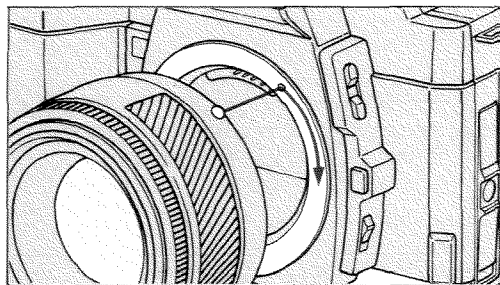
Fold out the front and back covers of this manual for easy reference to the names of parts.

ATTACHING AND REMOVING LENS

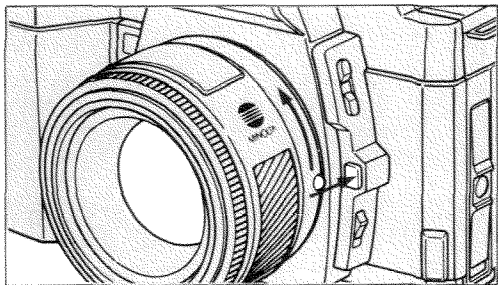


To attach:

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



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



To remove:

1. While pressing lens release, turn lens counterclockwise as far as it will go, then lift lens out of mount.
2. Attach another lens or the body cap to cover the opening.

When the camera's meter is on and the lens is removed, the aperture display in the viewfinder shows "—".

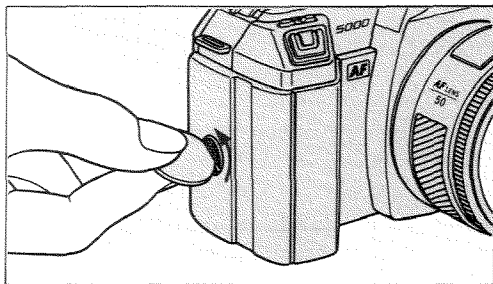
NOTE

- When attaching or removing a lens, never touch anything inside the camera, especially the lens contacts or mirror.
- To protect the lens contacts and the lens elements, attach the lens caps whenever the lens is not attached to the camera.

Care of glass surfaces

- Never touch lens elements or eyepiece with your fingers. If the lens becomes dirty, clean it gently with a lens brush. Only if necessary, moisten a sheet of lens tissue with one drop of lens-cleaning fluid. Then, starting at the center and using a circular motion, lightly wipe the surface of the lens.
- Never lift the mirror or touch its surface, as this may impair its alignment. Dust specks on the mirror's surface will not affect meter readings or picture quality; if they are annoying, have the camera cleaned at an authorized Minolta service facility.

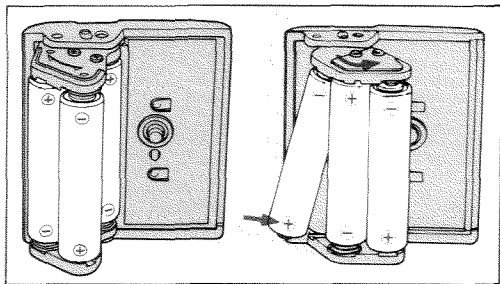
BATTERIES AND POWER



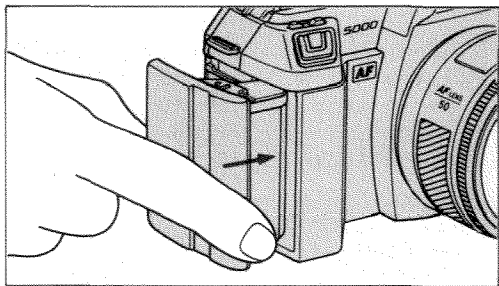
The MAXXUM 5000 uses four 1.5v AAA-size, alkaline-manganese batteries. These supply power for film transport, metering, autofocusing, and shutter release.

To load batteries:

1. Set main switch to LOCK. Using a coin or similar object, turn attaching screw until battery holder can be lifted out of handgrip.



2. Load new batteries into holder with plus (+) and minus (-) ends as indicated. Holder pivots for easier loading.



3. Reinsert holder into handgrip. Turn attaching screw clockwise to secure holder.

After holder is attached and main switch is set to ON, exposure mode and frame number will be displayed in the data panel. If display does not appear, make sure that batteries are loaded correctly. If display still does not appear, install new batteries.

NOTE

- To remove batteries, first pull out plus (+) end of battery, then lift battery out of holder.
- Do not use nickel cadmium or carbon-zinc batteries in the standard battery holder. Also, never mix batteries of different types, brands, or ages.
- Remove batteries if camera will not be used for more than two weeks.
- Do not dispose of used batteries in fire.
- Keep batteries away from young children.

Battery Check

After taking a picture, check whether the low-battery signals in the data panel and viewfinder are blinking. If so, battery power is too low for normal operation and fresh batteries should be loaded.

Fresh batteries should also be loaded in the following cases:

- The camera is switched on, but no information is displayed in the data panel or viewfinder when the operating button is pressed.
- The shutter will not release even when the subject is in focus.
- If autofocus, film advance, or rewinding is extremely slow.

Cold-weather operation

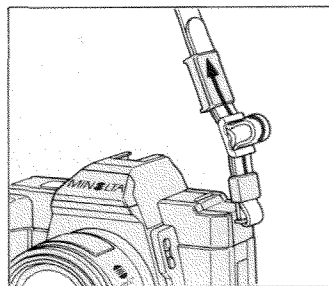
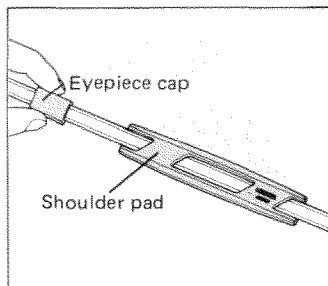
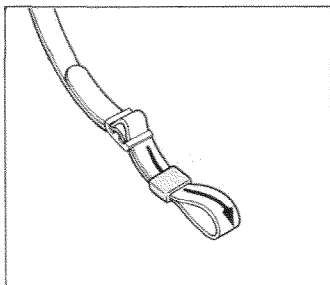
When batteries become colder, their performance tends to decrease. Before using the camera in cold weather, always load fresh batteries. Also, carry a spare set in a warm pocket so that you can change batteries if necessary. As the batteries warm up again, their capacity will be restored.

For prolonged cold-weather use at approx. 0°C (32°F) or below, we recommend using the optional Battery Holder BH-70L or External Battery Pack EP-70 with AA-size nickel-cadmium batteries.

Memory storage

When the main switch is at LOCK position, the frame number and film-speed setting are memorized. Power for storing this data is supplied by the batteries in the battery holder. When these batteries are exhausted or the holder is removed, a built-in lithium battery supplies back-up power to store the data.

ATTACHING THE NECKSTRAP

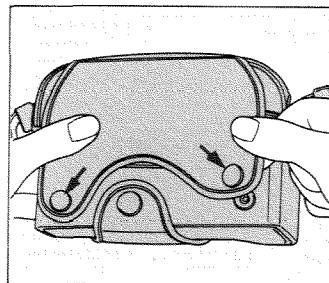
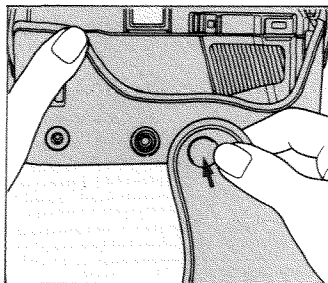
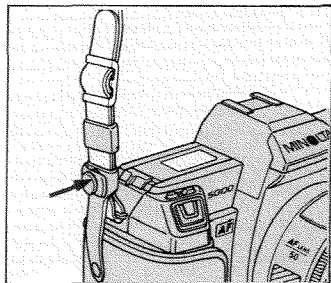


A neckstrap is supplied with your MAXXUM 5000. Attach it to the camera as shown.

An eyepiece cap is supplied with your camera and can be slipped onto the strap to keep it handy for use. The eyepiece cap slides over the eyepiece frame to prevent stray light

from entering the eyepiece and affecting exposure. It should be used whenever the eyepiece is not shielded by your head, as when using the self-timer or when operating the camera by remote control.

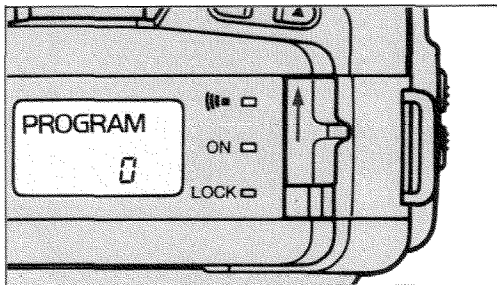
PUTTING CAMERA IN ITS CASE



Various camera cases are available as optional accessories for the MAXXUM 5000.

To put camera in its case: attach front lens cap. If using a zoom lens, turn zoom ring until lens barrel is at its shortest position. Follow the diagrams to put the camera into its case.

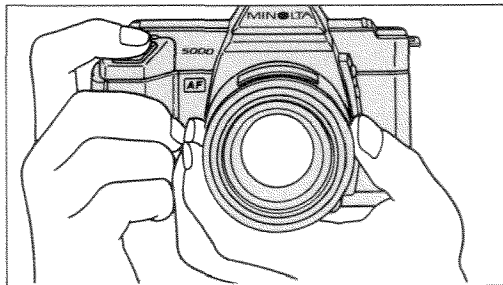
OPERATING THE CAMERA



Before loading film, you should practice operating the camera. After you have learned these basic steps, you will be ready to load film and proceed to actual picture-taking.

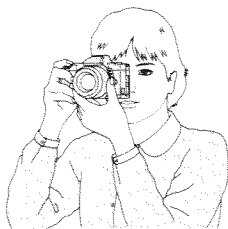
1. Turn on the camera by moving the main switch to ON or (|■) setting. At (|■) setting, the camera will beep in the following cases:

- When subject is brought into focus,
- To signal a slow shutter speed when using program mode,
- At the end of the roll, or
- During self-timer operation.



When you are finished taking pictures, set main switch to LOCK to prevent battery drain or accidental exposures.

2. Grasp the camera firmly with your right hand on its handgrip and support the lens with your left hand. When using autofocus, do not touch the focusing ring.

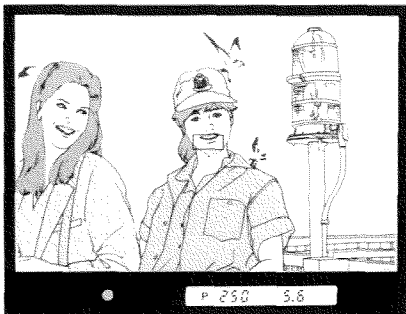


3. Look through the eyepiece and aim the camera at the subject. Hold the camera firmly against your face so that it is as still as possible. The camera can be held horizontally or vertically.



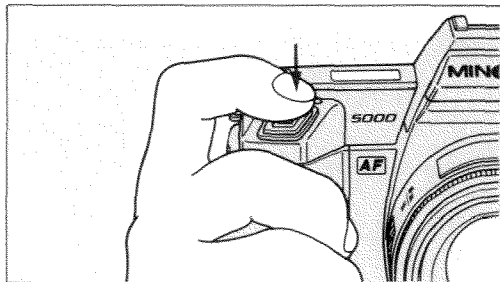
4. Touch the operating button to activate the meter. The viewfinder shows "P" for program mode or "M" for manual mode and the shutter speed and aperture settings.

- Metering continues for 10 seconds after you lift your finger from the operating button.
- If the operating button becomes dirty or oily, set the main switch to LOCK and wipe the button with a clean, dry cloth.



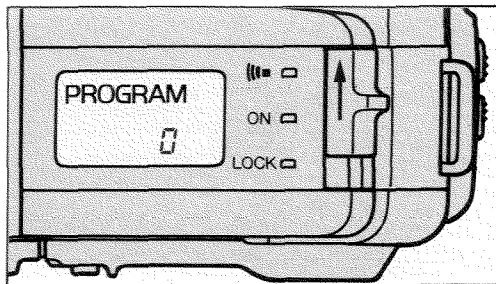
5. Center the focus frame on the subject and activate autofocus by pressing the operating button partway down until you feel slight resistance.

- The lens will be automatically adjusted to focus on the subject, and a green dot will glow in the viewfinder to confirm correct focus.
- Focus is locked at this position until you let up on the button.



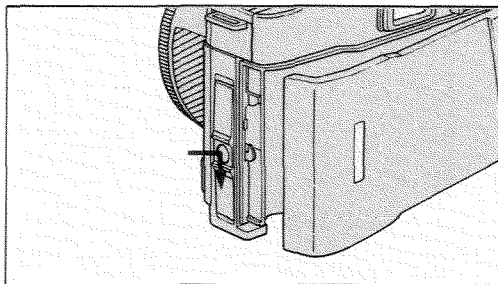
6. To take a picture, gently press the operating button all the way down. Use a smooth, steady squeeze-never a quick jab which might shake the camera and cause a blurred picture.

LOADING FILM

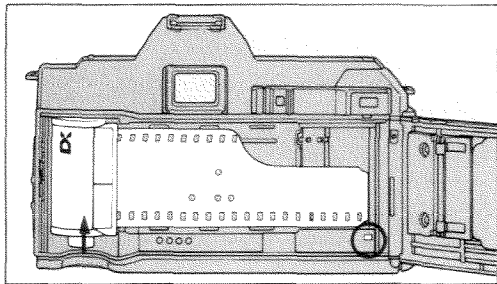


Always load film in subdued light or at least shaded from direct sunlight.

1. Set the main switch to ON or ((= position.
2. Check the frame counter:
 - If "0" appears, it is safe to open the back cover.
 - If any number other than "0" is shown, film must first be rewound (see p. 16);

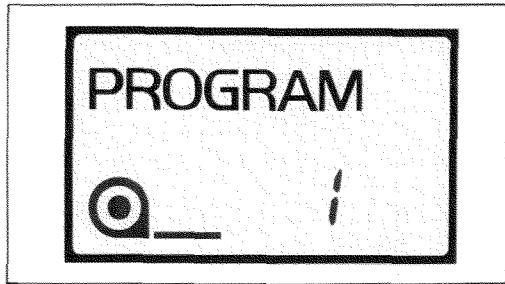


3. Open the back cover by pressing the button in the center of the back cover release and sliding the release downward.



4. Place film cartridge in film chamber and extend tip of film leader past the red leader index. Make sure holes in lower edge of film engage teeth on sprocket.

- If film extends too far or does not lie flat, gently push excess back into cartridge.



5. Close the back cover by pressing until it snaps shut. The camera will automatically advance the film to the first frame, and the data panel will display the film-cartridge symbol and the frame counter will show "1". If you are using DX-coded film, the camera is now set to take pictures.

- If "1" does not appear, film is not loaded correctly. Repeat steps 3 to 5.
- When film is loaded and advancing properly, the frame number increases by one each time a picture is taken.

- Film may not advance properly if film leader is shaped incorrectly.

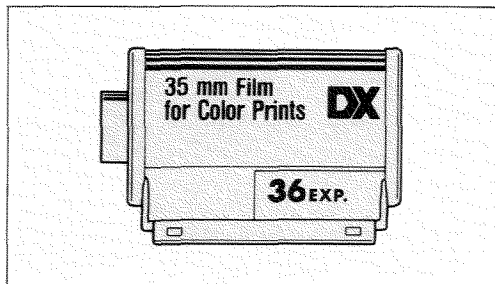
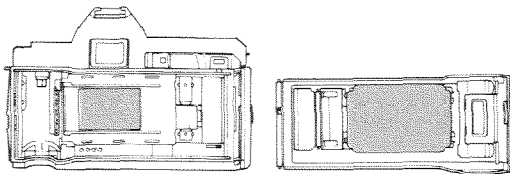
WRONG



RIGHT



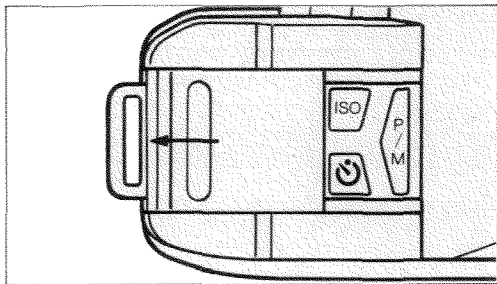
- Do not touch any parts or areas shown in blue.



Automatic film-speed setting for DX-coded film

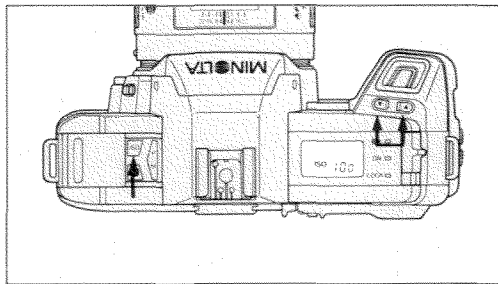
If you are using a DX-coded film, you do not have to set the film speed manually. To check that your film is DX-coded, look for the "DX" mark printed on the film cartridge and box. With DX-coded films, the correct ISO film speed is set automatically by the camera. The film-speed setting is displayed in the data panel while the film is being advanced to the first frame.

SETTING THE FILM SPEED MANUALLY



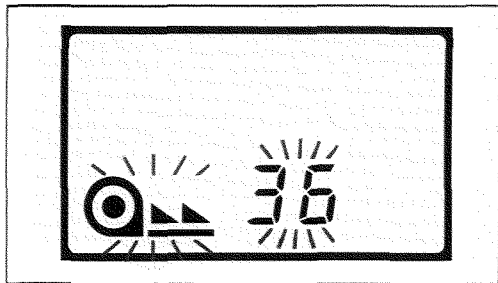
If the film you are using is not DX-coded (i.e., "DX" is not printed on the cartridge and box), you must manually set the camera for the correct ISO film speed. You can, if desired, reset the speed of a DX-coded film to a higher or lower value after the film is loaded. To set the film speed manually:

1. Slide the control-key cover on the left side of the camera to the left.
2. Hold down the key marked "ISO" and press the selector keys on the right side of the camera to set the ISO value desired.



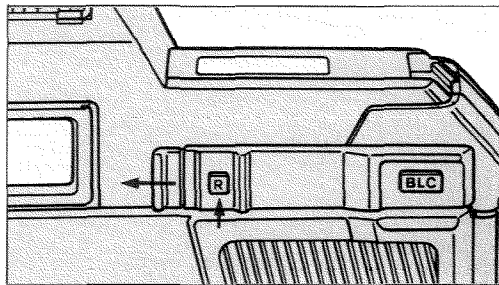
- Press the left key to decrease the value, and the right key to increase it.
 - Each time a selector key is pressed, the value will change by 1/3 of a stop. When a selector key is held down, the value changes rapidly.
 - Any film speed from ISO 25 to ISO 6400 can be set.
3. After the desired ISO value is set, release the ISO key and close the control-key cover.
- The film-speed setting can be checked at any time by pressing the ISO key.

REWINDING AND UNLOADING FILM



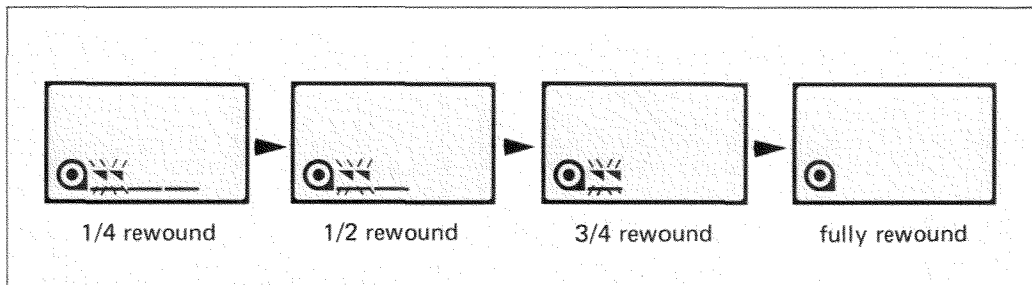
After the last frame:

- Film cartridge symbol and frame number will blink,
- Camera will beep if the main switch is at (I) setting, and
- Shutter locks to prevent double exposures or damage to the film.



To rewind film:

1. While pressing the rewind release (marked R), slide rewind switch to left. It stays in this position; you need not hold it. During rewinding, the film-transport indicators show how far film has rewound:

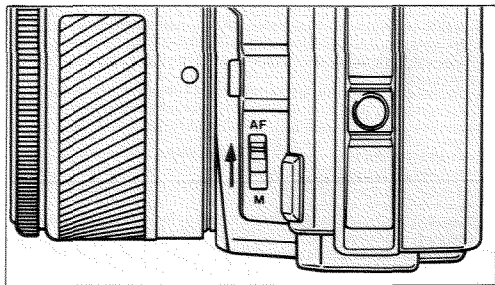


2. After you have confirmed that film is completely reworded, open the back cover and remove the film cartridge.

- If you accidentally open the camera back before the film is reworded, close the back immediately and finish rewording the film. Light falling on the film will ruin many of the pictures; however, your quick action may save a few pictures.

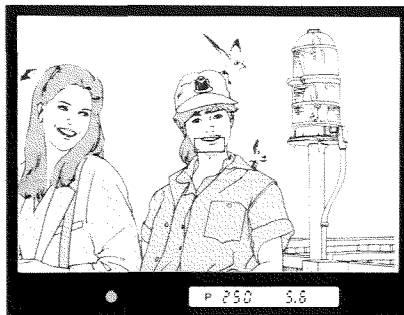
- When the film is completely reworded, the reword motor stops automatically and only the film cartridge symbol appears in the data panel. IF THE REWIND MOTOR STOPS AND THE FILM-TRANSPORT INDICATORS GO OFF, DO NOT OPEN BACK COVER; do as follows:
 - a. Slide main switch to LOCK.
 - b. Load fresh batteries.
 - c. Set main switch to ON to finish rewording.

FOCUSING



Using automatic focus




1. Set focus mode switch to AF.
2. Center focus frame on subject.
3. Press the operating button partway down and the camera will automatically focus the lens.



- When the subject is brought into focus, the green focus signal in the viewfinder glows. The camera beeps if the main switch is set at AF position.
- The chart on page 19 shows the focus signals that appear when using auto-focusing.

4. To take picture, press the operating button all the way down.
- To prevent out-of-focus pictures, the shutter can only be released when the green focus signal glows. If the shutter cannot be released, set the focus mode switch to M and focus the lens manually.
 - If the operating button is held down, the camera will readjust the focus between frames, release the shutter, and advance the film at up to 1.5 frames per second.

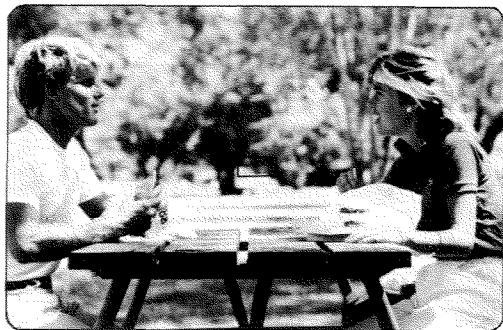
Autofocus signals

	Left pointer glows: Too close to subject
	Green dot glows: Subject in focus
	Both pointers blink: Use manual focusing



Focus hold:

Center the focus frame on the subject, then press and hold the operating button halfway down. When the subject is in focus, the green focus signal glows. Focus is held as long as the operating button is pressed halfway.







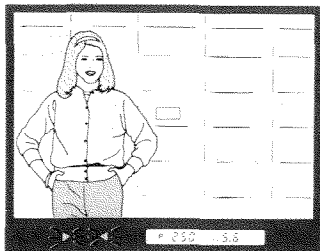
Recompose the picture with the subject anywhere in frame and release shutter.

Using manual focus

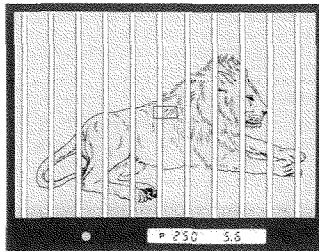
1. Set the *focus mode switch* to *M*.
 2. Center the focus frame on the subject.
 3. Touch the operating button to activate focus signals.
 4. Turn the lens' focusing ring until the green focus signal glows in the viewfinder.
- The chart shows the focus signals that appear when the focus mode switch is set to *M*.
5. Press the operating button all the way down to take the picture.

Focus signals during manual focusing

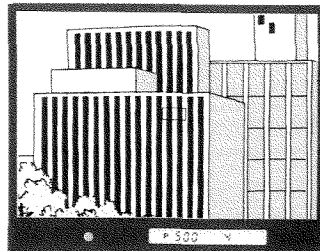
	Turn focusing ring to the right
	Subject in focus
	Turn focusing ring to the left
	Turn focusing ring until subject appears sharpest in the viewfinder.



A



B



C

Focusing in special situations

The focus signals cannot be used in some situations. Follow these suggestions to obtain sharp focus:

- Subject contrast is too low (A); Focus on another subject at the same distance, then recompose photograph and release shutter.

- Subject does not fill focus frame (B) or alternating vertical stripes within focus frame (C): Focus manually on Acute-Matte screen.
- Subject is too dark: Use a Minolta Program Flash or focus the lens manually.
- Subject is extremely bright: Use a neutral-density filter.

CHOOSING THE EXPOSURE MODE

Program Mode

Program mode is designed to be the MAXXUM 5000's "normal" mode and is ideal for general photography. When using program mode, you just aim the camera and take the picture. The camera automatically sets the correct exposure, and no manual settings are required. When using program mode, "PROGRAM" appears in the data panel and "P" appears in the viewfinder.

When the control-key cover is closed, the camera is always set to program mode. Thus, you do not need to select this mode manually.

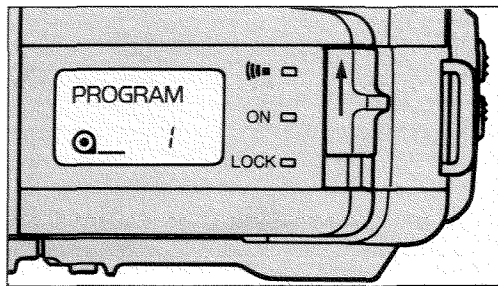
Manual Mode

Manual mode enables complete control of the exposure settings. When you want to control how a subject's movement, any shutter speed from 1/2000 to 4 seconds can be set. To control the overall sharpness in the picture, any available aperture can be set to obtain the effect you desire.

To select manual mode, slide the control-key cover to the left, then press the mode-selector key. "M" will appear in the data panel and viewfinder. Shutter speed and aperture can now be set by using the selector keys on the camera body.

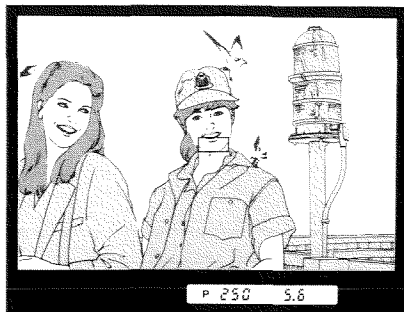
To reset the camera to program mode, press the P/M key again or close the control-key cover.

PROGRAM MODE



To take pictures:

1. Set the main switch to (☺) position and focus mode switch to AF position. Make sure that "PROGRAM" is displayed on data panel.



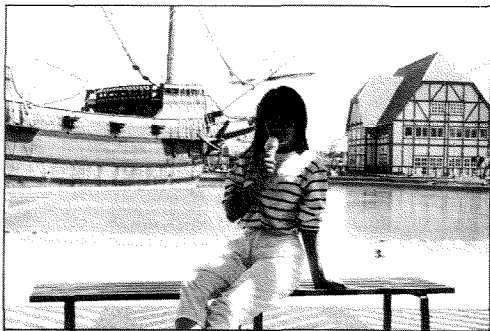
2. Look through the viewfinder and center the focus frame (the small rectangle) on the subject.

3. Press the operating button partway down and hold it there.

- The camera will “beep” and the green focus signal will glow to confirm correct focus. If desired, you can recompose the picture, while holding the button partway down.
- If the camera “beeps” continuously when you touch the operating button, the shutter speed may be too slow for taking hand-held pictures. Take one of the following steps to prevent camera shake from blurring the picture:
 - a. Steady camera against a table or wall,
 - b. Mount camera on a tripod (see p. 38), or
 - c. Use a flash unit (see p. 42).
- If two pointers (between the shutter speed and aperture) blink in the viewfinder, the light level is beyond the meter’s range and exposure may not be correct.

4. To take a picture, press the operating button all the way down.

- After the exposure, the camera will automatically advance the film one frame.
- If you want to shoot several pictures in a sequence, hold down the operating button. The camera will re-adjust focus, release the shutter, and advance the film at up to 1.5 frames per second.



A. Backlit subject

Backlight compensation button

In program mode, your MAXXUM 5000 automatically sets the exposure based on an average of the light and dark areas seen in the viewfinder. Additional emphasis (weighting) is given to the center area where the subject is usually located. This system is called "center-weighted average metering" and produces optimum results in most cases.



B. Exposure made while pressing BLC button

However, when the subject is "backlit", i.e., the lighting behind the subject is very bright (photo A), the subject will be underexposed. To obtain a more suitable exposure, press the backlight compensation button (marked BLC) while releasing the shutter. This will increase the overall exposure, thus making the subject appear lighter (photo B).