

HAWKEYE INSTAMATIC[®] R4 CAMERA

HAWKEYE INSTAMATIC R4 Camera

Your new HAWKEYE INSTAMATIC R4 Camera is feature-packed to give you—*instant, effortless picturetaking*—by sunlight or with the 4-bulb flashcube.

Simply do this . . .

- Drop in film cartridge—camera is loaded
- Operate Film Advance Lever — first exposure is ready
- Aim through Eye-level Finder — you see a bright, clear image of your subject
- Press the Shutter Release — you've snapped the picture

. . . read on for the important details



Kodachrome
TRANSPARENCY



PROCESSED BY

Kodak

▶ Your camera takes all three—

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

Before you take any 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, approx. $\frac{2}{3}$ actual size)

The Shutter Release on your camera cannot be depressed unless film is loaded in the camera, and the Film Advance Lever (page 7) has been operated repeatedly until locked.

FILM

Your camera accepts KODAK No. 126 Film in the film cartridge for instant loading and unloading.

You can make black-and-white snapshots, color snapshots or color slides, depending on the type of film you use. *Do not use film with a speed higher than ASA 125.*

KODAK VERICHROME Pan Film—For 12 black-and-white snapshots. You can order standard 3½ x 3½-inch black-and-white prints or enlargements from your film negatives through your photo dealer.

KODACOLOR-X Film—For 12 or 20 color snapshots. Standard 3½ x 3½-inch color prints or enlargements from your film negatives are available from your photo dealer.

KODACHROME-X Film—For 20 color slides. This film produces color slides which can be obtained, mounted in standard 2 x 2-inch cardboard mounts for projection or viewing, through your photo dealer.

KODAK EKTACHROME-X Film—For 20 color slides. This film produces color slides which can be obtained, mounted in standard 2 x 2-inch cardboard mounts for projection or viewing, through your photo dealer.

NOTE:

You obtain color negatives from KODACOLOR-X Film. These negatives are primarily for enlarged color prints, but you can also obtain color slides from the negatives. From KODACHROME-X or KODAK EKTACHROME-X, you obtain color slides, ready for projection. You can also have duplicate slides or enlarged color prints made from the original slides.

1

Open the back of the camera by sliding up the LOCK button and swinging out the hinged cover.



2

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



3

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





FILM ADVANCE

Push 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 for picturetaking.

UNLOADING

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 that the backing paper has not been wound into the take-up chamber.

2 Slide up the lock button and open the camera.

3 Lift out the cartridge and close the camera. **Do not open the cartridge**—your pictures may be ruined.

NOTE: Do not remove the cartridge from the camera until all the yellow paper, with the "Xs," has been moved past the window; otherwise several exposures will be "light-fogged." Removing and replacing partially-exposed cartridges, even under darkroom conditions, may result in loss of one exposure.



OUTDOOR PICTURES

- Have the sun behind you. *The subject must be in bright or hazy sunlight.* See also the note on page 11.
- Keep at least 4 feet from your subject for sharp pictures.
- View the subject by bringing the rear open-

ing of the viewfinder just close enough to your eye to see the entire outline of the front viewfinder frame. Aim the camera by moving the head and camera as a unit.

- 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 the lever locks.* You are ready for the next exposure.

Double Exposure Prevention: The shutter release cannot be depressed after tripping until the film advance lever is again operated until it locks.

FLASH PICTURES

Your camera features easy, rapid flash picturetaking with the flashcube which incorporates 4 blue bulbs, reflectors and flashguards. After taking a flash shot, immediately rotate the flashcube one quarter turn to bring another flashbulb into firing position. Because the flashcube remains cool, it can be handled right after firing.

- **For color slides,** use KODAK EKTACHROME-X or KODACHROME-X Film.
- **For color prints,** use KODACOLOR-X Film.
- **For black-and-white prints,** use KODAK VERICHROME Pan Film.

Distance—When you make flash pictures, the camera-to-subject distance must be between 4 and 9 feet with all films.



Batteries: Two photoflash or flashlight, size AAA, batteries* are required. Before installing, clean battery contacts with a rough cloth. To install batteries, first open the battery compartment on the bottom of the camera, as shown left, by sliding the raised RIB of the battery cover to the opposite end of the recess. Insert the batteries—one base *down*; the other base *up*—as

illustrated. Press down slightly against the batteries while sliding the cover back to close the compartment. *The cover must be all the way closed to complete the electrical circuit.*

*Alkaline-type battery recommended.

Important: Flash failure usually results from tarnish (often invisible) on battery and camera contacts. (1) Clean battery contacts often with a rough cloth. (2) Clean deep contacts in battery compartment often by rotating a pencil eraser several times on the contacts. (3) Clean contacts inside battery cover by sliding cover back-and-forth across battery contacts. If flash failure persists, install fresh batteries.



Taking Flash Pictures

1. Insert the Flashcube—Insert the base of the FLASHCUBE into the socket on the top of the camera; then press down the flashcube until it snap-locks in place with one of its four sides facing forward.

If a fresh cube is in place, flash for four exposures is provided by merely rotating the cube by hand (in either direction), after an exposure, to bring a new bulb into

NOTE: With a flashcube in the socket, the shutter speed is 1/40 second; without the flashcube, 1/90 second. Outdoors, when you don't have bright or hazy sunlight, insert a **used** flashcube in the socket (or a fresh cube with batteries removed) to obtain the slower shutter speed. This permits picturetaking under cloudy-bright light conditions.



Color prints, like the one above (shown reduced size), can be produced from KODACOLOR-X and other color films. Actual standard size is $3\frac{1}{2}$ x $3\frac{1}{2}$ inches.

the forward position—only a bulb in this position will fire.

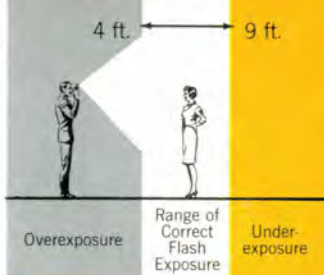
The flashcube can be removed from the socket on the top of the camera at any time (replace for use later if partially used) by raising the cube *straight up* out of the socket.

2. Check Camera-to-Subject Distance—The distance from the flashcube to the subject is important for proper exposure. Therefore, *make sure* that the subject is *no closer than 4 feet or farther away than 9 feet*.^{*} See illustration at right.

^{*}For handy reference, this distance range is shown on the top of the camera.

3. Flash the Picture—View the subject by bringing the rear opening of the viewfinder just close enough to your eye to see the entire outline of the front viewfinder frame; move head and camera as a unit when adjusting the field of view—then, slowly press the shutter release to flash the bulb and take the picture.

After taking a flash shot, rotate the cube one quarter turn to bring another bulb into firing position for the next exposure.



KEEP WITHIN THE FLASH RANGE

- Closer than 4 feet?
Unsharp, overexposed pictures.
- Farther than 9 feet?
Underexposed pictures.

Don't Waste Film on These Extremes

PHOTO AIDS



KODAK Publications—Kodak publications cover a multitude of subjects. The one illustrated here is "HOW TO MAKE GOOD PICTURES"—perhaps the most famous and popular picture-taking book of all time. In its 192 pages and over 400 illustrations you will find the keys to snapshot fun and success. See your Kodak dealer.



HAWKEYE INSTAMATIC Field Case—This attractively lined, simulated leather field case will provide maximum protection for your camera. The special drop-front feature permits instant picturetaking without removing the camera from its case. See your Kodak dealer or premium promotion.

SERVICE FACILITIES

If your KODAK camera should require attention, complete service facilities are provided at Rochester and in Kodak Regional Sales Divisions 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 Kodak dealer or refer to the yellow pages of your telephone directory under Photographic Equipment and Supplies—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 60523

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
3250 Van Ness Avenue, San Francisco, California 94119

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

WARRANTY

Within a year after purchase, any repairs necessary to this HAWKEYE 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 a Kodak dealer 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