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# BROWNIE AUTO 27



CAMERA

There are no exposure settings to make with your new BROWNIE AUTO 27 Camera — the new-type, built-in electric eye does it automatically. This, and many other features, such as modern styling, built-in flash, and 2-position focusing combine to give you extraordinary picturertaking ease.

Your camera makes black-and-white snapshots, color snapshots, or color slides, depending on which of three Kodak No. 127 films is loaded in the camera:



**KODAK VERICHROME Pan Film**—produces twelve 3½x3½-inch standard enlarged black-and-white snapshots.

**KODACOLOR Film**—produces twelve 3½x3½-inch standard enlarged color snapshots.

**KODAK EKTACHROME-X Film**, for color slides in daylight or with blue flash bulbs—produces twelve 2x2-inch slides (outside dimensions) with picture area of 1½x1½ inches.

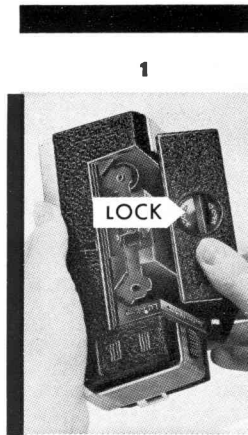
Before any important pictures—a trip or special event—shoot a roll of film and take a few flash shots for practice and a check on your equipment, especially the batteries. See your photo dealer for supplies, processing, or prints.



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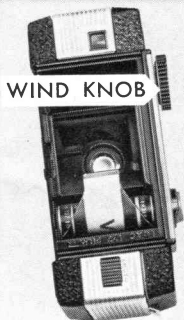
- 1 Turn the film compartment cover **LOCK** counterclockwise as far as it will go ( $\frac{1}{4}$ -turn) by rotating the cross-piece with the end of the thumb and forefinger. Lift off the cover.
- 2 The empty take-up spool should be in the **WIND KNOB** end and engage the wind knob key. If the end-pin of the spool does not engage the key, turn the wind knob until it is seated. Break the sealing band (remove when indicated) on the roll of No. 127 film; then place it in the film holder, as illustrated, by putting the end-pin of the spool flange in the hole of the spring (pointed out by word **LOAD**), and pressing out against the spring until the opposite end-pin of the spool can be fitted into its hole at the side of the film compartment.
- 3 Draw the paper, colored side out, over the square opening of the film holder, and thread the paper evenly into the slot of the empty take-up spool. Turn the wind knob two full turns and, at the same time, apply slight pressure on the supply spool so the paper winds straight and tight.
- 4 Replace the film compartment cover, and, while pressing down firmly on the back, turn the



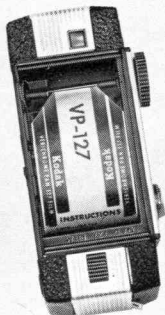
cover lock clockwise, as far as it will go ( $\frac{1}{4}$ -turn) to secure it in place. *Check to make certain that the cover is fastened.*

**5** Look into the red window on the back of the camera. Turn the wind knob clockwise until the warning arrow appears; then slowly wind until the "1" is centered. The film name precedes each of the 12 numbers. You are now ready for the first picture. The wind knob is of the ratchet type to allow "winding" back and forth as a watch.

2



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Take pictures with either black-and-white film (VERICHROME Pan) or color films (KODACOLOR or EKTACHROME-X) with the subject under bright sun to cloudy-bright light conditions. However, the *best* color pictures are made in bright sunlight; the sun should be behind you. Make sure that the flash door is *closed*, thereby automatically selecting the daylight shutter speed.

The size of the lens opening is automatically controlled by the amount of light reflected to the battery-powered ELECTRIC EYE by the subject. *Install batteries as on page 8. Make sure that the electric eye is not obstructed, during picturetaking, by the fingers or any other object, and that the camera is not pointed toward the sun or other bright light source.*

**IMPORTANT:** If there is not sufficient light to take a properly exposed picture, a WARNING BAR will drop down in the top front of the viewfinder as the SHUTTER RELEASE button is slightly depressed (not far enough to trip the shutter).

It is necessary for proper exposure that batteries be reasonably strong.\*

\*To check battery strength for automatic lens-opening operation (not flash bulb firing), face the electric eye toward a bare 100-watt lamp, at a distance of about 1 ft. If, when the shutter release button is slightly depressed, a white spot shows inside the taking lens, batteries are sufficiently strong. If the white spot **does not** show, replace the batteries.

If the warning bar indicates insufficient light, take pictures with flash, and only at close distances — use clear lamps with VERICHROME Pan Film; blue lamps with KODACOLOR or EKTACHROME-X Film. See page 8 for Flash.

1 Set the two-position focus by rotating the FOCUSING MOUNT until its white triangular pointer “clicks” into place opposite the black wedge-shaped index of either:

“BEYOND 8 FT.”—for subject distances greater than 8 ft.

“CLOSE-UPS”—for subject distances of 3½ to 8 ft.

2 View the picture with your eye close to the square viewfinder eyepiece located on the back of the camera, at the left side. Press the shutter release slightly to see if the warning bar appears.

3 Hold the camera in a *horizontal position* as shown in the illustration; then, with the camera steady, take the picture by slowly pressing the SHUTTER RELEASE button.

4 Wind the film to the next exposure. You cannot make another exposure until film has been advanced.





With Kodak Ektachrome-X Film, indoors, use *blue* bulbs. With Kodak Verichrome Pan or Kodacolor Film, indoors, use *clear* bulbs.

**1** Two fresh 1½-volt photoflash AA-size batteries which test at least 3½ amperes (on photoflash battery tester), are required. Weak batteries may cause flash failures. To install batteries, first remove the BATTERY RECESS cover on the bottom of the camera by pressing on the front ribs, sliding the cover toward the front of the camera to raise the opposite end and lifting it off. Make sure that battery, camera and cover contacts are clean; then insert the batteries — one base down; the other base up — as *printed on the battery compartment*. Replace the battery cover by inserting the longer tab in its spring-loaded slot toward the front of the camera; then lowering the short-tab end into its slot.

**2** Slide the ribbed CATCH away from the FLASH DOOR; the door will spring open and automatically select the flash shutter speed. Insert an AG-1 type flash bulb into the reflector SOCKET; press in until it clicks into place\*.

\*A flash bulb, seated in the socket, will not flash when the shutter release is pressed, with the door closed. A flash bulb, therefore, can always remain ready for a quick flash shot—merely open the door and shoot.





**3** The distance from the camera to the subject is important for proper exposure. Keep within the distances in the table on page 10 and adjust the focusing mount for **CLOSE-UPS** or **BEYOND 8 feet**, depending on the camera-to-subject distance. Adjusting the focusing mount automatically selects the correct lens opening for flash.

**4** View the picture with your eye close to the viewfinder eyepiece and *slowly* press the shutter release button to flash the bulb and take the picture. Disregard the possible appearance of the warning bar in the viewfinder.

**NOTE:** The most pleasing appearance of the subject's eyes will result when the flash picture is taken in a brightly lighted room, and the subject is not looking directly at the camera.

**5** Press the black, ribbed slide, labeled EJECT, on the right back of the camera, in the direction of the arrow to eject used lamps.

**CAUTION:** Do not touch lamps during or immediately after flashing—they are extremely hot. Since lamps may shatter when flashed, use of the Flash-guard (packed with the camera) over the reflector is recommended. Never flash lamps in an explosive atmosphere.

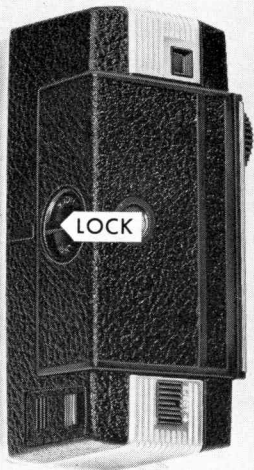
### INDOOR FLASH EXPOSURE TABLE

Film	Flash Bulbs	Distance Setting	Camera-to-Subject Distance
Verichrome Pan	Clear Bulbs (AG-1)	Close-Ups	5 ft.—15 ft.
		Beyond 8 ft.	8 ft.—25 ft.
Kodacolor		Close-Ups	4 ft.— 8 ft.
		Beyond 8 ft.	8 ft.—15 ft.
Ektachrome-X	Blue Bulbs (AG-1B)	Close-Ups	5 ft.— 8 ft.
		Beyond 8 ft.	8 ft.—13 ft.

## UNLOADING

*always in subdued light.*

- After the 12th picture, turn the wind knob until the end of the paper has passed the red window and is completely wound on the take-up spool.
  - Turn the film compartment cover LOCK counterclockwise as far as it will go, and lift off the cover.
  - Press the film spool, by its outside flange toward the spring end (outside). Swing out the opposite end of the spool and remove the roll of film.
  - Fold under the end of the paper. Seal it with the paper sticker.
  - Move the empty spool to the wind-knob end of the camera so that it is ready for reloading.
- IMPORTANT:** Do not leave exposed film in bright light.



## **WATCH OUT FOR THESE**

You'll take better snapshots if you avoid the six common mistakes described below. Watch out for these when making pictures.

**1 CAMERA MOVEMENT**, during the exposure, results in a blurred picture. Hold the camera steady and press the shutter release with a slow, steady motion.

**2** To avoid pictures with a foggy effect, don't make pictures with a **DIRTY LENS**. Clean your lens with Kodak Lens Cleaning Paper or Kodak Lens Cleaner and a soft lintless cloth.

**3** If **YOUR FINGER OR THE NECK STRAP IS IN FRONT OF THE LENS**, you'll get a picture similar to that shown opposite.

**4 CLUTTERED BACKGROUNDS** — trees, wires, poles — steal interest from the subject. Look beyond the subject before you shoot.

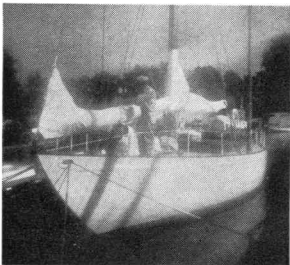
**5 SUBJECT MOVEMENT**. Don't snap moving subjects unless they are moving slowly and directly toward or away from the camera.

**6 SUBJECT OUT OF FOCUS**. When your subject is too close to the camera (closer than 3½ ft. at the **CLOSE-UP** setting, or 8 ft. at the **BEYOND 8 ft.** setting), it will appear fuzzy. Set the focusing mount correctly for the camera-to-subject distance.

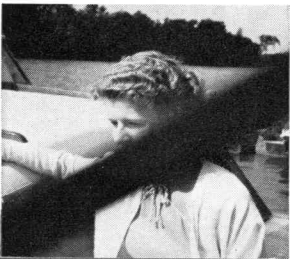
1



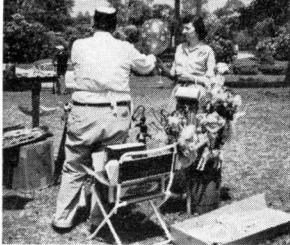
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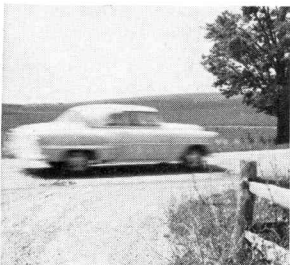
3



4



5



6



- “How to Make Good Pictures” is perhaps the most famous and popular picturing book of all time. See your Kodak dealer for this and other publications.
- The KODAK Close-Up Attachment, No. 13 can be slipped over the lens for extra-close pictures of people, flowers, etc. With the focusing mount set at CLOSE-UPS, the lens-to-subject distance must be 20 to 40 inches under bright sun conditions; 23 to 33 inches under cloudy-bright light conditions. See instructions packed with the attachment.
- The KODAK Cloud Filter No. 13 captures fluffy clouds by making the blue sky appear darker. Use it with KODAK VERICHROME Pan Film – *never with Kodak color films.*
- The KODAK READYMATIC 500 Projector shows you the full beauty of your slides brilliantly projected onto a screen.
- The BROWNIE SUPER 27 Field Case will protect your camera. The drop-away front readies the camera for immediate use.

*See your photo dealer for these and other photo aids.*

## **GUARANTEE**

**WITHIN a year after purchase, any repairs necessary to this BROWNIE AUTO 27 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 or guarantee, 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 unsatisfactory operation, 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 4, New York**



## Camera Features

- FILM** . . . KODAK 127 roll film — negative or transparency size  $1\frac{5}{8}$  x  $1\frac{5}{8}$  inches — 12 exposures per roll
- PICTURES** . . . Standard enlarged color and black-and-white prints  $3\frac{1}{2}$  x  $3\frac{1}{2}$  inches—color slides 2 x 2 inches (super slides)
- EXPOSURE CONTROL** . . . Automatic — with warning bar indicating insufficient light
- LENS** . . . KODAR — 2-position focusing — “Close-Ups” and “beyond 8 ft.”
- SHUTTER** . . . 2 speeds: flash door closed (1/80 sec.), flash door open (1/40 sec.)—with double exposure prevention
- VIEWFINDER** . . . Optical — eye level type
- FLASH** . . . Built-in, for AG-1 bulbs; synchronizing shutter speed automatically selected by opening flash door; lens opening automatically selected by distance setting. Flashguard supplied with camera
- NECK STRAP** . . . Adjustable — supplied with camera

