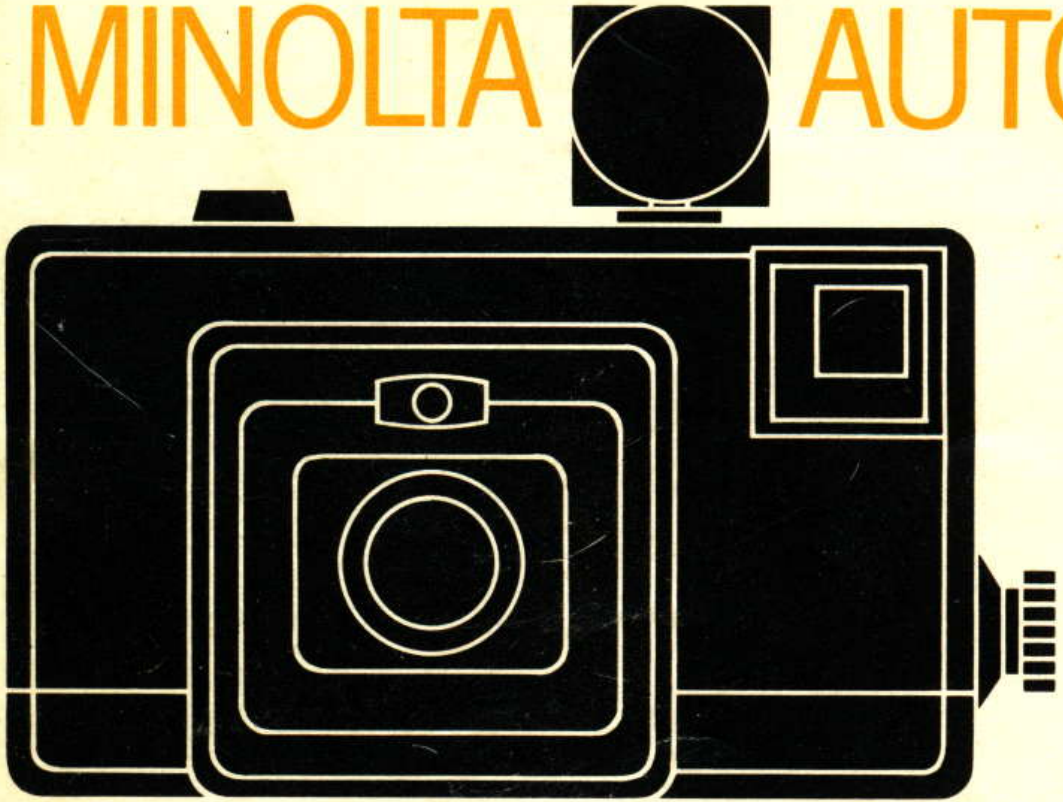
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MINOLTA AUTOPAK 600-X



OWNER'S MANUAL

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WELCOME TO THE MINOLTA FAMILY OF FINE CAMERAS

Your new Minolta Autopak 600-X will give you maximum operating speed and outstanding ease of operation. And your pictures will have the sharpness and fidelity that you'd normally expect only from cameras costing many times more.

The Minolta Autopak 600-X uses 126-size film cartridges for easy, instant drop-in loading. It uses modern Magicubes for fast, sure flash photography without batteries. The camera's sensitive CdS exposure meter is set automatically with the film's ASA rating and will choose the correct setting for regular or flash photography.

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CONTENTS

2 Major features 3
Specifications 5
Names of parts 6
How to install battery 8
A quick guide to using your camera 10
Loading 12
Film winding 14
Unloading 15
How to hold your camera 16
Composing your pictures 17
Picture-taking 18
Flash photography 20
Care and storage 23

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MAJOR FEATURES

EASY AND FAST: The Autopak 600-X was created for fun—and with simple drop-in 126-size film cartridges plus batteryless 4-shot Magicubes, all you have to concentrate on is the fun.

AUTOMATIC FLASH: The camera decides when to use flash. You can leave a Magicube in place all the time—the camera will fire it only when needed. If there's no Magicube in place and one is needed, a red signal in the viewfinder tells you to install one. The red signal also warns you when the Magicube is used up. And you never have to worry about flash batteries. Focusing the camera adjusts lens for correct flash exposure.

PERFECT EXPOSURES EVERY TIME: A fully automatic CdS electric eye sets the camera for you. No worries, nothing to do.

AUTOMATIC SHUTTER SETTINGS: Your camera will select shutter speed settings (1/90 and 1/45 sec.) for normal picture-taking, a low speed (1/45 sec.) for flash photography. You just snap the shutter!

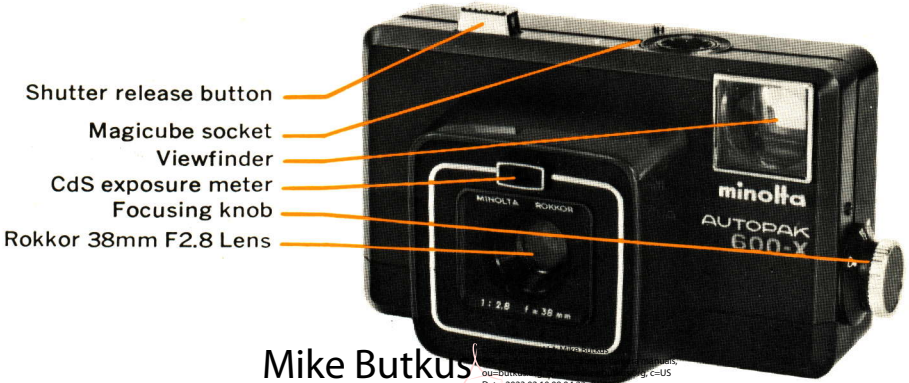
SIMPLE AND EASY FOCUSING: Focusing is so easy: Just turn a little knob to align needle with one of the four symbols in the viewfinder.

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SPECIFICATIONS

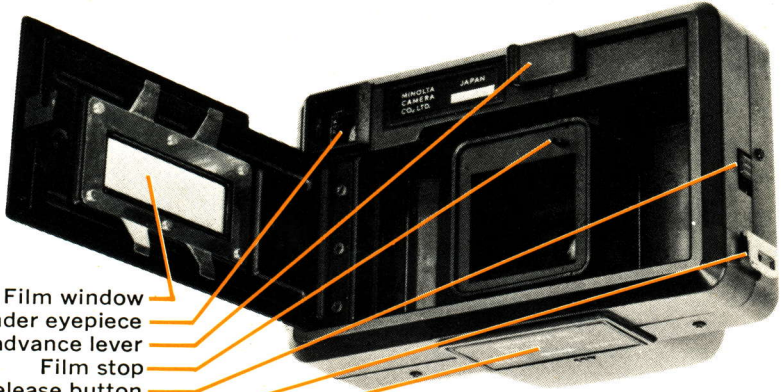
Picture size:	28.5×28.5mm with 12- or 20-exposure cartridges
Lens:	Rokkor 38mm F2.8, 4 elements in 3 groups
Shutter speed:	1/90 and 1/45 sec. for normal photography; lens aperture is set automatically. When subject is insufficiently lighted for EE exposure, shutter speed is automatically reduced to 1/45 sec. for flash
Viewfinder:	Tinted bright-frame viewfinder with parallax correction guides, zone focus, flash range marks, and illuminated "use-flash," "replace Magicube," and "flash go ahead" signal
Focusing:	4 zone-focusing click stops from 3.3 feet to infinity
Exposure meter:	Built-in CdS cell above lens, coupled to aperture, powered by one 1.4v Mallory RM-640 or equivalent mercury battery Your Minolta Autopak 600-X is factory-set for correct exposure with Kodacolor-X, Ektachrome-X, and certain other films rated from ASA 50 to ASA125.
Film advance:	2-stroke winding mechanism
Flash:	Built-in socket for Magicube with auto-turn mechanism
Size:	4⅝″ (118mm) wide, 2¾″ (71mm) high, 2⅜″ (60.5mm) thick
Weight:	11.6 oz. (330 g.) including battery and wrist strap

THE PARTS OF YOUR MINOLTA AUTOPAK 600-X



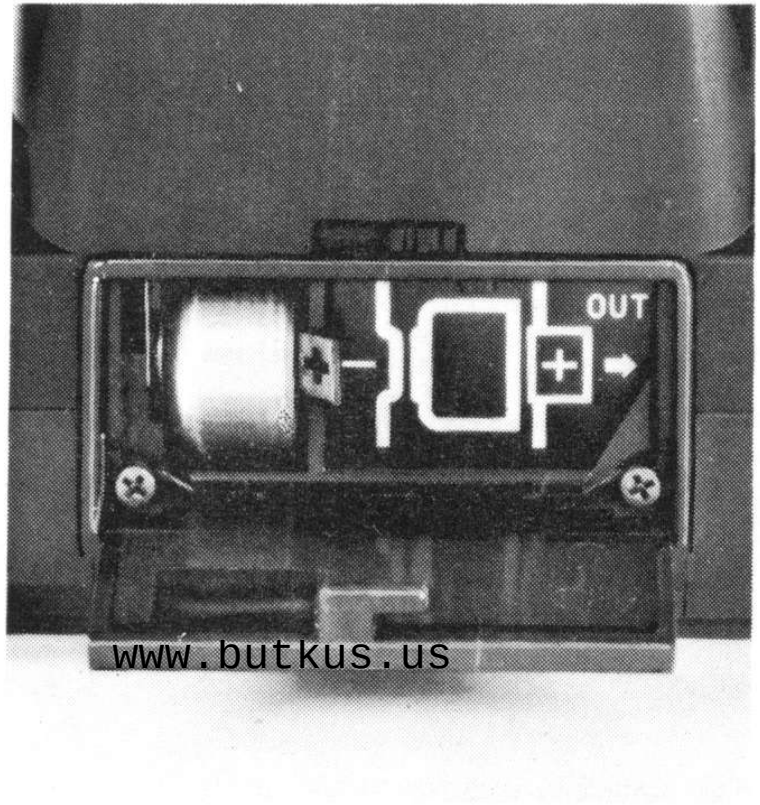
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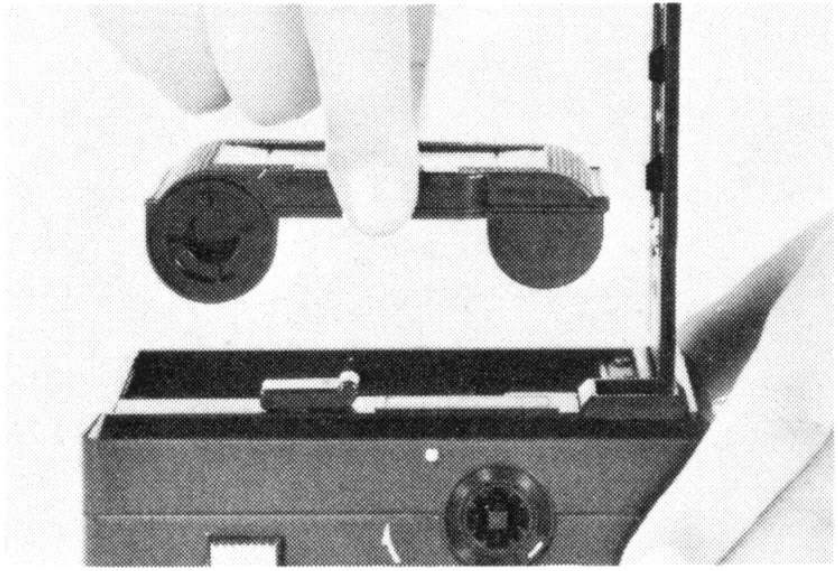
HOW TO INSTALL THE BATTERY

Your Minolta Autopak 600-X uses only one 1.4 volt (Mallory RM-640 or equivalent) mercury battery, which comes with the camera.
Before installing battery, always use a clean rough cloth to clean the terminals.
The battery compartment is on the bottom of the camera. Move the slide to "OPEN" position and open the cover.
Insert battery as shown, making sure plus (+) and minus (−) ends are in the right position.
Hold the battery compartment cover closed and move the slide to "CLOSE" position.
To remove battery, open cover, push plus (+) spring tab toward diagram;, and let battery drop into your hand.



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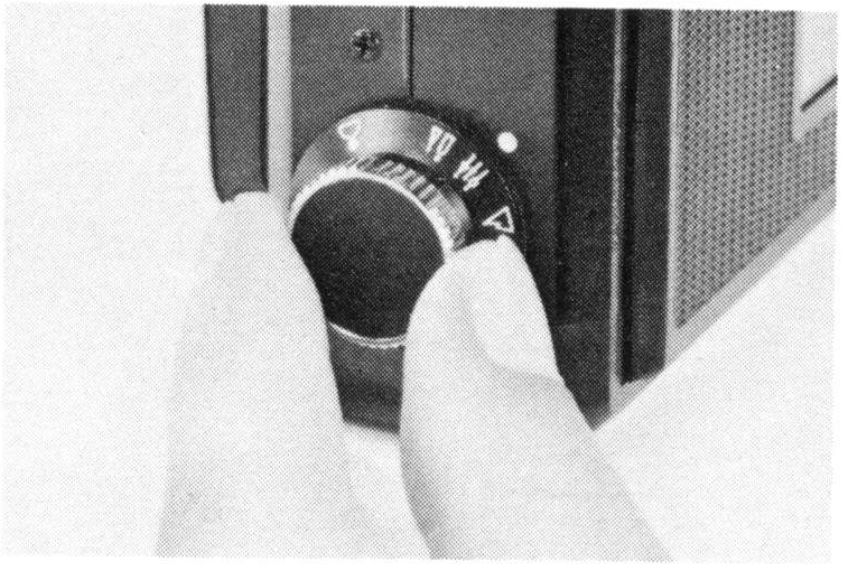
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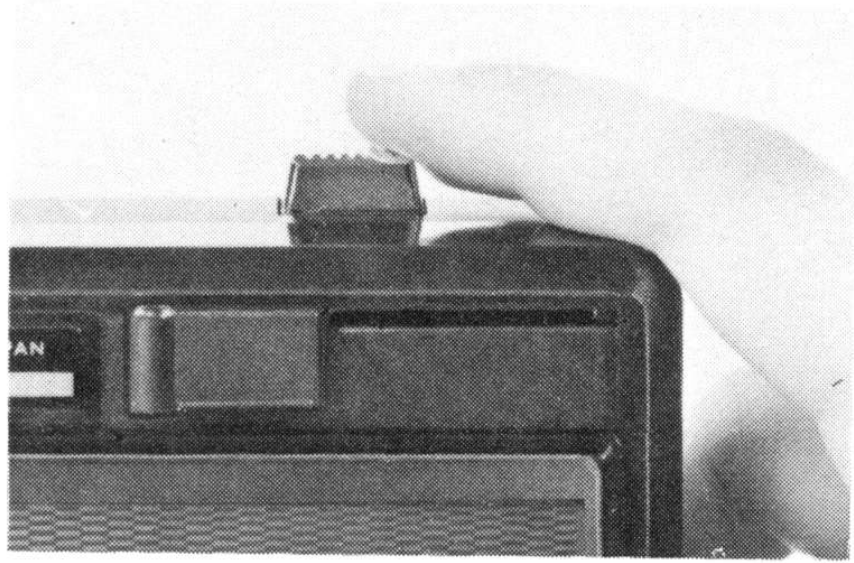
Load the camera: Snap open the camera's back; drop in a film cartridge; snap the back closed.



Compose your picture in the viewfinder.



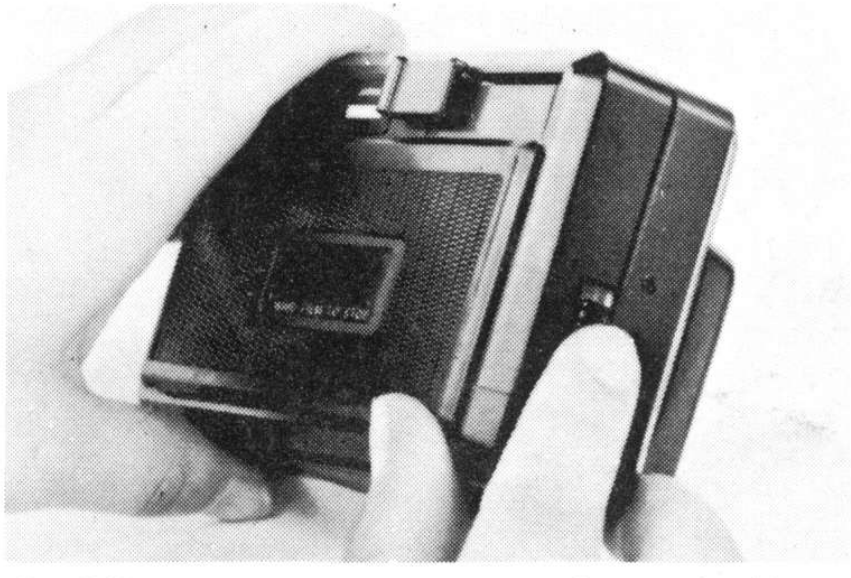
Focus by turning the focusing knob to set the needle at the symbol for the kind of photograph you're taking: "portrait," "medium," "group," or "distant."



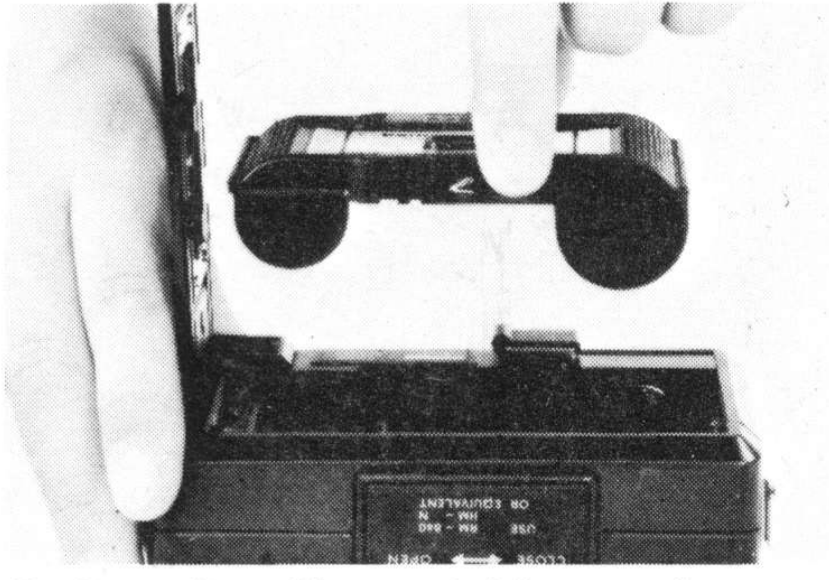
Press the shutter release. That's it—you've taken a fine picture!

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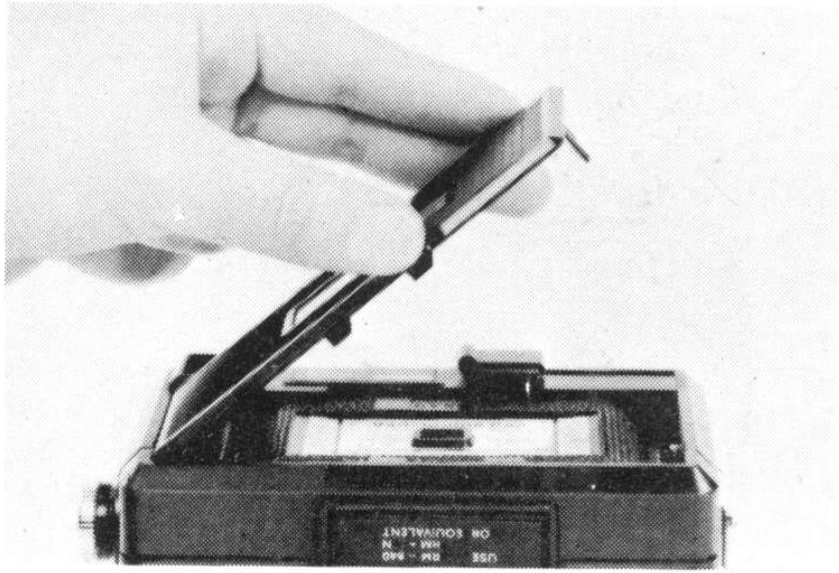
LOADING YOUR CAMERA: FOUR SIMPLE STEPS



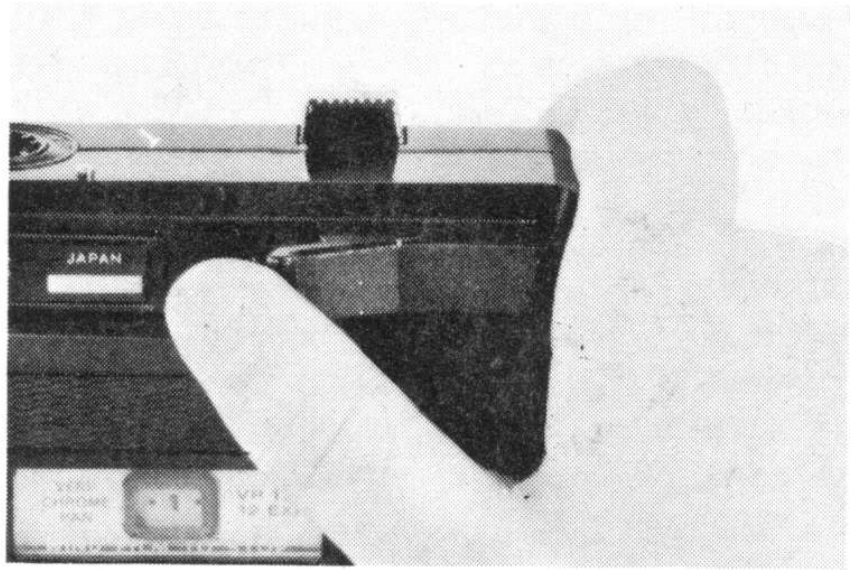
1. Slide the back cover release button up; the cover opens automatically.



2. Drop in a film cartridge as shown.



3. Close the back cover firmly; it will lock with a "click." Film type and exposure number can be seen through the little window.



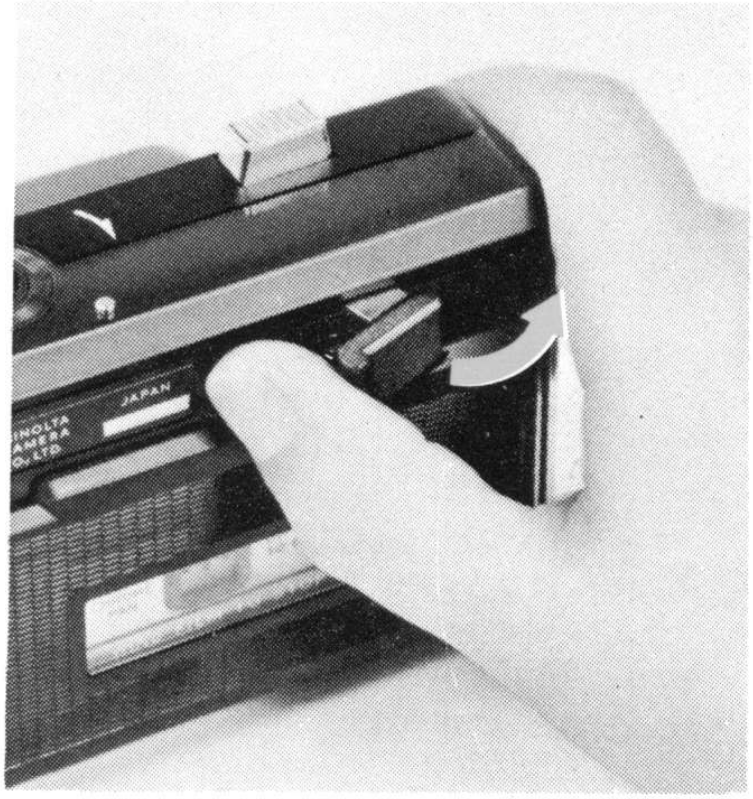
4. Advance the film lever as many times as necessary until exposure No. 1 appears in the window. Once the lever stops, do not force it. You're ready to take your first picture!

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WINDING THE FILM

After taking a picture, advance the film lever two full strokes in the direction shown until it locks. This action advances the film and cocks the shutter for the next exposure. It also turns Magicube to a fresh lamp if needed and available.

The picture frame number appears in the window on the back of the camera. The same number will appear several times in a row, and the exact placement in the window is unimportant. After each exposure, you must operate the film advance lever twice until it locks.

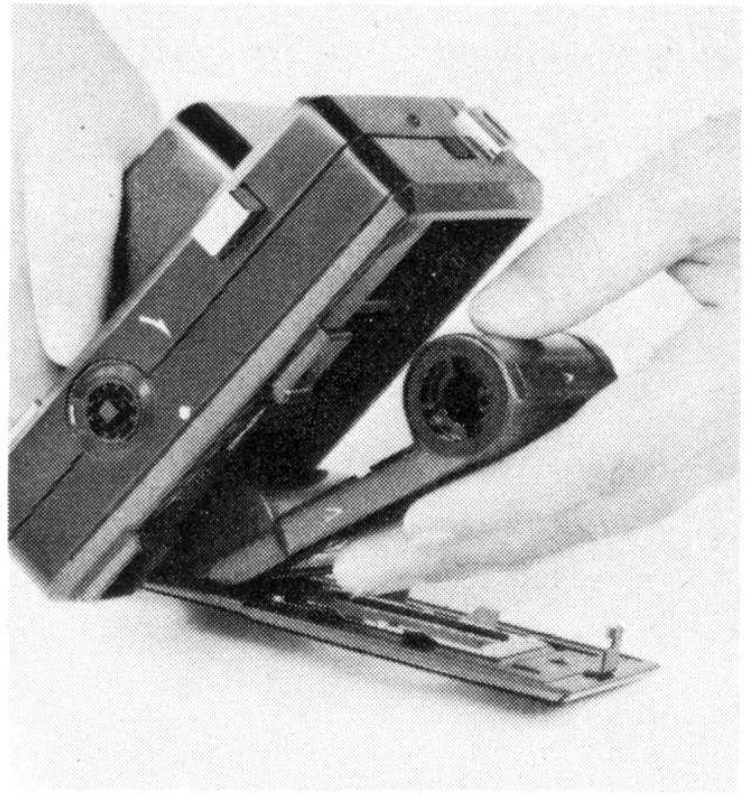


UNLOADING YOUR CAMERA

When you've taken the last exposure (No. 12 or No. 20), advance the film lever repeatedly until you can no longer see the film's paper backing in the window.

Open the camera and remove the film cartridge. The cartridge will drop out when the camera is turned over. Do not try to remove the film from its cartridge.

Never open the camera or remove the film cartridge until the film has been completely wound through onto the take-up spool and you can no longer see the film backing paper through the window.



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HOLDING YOUR CAMERA PROPERLY

A little care in holding your camera correctly will assure better pictures.
The camera should not move while you're taking a picture.
Make sure that you are standing perfectly still and that your grip is steady.
It is best to hold your camera horizontally, bringing it firmly against your face to steady it. Press the shutter gently with a slow, steady squeeze.
Make sure that your fingers don't cover the exposure meter or the lens.



COMPOSE YOUR PICTURE: Look through the viewfinder. You'll see a bright, yellow frame. What you see inside this frame is what you'll get on film. Because of parallax—the difference between what the viewfinder "sees" and what the lens "sees"—take care that your subject is entirely within the frame.
When camera is set at "portrait" symbol, use the angle line in the upper left corner and the short straight lines in the upper right and lower left corners as guides for the edges of your picture.

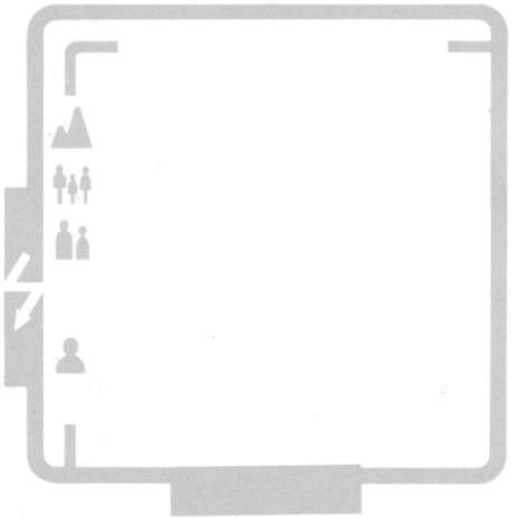


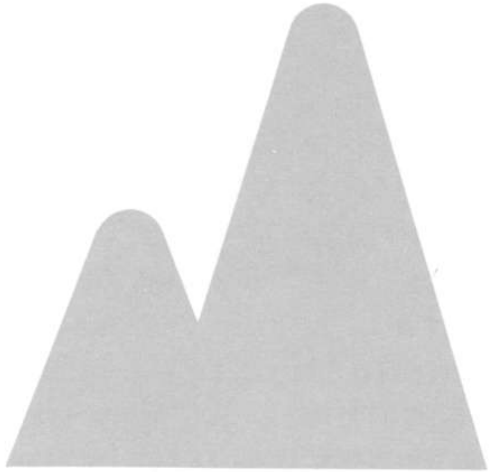
ELECTRIC EYE PHOTOGRAPHY: The lens opening is automatically controlled by the amount of light available; the precision CdS electric eye of your camera does this for you. You just select the right distance for the proper focus.

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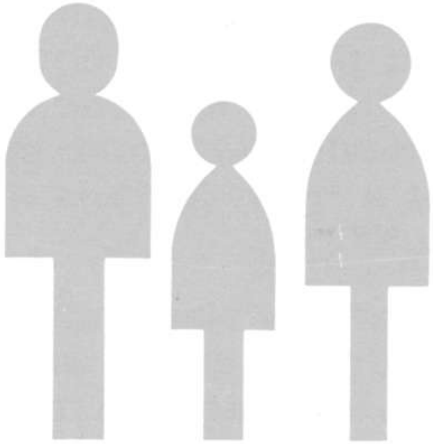
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FOCUS SELECTION: Focusing your camera is as easy as can be. Simply turn the focusing knob on the side of the camera until the needle in the viewfinder is set at the symbol for the type of picture you're taking.

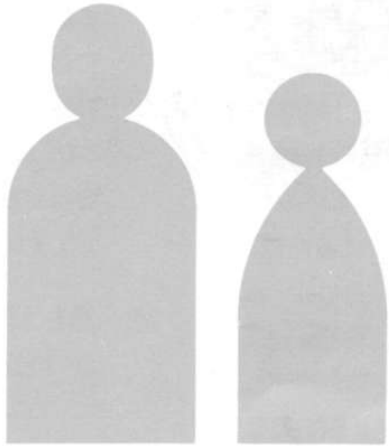




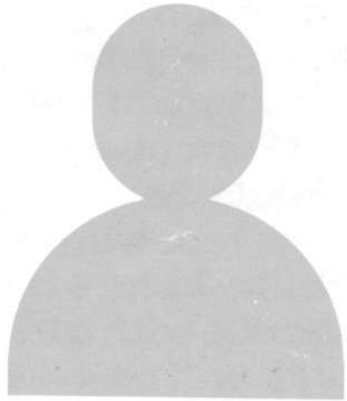
DISTANT: For taking general scenics and far-away views.



GROUP: This setting is for groups about 17 feet (5m) away or when shooting people including scenic backgrounds.



MEDIUM: Use this symbol when you can sight a full standing figure with only a small clear area at top and bottom of viewfinder. Focus distance is about 8 feet (2.5m) from camera.



PORTRAIT: Your subject should be at a distance of about 4 feet (1.2m) and should fully fill viewfinder frame from about the waist up.

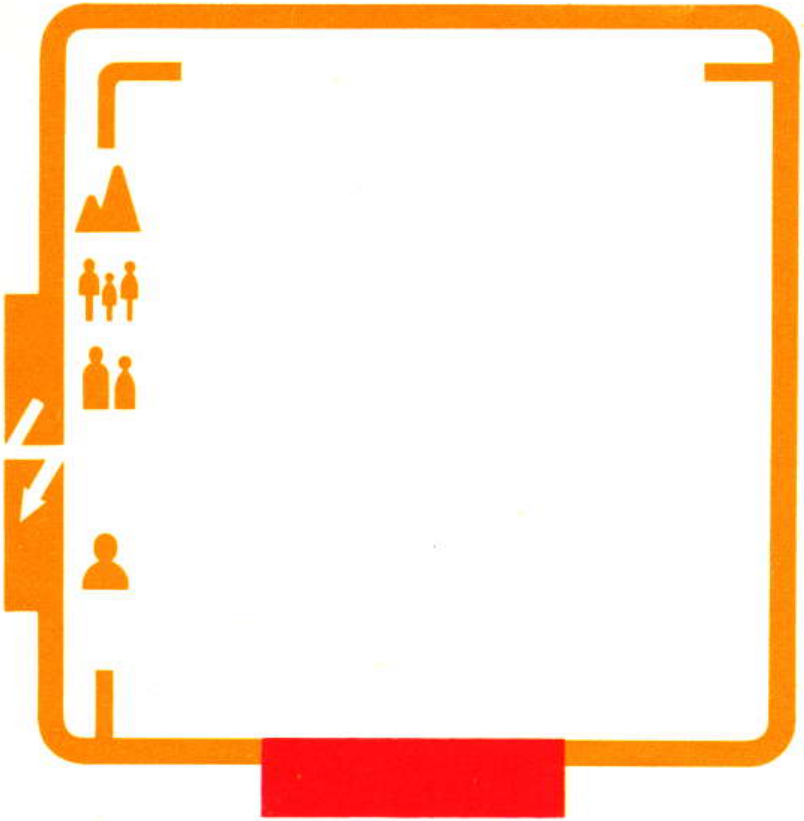
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FLASH PHOTOGRAPHY

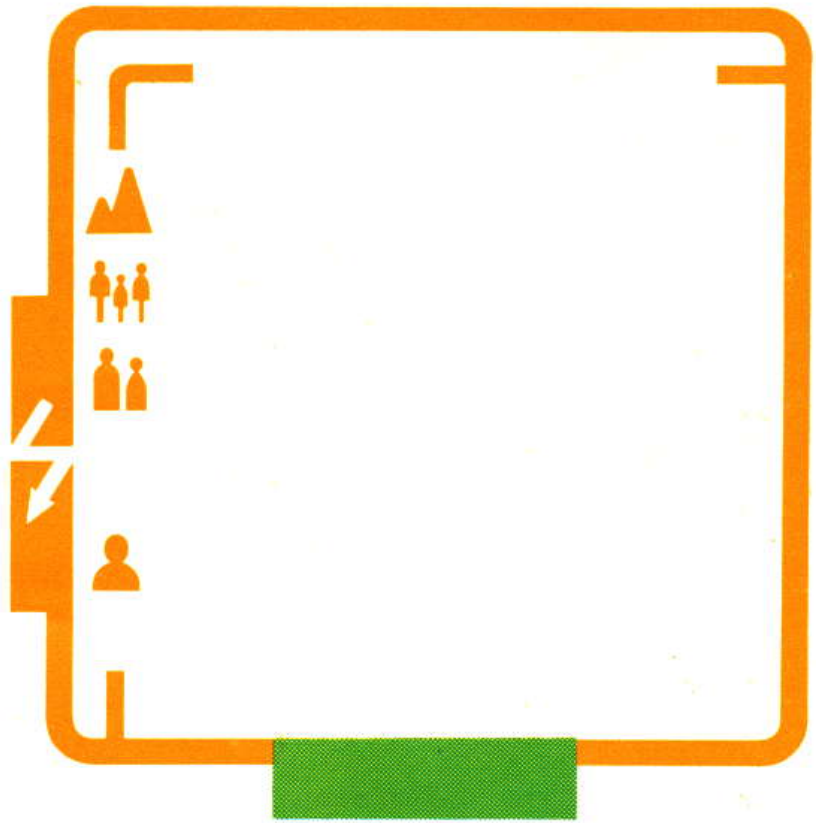
20 Flash pictures are easy to take. Your camera will tell you when you don't have enough light for your picture without using flash: A lamp will light at the bottom of the viewfinder. If there is no Magicube on the camera or if all 4 shots have been used, the lamp will glow red, warning you to attach a fresh cube before taking the picture. If a Magicube with a fresh lamp is in place, the lamp will be green, telling you to go ahead and take the picture. When the green lamp appears, your camera is automatically set for flash photography. All you have to do is set the proper focus and snap the shutter.

1. To install a Magicube, align one corner with the stud at back edge of camera top and push down on the cube until it clicks. The cube will rotate automatically each time you advance film if a fresh lamp is not in firing position.

2. At the left side of the viewfinder is a heavy line with a crooked arrow symbol in it; this indicates the range of settings for flash photography. The lower end of this line marks distance for closest flash shots about 3.3 feet (1m) from camera; upper end indicates far limit for effective flash use about 20 feet (6m) from camera.



"USE-FLASH" Signal
"REPLACE MAGICUBE" Signal



"FLASH-GO-AHEAD" Signal

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3. You can keep a **Magicube** in place at all times. If light is adequate for proper exposure without flash, the cube will not fire. This is a very handy feature of your Minolta Autopak 600-X. To check if flash is needed, depress the shutter button *slightly* and look for the lamp in the viewfinder.

CAUTION: You may turn an installed **Magicube** *clockwise* if necessary to bring a fresh lamp into position, but Magicube must *never* be turned *counterclockwise*

CARE AND STORAGE OF YOUR MINOLTA AUTOPAK 600-X

Your Minolta is made for long, carefree service. But there are a few things that you should do.

Never touch the camera lens. Should the lens become dirty, clean it with a soft, lint-free cloth, using a gentle motion.

If you don't plan on using your camera for a long period of time, it is best to remove the battery from the camera.

Camera should never be put or left in glove compartment or other place in motor vehicles or elsewhere in which it may be subject to relatively high temperatures.

Store your camera in cool, dry place away from dust or chemicals. An airtight container that has a drying agent like silica gel in it would be ideal.

We hope you'll enjoy your Minolta Autopak 600-X camera.

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If you have any questions, ask your Minolta dealer. He's knowledgeable in all aspects of photography. And he can help you with all of your photographic needs.

If you ever want another camera, we hope you'll take a look at the wide range of Minolta products. There's a Minolta for every amateur and professional use—all famed for their fine workmanship and the precision of Minolta-made Rokkor Lenses.

Should you ever have any comments or suggestions, we would be happy to hear from you.

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