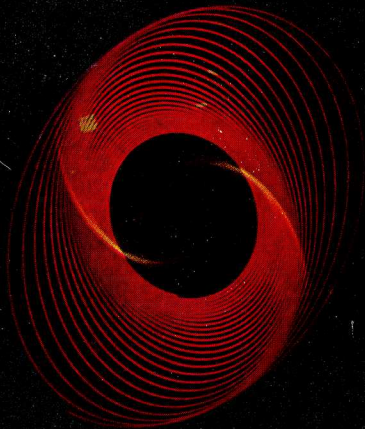


Brownie

STARMATIC

C A M E R A

WITH KODAR LENS *f*/8



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YOUR BROWNIE STARMATIC TAKES ALL 3

YOUR Brownie Starmatic Camera will take good clear pictures on cloudy or bright days—automatically. Operation is very simple. Wonderful pictures will be your reward if you understand your camera. Read these instructions carefully, and keep your camera handy; then practice each step as it appears in the manual.

- 1 Kodak Verichrome Pan Film—produces $3\frac{1}{2} \times 3\frac{1}{2}$ -inch standard enlarged black-and-white prints.
- 2 Kodacolor Film—produces $3\frac{1}{2} \times 3\frac{1}{2}$ -inch standard enlarged color prints.
- 3 Kodak Ektachrome Film for Daylight for daylight pictures and "Type F" for flash pictures—produce super slides 2×2 inches, picture size $1\frac{1}{2} \times 1\frac{1}{2}$ inches.

See your photo dealer for processing, prints, and enlargements.



1 for 12 black-and-white snapshots



2 for 12 color snapshots



3 for 12 color slides

uses
Kodak
127
films

T.M. REG.
U.S. PAT. OFF.



LOAD

*always in
subdued light*

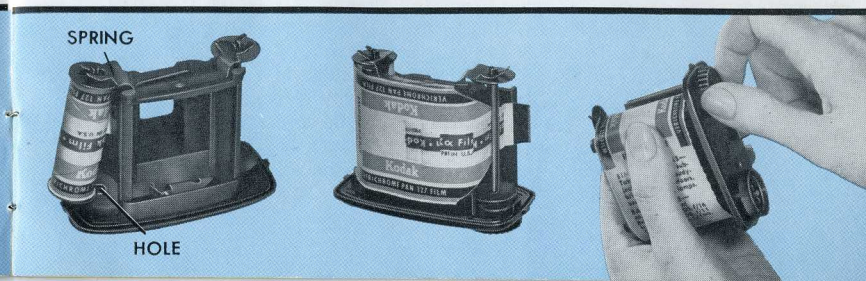
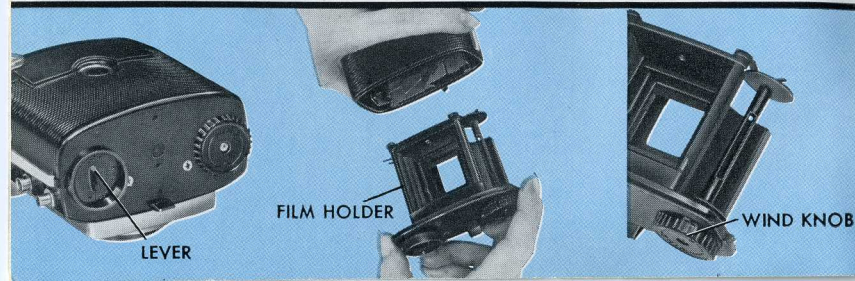
NOTE: If you are practicing with an empty camera and find the red shutter release cannot be pressed down, turn the wind knob on the bottom of the camera.

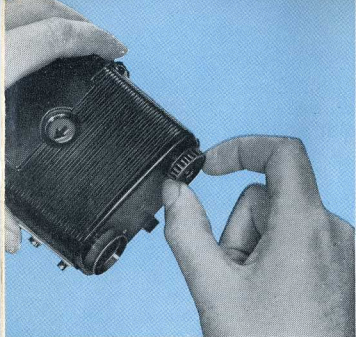
- 1 Push the LEVER on the bottom of the camera to open; then withdraw the FILM HOLDER from the camera as illustrated.
- 2 The empty spool should be over the WIND KNOB. If the end of the 4 spool does not engage the wind knob, turn the wind knob.

3 Place the end of the full film spool between the fork of the SPRING pointed out by the word LOAD on the film holder. Push up against the spring; then swing the other end of the spool in and let it snap into the HOLE.

4 Break the film seal; then draw the paper, colored side out, over the large opening in the film holder marked FILM THIS SIDE. Thread the end of the paper evenly into the slot of the empty spool. Turn the wind knob two full turns and at the same time apply slight pressure on the paper to be certain it is wound on the spool straight and tight.


5





5 Replace the film holder; make sure it is all the way in. Lock it in place by moving the lever all the way to LOCK.

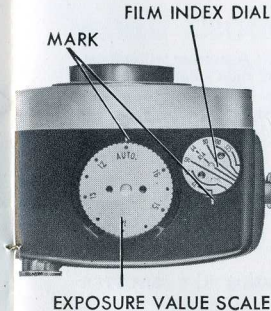
6 Look into the red window on the camera back. Wind the film until the warning arrow appears; then slowly wind until the "1" is centered in the window. The film name precedes each of the 12 numbers.



Before making any important pictures—a trip or some special event—it is well to shoot a roll of film outdoors and indoors with flash. This will give you practice in camera operation and provide a check on your equipment.

PICTURETAKING *Automatic exposure control*

WHEN operating the Brownie Staromatic Camera automatically, you must know the daylight exposure index of the film loaded in the camera. Kodak Verichrome Pan Film has a daylight exposure index of 80 which is printed on the paper leader of the film. The exposure indexes for Kodak Color Films are also given in the instructions packed with the films. Proceed as follows:



1 The FILM INDEX DIAL is marked for American Standard Exposure Indexes of 32, 40, 50, 64, 80, 100, and 125. Turn the film index dial until the line from the exposure index number of the film in the camera points to the raised white MARK. For example: the daylight exposure index for Kodacolor Film is 32—set the index dial at 32 as shown.

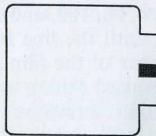
2 Turn the EXPOSURE VALUE SCALE until the word *AUTO* is exactly opposite its raised white mark. Now the size of the lens opening is automatically controlled by the amount of light reflected to the exposure meter from the subject.



This picture shows the recommended way to hold the camera. It is important that you hold the camera steady and that your finger or the neck strap is not in front of the taking lens or the exposure meter.

3 Compose the picture with your eye close to the rear opening of the viewfinder so that you can see all 4 corners of the front finder.

For proper exposure, the exposure meter must read light reflected by the subject; therefore, on sunny days, keep the sun behind you.



NOTE: A pointer will appear in the right side of the viewfinder if there is not sufficient light to take a properly exposed picture.

4 For sharp pictures in bright sunlight, the subject should not be closer to the camera than 5 feet. For poorer light conditions, the subject should not be closer than 6 feet.

5 Hold the camera *steady* while *slowly* pressing the SHUTTER RELEASE all the way down.



SHUTTER RELEASE

6 Wind the film to the next exposure. The shutter release will remain locked after every exposure until the winding knob is turned.

MORE ABOUT VERICHROME PAN FILM

The daylight exposure index of 80 for Verichrome Pan Film includes a safety factor intended to prevent underexposure due to variations in equipment and use. If you find that your Brownie Starmatic Camera produces overexposed pictures when used automatically outdoors, the exposure can be reduced by turning the film index dial on the camera to 125 instead of 80.

UNLOAD *always in subdued light*

1 After the 12th snapshot, wind until the end of the paper passes the window and is completely wound on the take-up spool.

- 2 Push the lever to OPEN. Withdraw the roll holder. Grasp the end of the film spool near the forked spring and swing the film out.
- 3 Fold the end of the paper under. Seal it with the paper sticker.
- 4 To reload the camera, move the empty spool to the wind knob side of the roll holder.

Important: Do not leave the exposed film in bright light. Always have the film developed as soon as possible.

FLASH PICTURES *Manual exposure settings*

FLASH PICTURES are easy to make. Just attach a Kodalite Midget Flashholder or a Kodak Rotary Flashholder, Type 1.

When taking flash pictures, the exposure meter no longer provides the proper lens openings. Manual exposure settings have to be made by turning the exposure value scale to the appropriate exposure value number. When the exposure value scale is turned from

AUTO, the automatic exposure control feature becomes inoperative. The lens opening is then controlled by the full or intermediate settings, 16 to 12, on the exposure value scale. Number 16 provides the smallest lens opening; number 12, the largest lens opening. This also changes the viewfinder from *clear* to *tinted*, indicating manual exposure settings. Disregard the appearance of the pointer in the viewfinder when using the manual settings.

- 1 Attach the Kodak Flashholder to your camera (see page 13 for the Kodalite Midget).

- 2 Insert a flash lamp in the socket.

Use *clear* flash lamps with Kodak Verichrome Pan or Kodacolor Films. To make color slides indoors, use Kodak Ektachrome Film Type F and *clear* flash lamps or Kodak Ektachrome Film for Daylight and *blue* flash lamps as noted in the table on page 12.

- 3 Turn the exposure value scale to the proper exposure value number (16 through 12). The setting of the exposure value scale is important, as is the distance from the camera to the subject—see table on next page.

4 Compose the picture; then press the shutter release to flash the lamp and take the snapshot.

5 Depress the LAMP RELEASE to remove the used lamp.

Camera-to-subject distance table FOR KODALITE MIDGET FLASHHOLDER

Film		Flash Lamp	Exposure Value Numbers					
			12	13	14	15	16	
Verichrome Pan	Clear Lamps	M-2, No. 5, No. 25	16 ft	12 ft	8 ft	6 ft	—	Approximate camera-to-subject distance
		M-5, M-25	22 ft	16 ft	11 ft	8 ft	6 ft	
Kodacolor or Ektachrome Type F	Clear Lamps	M-2, No. 5, No. 25	10 ft	7 ft	5 ft	—	—	
		M-5, M-25	14 ft	10 ft	7 ft	5 ft	—	
Ektachrome for Daylight	Blue Lamps	No. 5B, No. 25B	7 ft	5 ft	—	—	—	
		M-5B, M-25B	10 ft	7 ft	5 ft	—	—	

This table is to be used as a guide. It refers to average subjects in average rooms.

NOTE: Since lamps may shatter when flashed, the use of a Kodalite Midget Flash-guard over the reflector is recommended. *Do not flash lamps in an explosive atmosphere.*

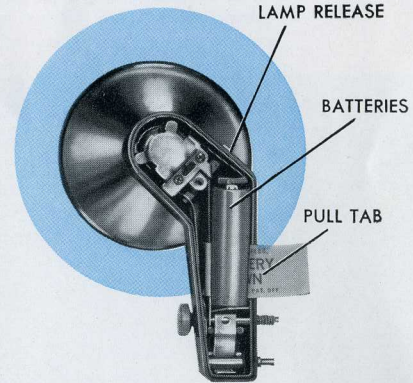
KODALITE MIDGET FLASHHOLDER

how to install the batteries:

1 Remove the cover by loosening the coin-slotted screw.

2 Make sure that battery and flashholder contacts are clean; then insert two 1½-volt photoflash penlite BATTERIES, both *base down*. The PULL-TAB should be under the batteries with its end out.

NOTE: Batteries must be fresh (test at least 3½ amperes each). Weak batteries may cause picture failures. For most dependable lamp firing, a Kodalite Midget B-C Flashpack and 15-volt photoflash battery are recommended.



3 Replace the cover plate and tighten the screw.

4 Place the flashholder posts into the holes in the side of the camera. Tighten the knob on the side of flashholder. The Kodalite Midget Flashholder is primarily designed for the midget-type M-2, M-5, and M-25 lamps. Bayonet-base No. 5 or 25 lamps can also be used.

NOTE: Do not place a lamp in the socket until the flashholder has been attached to the camera.

EASTMAN KODAK COMPANY • ROCHESTER 4, N. Y.

GUARANTEE

WITHIN a year after purchase, any repairs necessary to this Brownie Starmatic 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 5/8 x 1 5/8 inches—12 exposures per roll
- pictures* Standard enlarged color and black-and-white prints
3 1/2 x 3 1/2 inches—color slides 2 x 2 inches (super
slides)
- exposure control* Automatic—with signal indicating insufficient light
for proper exposure
Manual—with five lens openings—EV 16 through 12
- lens* Kodar f/8—44 mm—three elements—fixed focus
- shutter* Instantaneous—synchronized for flash—with double
exposure prevention
- viewfinder* Optical—eye level type—with signal indicating manual
setting
- neck strap* Adjustable—supplied with camera
- photo aids* Brownie Starmatic Field Case. Kodak Close-up At-
tachment No. 7A. Kodak Cloud Filter No. 7A. Ko-
daslide Pocket Viewer, Model 1 or Model 2. Kodak
Illuminator, Model 1 (for Kodaslide Pocket Viewers).
Kodak 300 or 500 Projector
- flashholders* Kodalite Midget. Kodak Rotary, Type 1.