

HOW TO USE YOUR

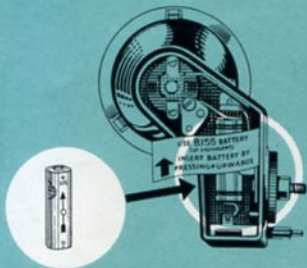
BROWNIE

FLASHHOLDER 5

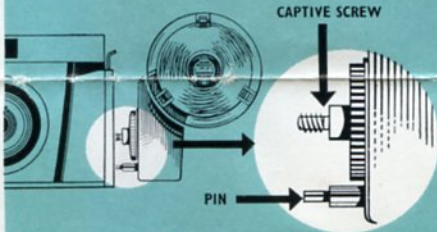
for AG1B and similar-base flashbulbs

KODAK LIMITED LONDON

**fitting
the battery**



**fitting
the flashholder**



Before using the flashholder for the first time, a fresh 22½-volt battery (Ever Ready B155 or equivalent) must be inserted. Undo the knurled screw on the back of the flashholder and remove the metal cover. Insert the battery, positive pole (+) uppermost. The tape within the body should be underneath the battery, so that when the battery is exhausted it can be removed by lifting the end of the tape. (Always remove exhausted batteries immediately). It is essential to ensure that good contact is made between the metal ends of the battery and the metal contacts of the flashholder. Replace the cover and secure it by tightening the knurled locking screw.

Remove the batteries before storing for long periods.

This flashholder is for cameras having the "screw and pin" fitting illustrated. If desired, the 'Brownie' Flashholder 5 may be fitted to some cameras without removing the ever-ready case.

Do not insert the flashbulb until the flashholder has been attached to the camera. Always eject an unfired flashbulb before removing the flashholder from the camera.

Insert the PIN on the flashholder into the lower of the two holes on the camera, then screw the CAPTIVE SCREW into the upper hole. Electrical connections are made automatically.

This picture shows the 'Brownie' Flashholder 5 fitted to the KODAK 'Colorsnap' 35 Camera Model 2 in an ever-ready case, but it is suitable for all 'Kodak' and 'Brownie' Cameras with a screw and pin fitting.

You ought to read

"HOW TO TAKE PICTURES BY FLASH"

(Ask your Kodak dealer to show you a copy)

taking flash pictures

Remove AG1B or AG3B flashbulbs from their packing by *sliding* them out of the plastic holder. Do not use any bulb if the blue spot has turned pink. Fit a flashbulb into the socket. It will slide in only one way: push the bulb right in firmly *without* twisting it. Stand within the correct distance range for the film and bulb in use – full details are given in the flash exposure table overleaf. When you press the exposure release on your camera, the flashbulb fires automatically at the right instant.

NOTE: When taking close-ups or groups, the use of the Flashguard is recommended. Never take flash pictures in an explosive atmosphere.

removing fired flashbulbs

Remove the FLASHGUARD and hold the camera (lens pointing downwards) over a suitable receptacle. Then press the BULB EJECTOR and allow the bulb to drop out. Do not touch a newly fired flashbulb – *it will be too hot.*

*Kodak and product names quoted thus—
'Brownie'—are trade marks*

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Use either the EV or LSN numbers shown in the table, according to the markings on your camera. For the correct lens setting, first find, in the left hand column of the table, the film you are using. Then set the lens to the number given for the appropriate subject distance.

For example - using 'Kodachrome-X' Film with your subject within a distance range of 5-8ft, the correct lens setting is EV13 or LSN3.

Use only blue bulbs (AG1B or AG3B) with colour and black-and-white films. The lens settings given are for subjects in rooms of average household size. In the following circumstances alter the settings as follows:

Large rooms or rooms with dark furnishings and decorations: *Subtract 1EV or add 2LSN*

Small rooms or rooms with light furnishings and decorations: *Add 1EV or subtract 2LSN.*

NOTE: Metric distances are given in the middle of the table.

'BROWNIE' CRESTA II CAMERAS Keep within the distances given for EV13.

'BROWNIE' 44B CAMERAS Lens settings and flash distances for this camera are given in the following table. Use a shutter speed of 1/30 sec.

'Kodachrome-X' & 'Ektachrome-X'

Lens setting	f/16	f/11	f/8
Distance ranges	6-8	8-12	12-17
	1-7-2-3	2-3-3-8	3-8-5-0

'Verichrome' Pan

Lens setting	f/16	f/11	f/8
Distance ranges	7-20	9-20	13-20
	2-0-6-0	2-7-6-0	4-0-6-0

NOTE: For feet use green figures, for metres use black figures.

Subject distance in feet	2 $\frac{1}{2}$	3	4	5	6	7	8	9	10	15	20	25
'Kodachrome II' for Daylight	AG1B & AG3B	EV14, LSN1			EV12, LSN5			EV10, LSN9				
			EV13, LSN3			EV11, LSN7						
		EV15		EV13, LSN3			EV11, LSN7					
'Kodachrome-X' 'Kodachrome-X' 'Ektachrome-X'	AG1B & AG3B		EV14, LSN1			EV12, LSN5			EV10, LSN9			
				EV15			EV13, LSN3			EV11, LSN7		
					EV14, LSN1			EV12, LSN5				
High Speed 'Ektachrome'	AG1B & AG3B			EV15			EV13, LSN3			EV11, LSN7		
						EV14, LSN1			EV12, LSN5			
Subject distance in metres	75	1-0	1-5	2-0	3-0	4-0	5-0	6-0				
'Panatomic-X'	AG1B & AG3B	EV14, LSN1			EV12, LSN5			EV10, LSN9				
				EV13, LSN3			EV11, LSN7					
			EV15			EV13, LSN3						
'Verichrome' Pan 'Plus-X' Pan	AG1B & AG3B				EV14, LSN1			EV12, LSN5				
'Tri-X' Pan	AG1B & AG3B					EV15			EV13, LSN3			
								EV14, LSN1				
Subject distance in feet	2 $\frac{1}{2}$	3	4	5	6	7	8	9	10	15	20	25

Flash distances beyond 20 feet are approximate only; the allowance for large rooms may also be necessary (see text alongside table).