

WARRANTY

Within a year after purchase, any repairs necessary to this KODAK INSTAMATIC Camera due to a defect in materials or workmanship will be made or, at our option, the camera will be replaced without charge. No other warranty, express or implied, shall be applicable to this equipment. Nor are we responsible for loss of film, for other expenses or inconveniences, or for any consequential damages occasioned by the equipment.

In case of a defect, the camera should be sent directly or through your photo retailer to Eastman Kodak Company or a repair firm authorized by us to make such repairs. It should be accompanied by a description of the trouble encountered and other available information regarding the camera, including the date and place of purchase.

EASTMAN KODAK COMPANY, Rochester, N.Y. 14650

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3-70-BCX

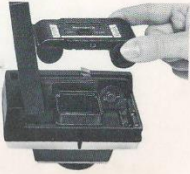
Printed in the United States of America

KODAK
INSTAMATIC®
X-35
Camera



You don't need to make any exposure settings with your KODAK INSTAMATIC X-35 Camera—the automatic daylight exposure control (battery-powered) does it for you. You can make daylight and flash close-ups from as close as 2 feet. Flash pictures are lighted by the new four-bulb, self-powered Magicube, Type X.

Insert exposure-control battery; then simply do this . . .



- Drop in film cartridge—camera is loaded.



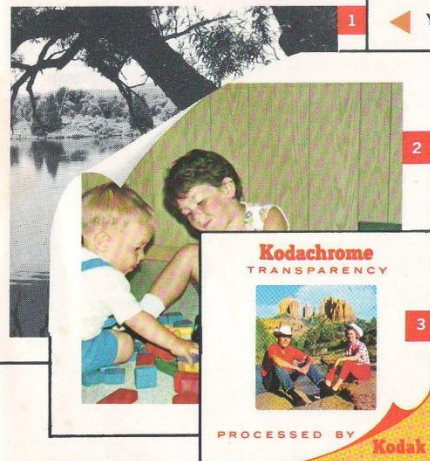
- Operate Film Advance Lever—first exposure is ready.



- Aim through Eye-level Finder; then press the Shutter Release—you've snapped the picture.

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... read on for the important details



Your camera takes all three—

- 1 Black-and-white prints
- 2 Color prints
- 3 Color slides

Before you take any especially important pictures, try a test cartridge of film to check the camera and your operation of it. Expose pictures outdoors and also indoors with flash. If time is pressing, a cartridge of black-and-white film can be processed very quickly.

(Pictures shown in reduced size)

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FILM Your camera accepts Kodak film in the 126 cartridge for instant loading and unloading. From the table below, choose the film that produces the type of pictures you want. Do not use film with a speed higher than ASA 125.

Type of Picture	Film	Produces	No. of Exposures	Processing	
				KODAK Mailer	
Black-and-White Prints	KODAK VERICHROME Pan	3½ x 3½-inch black-and-white prints or enlargements	12	None	Order from photo retailer
Color Prints	KODACOLOR-X	3½ x 3½-inch color prints or enlargements*	12 or 20	DP12	Order from retailer or Purchase Prepaid Processing Mailer from retailer. Proper Kodak mailers shown at left
				DP20-3S	
Color Slides	KODACHROME-X KODAK EKTACHROME-X	Color slides, mounted in 2 x 2-inch cardboard mounts for projection or viewing†	20	PK20	

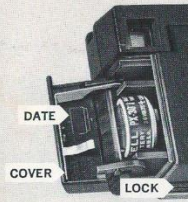
*Color slides are also available from your KODACOLOR-X negatives.

†Duplicate slides or enlarged color prints can be made from your original slides.

‡Color films will be processed and mailed to the address you specify.

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INSTALLING THE BATTERY



To power the daylight exposure control and warning light, install one 3-volt, PX-30 alkaline battery (like those supplied with outfits).

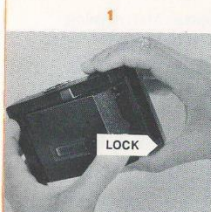
Before installing, clean battery surfaces with a rough cloth. Using the illustration as a guide, open the battery compartment by first turning the coin-slotted Lock counterclockwise, then swinging open the hinged cover. As illustrated, insert the battery in the compartment, positive (+) side toward the inside of the camera.

Pencil installation DATE within outline of battery in compartment cover. Close the cover and hold it closed while turning the coin-slotted Lock clockwise (in direction of arrow on lock) as far as it will go to lock the cover. If the cover does not close easily, do not force it—check the battery for proper positioning.

NOTE: Before loading film, check the present condition of the battery by first swinging out the FILM ADVANCE (page 6) as far as it will go; then covering the ELECTRIC EYE (page 8) with a finger while slowly depressing the SHUTTER RELEASE (page 8). When the shutter release is fully depressed, the red warning light (page 8) should appear in the viewfinder. If not, clean battery surfaces with a rough cloth, reinstall, check, and if necessary, replace with a fresh battery. Check battery periodically.

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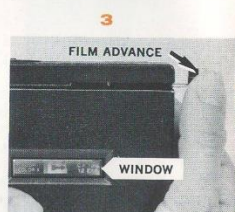
LOADING



Open the back of the camera by pressing up the lock button and swinging out the hinged cover.



Place a film cartridge in the camera, with the larger cylindrical end down and toward the lock button, as illustrated.



Close the back of the camera by pressing it against the camera body until it locks. The film name and number of exposures per cartridge appear in the window on the back of the camera.

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UNLOADING

Swing out the FILM ADVANCE lever toward the front of the camera and allow it to return; repeat until the lever locks (about a dozen full strokes). The appearance of a series of arrows in the center of the window indicates that the film is advancing toward the first exposure.

The number that appears in the center of the window on the back of the camera (the same number may appear in duplicate) serves as your exposure counter. **Important:** Disregard this exposure number when advancing film; the film advance lever must always be operated repeatedly until locked, otherwise the shutter release cannot be depressed.

1 After the last picture, operate the film advance lever until all of the yellow paper has been wound past the window before you open the back of the camera. The appearance of an "X" in the center of the window indicates that the film has been exposed but the backing paper has not been wound into the take-up chamber. Do not remove the cartridge from the camera until all the yellow paper with the "X's" has been moved past the window; otherwise several exposures will be "light-fogged."

2 Slide up the lock button and open the camera.

3 Remove the cartridge by turning the camera over to allow the cartridge to fall into your hand. Do not open the cartridge—your pictures may be ruined.

NOTE: Removing and replacing partially exposed cartridges, even under darkroom conditions, may result in loss of at least one exposure.

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OUTDOOR PICTURES

• The size of the lens opening is automatically controlled by the amount of light reflected to the electric eye by the subject. *During picture-taking, make sure that the ELECTRIC EYE is not obstructed by the fingers or any other object, and that the camera is not pointed toward the sun or other bright light-source.*

• Set the 2-position focus. For normal subject distances (beyond 6 feet) allow the ribbed **BUTTON** of the focus slide to remain

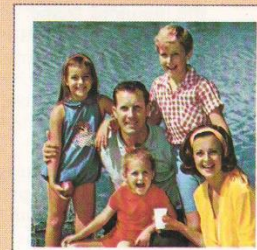
NOTE: Look through the viewfinder window. If there is not sufficient light to take a properly exposed picture, a red **WARNING LIGHT** will appear in the right side of the viewfinder as the **SHUTTER RELEASE** is almost fully depressed. Also, see note, page 12.

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in its normal position, that is, toward the shutter release.

For close-up pictures (2 to 6 feet), move the ribbed button as far as it will go away from the shutter release. After each exposure with the slide in this close-up position, the slide button automatically returns to the normal (beyond 6 feet) position. *It must be reset for another close-up picture.* The focus slide setting is indicated on the slide.

• View the subject by bringing the rear opening of the viewfinder just close enough to your eye to see the four sides of the **LUMINOUS FRAME** in the viewfinder. Retain this position and move the head and camera as a unit to outline the subject in



Color prints and enlargements, like the one shown reduced size above, can be produced from Kodacolor-X and other color films. Actual standard size is 3 1/2 x 3 1/2 inches.

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the luminous frame. For better centering of the picture at close subject distances (2 to 4 feet), frame the subject so that imaginary lines, shown by the two dotted lines in the illustration on page 8, indicate the top and left-hand boundary of the picture.

• Hold the camera steady and take the picture by *slowly* pressing down the **SHUTTER RELEASE** all the way. Make sure that the lens is clean and unobstructed by fingers, case, or strap.

• Operate the film advance repeatedly until it locks (1 1/2 to 2 strokes). The next exposure is ready.

Double-Exposure Prevention: The shutter release will not operate the shutter after tripping until the film advance lever is again operated until it locks.

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FLASH PICTURES



Be sure to use only the new self-powered Magicube, Type X. The conventional flashcube that requires batteries will not fit your camera.

Your camera features easy, rapid flash picture-taking with the new Magicube, Type X (shown at left) which contains its own flash power (draws no battery power). Each Magicube incorporates 4 blue bulbs, reflectors and flashguards. As the film is advanced to the next exposure, the cube rotates one-quarter turn clockwise to bring another flashbulb into firing position. Do not take daylight pictures with a used cube in place.

Distance: For properly focused and exposed flash pictures, follow the table below.

Films	Focus Setting	Camera-To-Subject Distance Range
KODAK VERICHROME Pan KODACOLOR-X	beyond 6 feet 2 to 6 feet	Between 6 and 18 feet Between 2 and 6 feet
KODACHROME-X or KODAK EKTACHROME-X	beyond 6 feet 2 to 6 feet	Between 6 and 13 feet Between 2 and 6 feet

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TAKING FLASH PICTURES

1. Insert a Magicube—Insert the base of the **MAGICUBE** into the socket on the top of the camera; then press down the cube until it snap-locks in place with one of its four sides facing forward. If a *used* bulb is in the forward position, a red **WARNING CURTAIN** appears in the upper area of the viewfinder. Flash exposure is not controlled by the electric eye, but depends on the distance from the flashbulb to the subject. Disregard the appearance of the warning light in the viewfinder.

The cube revolves one-quarter turn as film is advanced to the next exposure, thus pro-

NOTE: If in outdoor picture-taking, the red warning light (in viewfinder window) indicates insufficient light for proper exposure, or if you just wish to lighten shadows on the subject, take a flash picture. This is for subjects in the 2- to 13-foot range.

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viding flash for 4 successive exposures *if a fresh cube is in place*. To use a partially used cube, advance the film; then insert the cube *with a fresh bulb forward*. The cube can also be rotated *clockwise* by hand to position a bulb for firing.

To remove the cube, lift it off the camera.

2. Check Camera-to-Subject Distance—The distance from the flash to the subject is important for proper exposure. Therefore, *be sure* the subject is within the distance range shown in the table on page 11, and that the *focus slide is set* to include the subject distance.

3. Flash the Picture—View the subject by bringing the rear opening of the viewfinder just close enough to your eye to see the four sides of the luminous frame in the viewfinder; move head and camera as a unit to outline the subject in the luminous frame—then, slowly press the shutter release to flash the bulb and take the picture.*

As film is advanced to the next exposure, the cube revolves one-quarter turn to position a bulb for firing.

*If for any reason neither the camera shutter release nor the film-advance lever operates, remove the Magicube. Advance film before taking another picture.

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PHOTO AIDS

You can extend your picture-taking scope and enjoyment with the photo aids described below. See your photo retailer for these and others.

KODAK INSTAMATIC Field Case, Model K—This attractively lined, molded field case will provide maximum protection for your camera. The special drop-front design permits instant picture-taking, loading, and unloading without removing the camera from its case. Fasten the camera in the case by tightening the screw in the base of the case into the case-retainer socket in the base of the camera.

Kodak Projectors—A Kodak projector will show your color slides big, bright and sharp on the screen. Ask your photo retailer to see the popular **KODAK CAROUSEL** Projectors.

Kodak Publications—The way to snapshot fun and success is to be found in "How to Make Good Pictures"—perhaps the most popular picture-taking book of all time. Your photo retailer will be glad to show you this and other inexpensive books on photography.

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SERVICE FACILITIES

If your Kodak camera should require service, complete facilities are provided in Rochester and at Kodak Regional Marketing and Distribution Centers at the addresses opposite. Also, service covered under the warranty is available through independent service shops in many cities. For such local, warranty-covered service, please see your photo retailer or refer to the yellow pages of your telephone directory under Photographic Equipment and Supplies—Retail (Kodak Factory-Approved Warranty Service).

Eastman Kodak Company, Central Equipment Services Center
800 Lee Road, Rochester, New York 14650

Eastman Kodak Company, Regional Equipment Services Center
1901 West 22nd Street, Oak Brook, Illinois 60521

Eastman Kodak Company, Regional Equipment Services Center
1400 Hi Line Drive, Dallas, Texas 75207

Eastman Kodak Company, Regional Equipment Services Center
5315 Peachtree Industrial Blvd., Chamblee, Georgia 30005

Eastman Kodak Company, Regional Equipment Services Center
9100 Alcosta Blvd., San Ramon, California 94583

Eastman Kodak Company, Regional Equipment Services Center
1334 York Avenue, New York, New York 10021

Eastman Kodak Company, Regional Equipment Services Center
12100 Rivera Road, Whittier, California 90606

Eastman Kodak Company, Regional Equipment Services Center
1065 Kapiolani Blvd., Honolulu, Hawaii 96807

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**IMPORTANT SUPPLEMENT for
KODAK INSTAMATIC X-35 and X-45 Camera Manuals**

HELPFUL HINTS FOR BETTER PICTURES—Taking pictures with your camera is fun and easy. We believe you'll be happy with the many fine pictures it turns out for you. If, occasionally, one of your pictures isn't all that you expected, consult the chart below. When you know what went wrong, you can make sure it won't happen again.

WHAT HAPPENED	PROBABLE CAUSE	CORRECTION
Daylight pictures too light or too dark.	Battery incorrectly inserted (lack of power to electric eye).	Check battery; positive (+) side must face inside of camera (page 5 of manual).
Daylight pictures too dark.	Red warning light (for insufficient light) not observed.	Observe red warning light (page 8 of manual).
Daylight pictures too light.	(a) Weak or dead battery (lack of power to electric eye). (b) Battery needs cleaning (lack of power to electric eye). (c) Electric eye obstructed during picture taking.	(a) Check battery (NOTE, page 5 of manual). (b) Clean battery (page 5 of manual). (c) Make sure electric eye isn't obstructed by fingers or other object (page 8 of manual).
Flash pictures too dark.	Subject too far away from flash.	Keep within distance range shown in table on page 11 of manual. Do not waste film on longer distances.

WHAT HAPPENED	PROBABLE CAUSE	CORRECTION
Flash pictures too light.	Subject too close to flash.	Keep within distance range shown in table on page 11 of manual.
Pictures blurred.	(a) Camera movement. (b) Subject movement. (c) 2-position focus button not properly set.	(a) Hold camera steady; depress shutter release slowly. (b) Subject should be stationary or moving slowly toward or away from camera. (c) Set 2-position focus (pages 8 and 9 of manual).
Subject not centered or partly cut off in picture.	Improper use of viewfinder.	View the subject within the luminous frame (page 9), except at 2 to 4 foot range use dotted lines for top and left boundary of picture (shown page 8).
Foggy, misty picture.	Dirty camera lens.	Clean lens periodically with a clean, lintless cloth or Kodak Lens Cleaning Paper.

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