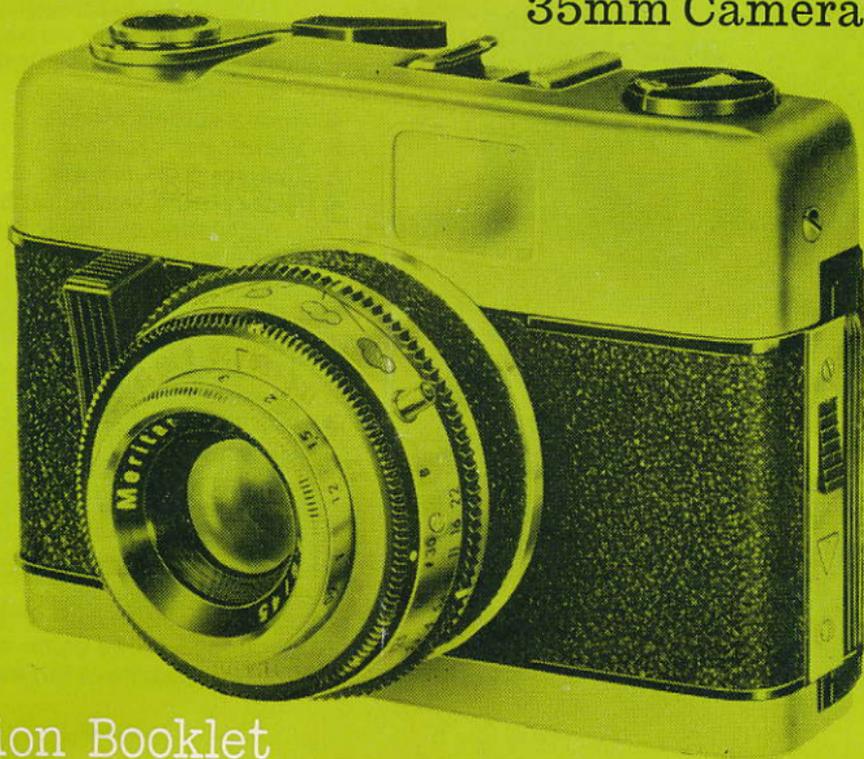


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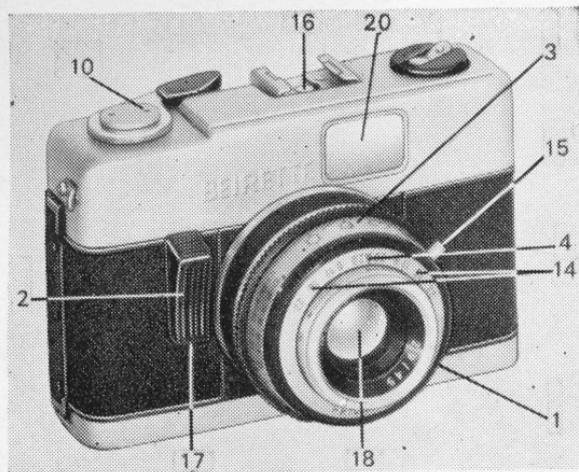


Beirette IV

35mm Camera



Instruction Booklet

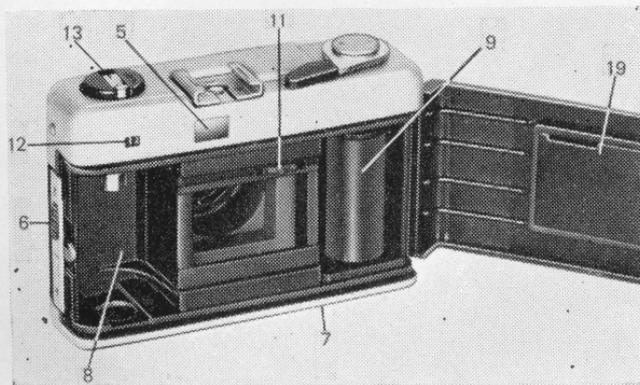


BEIRETTE IV

Camera features

1. Shutter speed dial (speeds of 1/30, 1/60, 1/125 and brief time).
2. Shutter release.
3. Lens aperture control with weather symbols.
4. Focus setting mark.
5. Viewfinder eyepiece.
6. Camera back release.
7. Film re-wind button (at base of camera— not visible on photograph).
8. Film cassette chamber.
9. Take-up spool.
10. Lever wind.
11. Sprocket wheel.
12. Self zeroing exposure counter.
13. Re-wind handle.
14. Depth of field scale.
15. Flash lead contact.
16. Accessory shoe/'hot-shoe' flash contact.
17. Socket for cable release.
18. Camera lens.
19. Camera back including pressure plate.
20. Viewfinder.

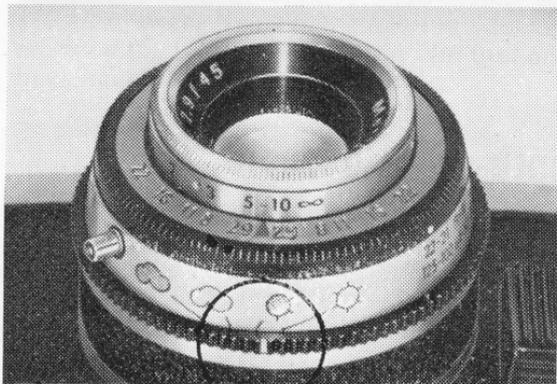
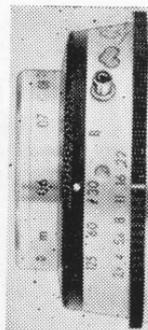
For easy reference each of the above features are continued in the same numbered sequence throughout the booklet.



Shutter speeds

The speeds are shown in fractions of seconds 1/30, 1/60, 1/125 and B. At 'B' the shutter will open fully until released.

To select the correct shutter speed, line the white mark on the control ring (1) against the ASA/DIN rating of the film in use. This rating is stated on all film cartons. If the speed of the film is not indicated, then select the one nearest to it.



Aperture control

There are four symbols which represent the following:



Bright sun



Hazy sun



Cloudy/Bright

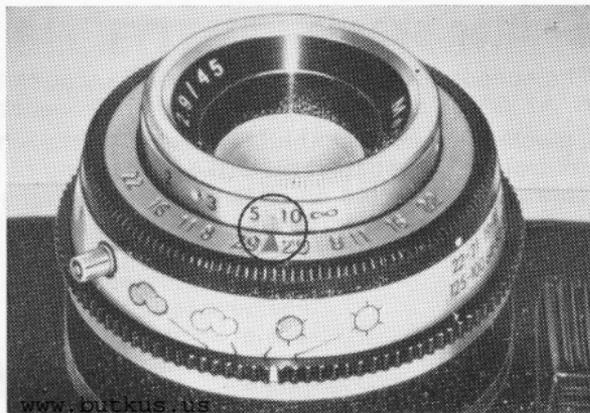


Cloudy/Dull

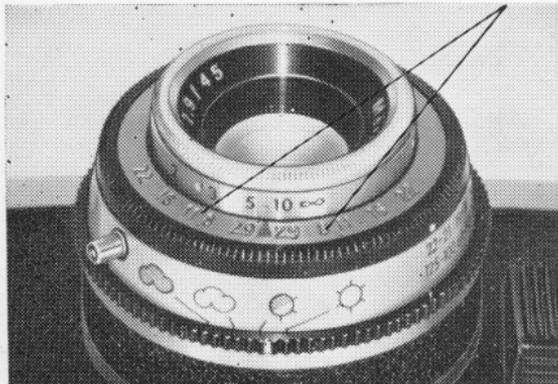
Set the aperture control ring (3) against the symbol on the lens mount which is nearest the prevailing weather conditions.

Focusing

Measure or estimate the distance in feet between the camera and subject and rotate the lens until the appropriate distance is set against the small arrow on the lens mount (4).



Depth of field

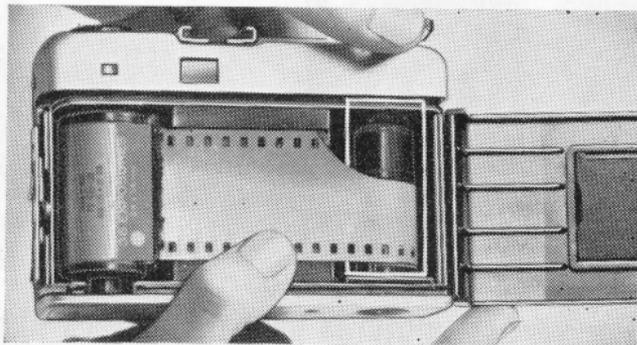
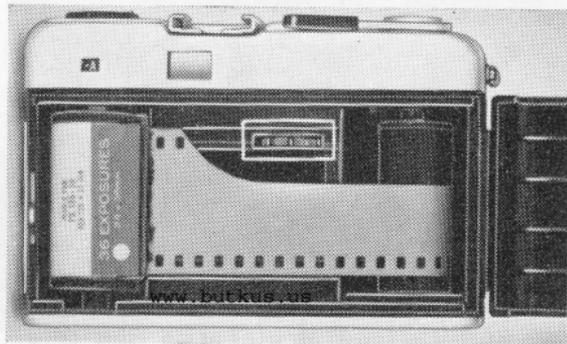


The depth-of-field scale

The depth-of-field scale will be found on the lens barrel. When the camera is focused on the subject, look for the aperture in use on either side of the scale to determine the depth-of-field. Simply, this is the area in which all objects are sharp.

Loading the camera

Push the catch downwards (6), fully open the back and pull out the re-wind handle (13). Insert the cassette of unexposed film into the film chamber (8). Push in the re-wind arm until it snaps into place holding the cassette in position, then pull out about 4 inches of film (the darkest side of the film should be upwards) and make a crease about $\frac{1}{2}$ in. from the end of the leader. This is the tapered portion of the film. Slot the $\frac{1}{2}$ in. of film into the take-up spool (9) and wind on with the lever wind (10); the film perforations should engage snugly into the sprocket wheel (11). Then close the back and advance the lever twice to clear film that might have been exposed during loading.





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The camera is now ready for use

The exposure counter (12) will count upwards as the film is advanced and automatically revert to zero when the re-wind handle is pulled out.

'Getting to grips'

The illustrations show two methods of holding the camera. Bring the camera up to eye level; it is important to hold it absolutely still at the time of taking the picture. Your eye should be as close to the viewfinder eyepiece (5) as possible.

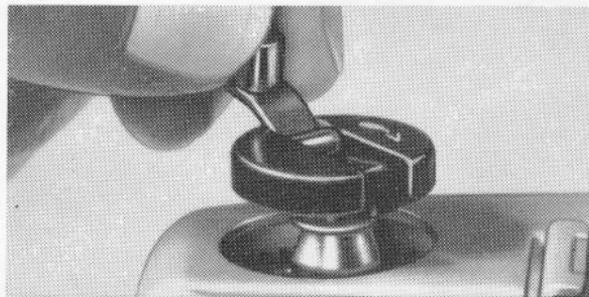
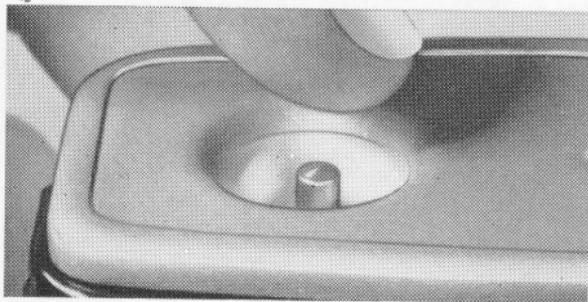
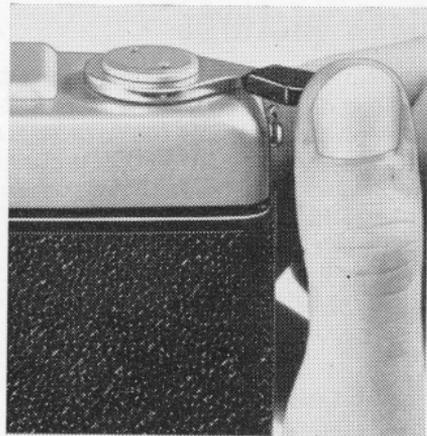


For vertical pictures hold the camera like this, and horizontal pictures like this

Winding on

After the first picture advance the film by pushing the lever wind (10); this movement will also cock the shutter. It will not harm the shutter if the camera is put away with it set. The **BEIRETTE** camera is designed not to take two pictures on one (double exposure) or to miss an exposure by winding on too far.

After the final exposure the film is re-wound into the film cassette. The camera back must not be opened at this stage. The winding back is done by depressing the release button (at the bottom of the camera) and winding the re-wind handle (13) in a clockwise direction, following the arrow, until all the film has been wound from the take-up chamber into the cassette. Remove the cassette of film and it is now ready for processing. It is advisable, especially with colour emulsions, to have the film processed immediately.



Flash pictures

The BEIRETTE will accommodate both electronic and bulb guns. There are two flash contacts, one within the accessory shoe, the 'hot-shoe' contact (16), the other on the lens mount (15). Flash photography is really great fun **and** incidentally can be used successfully out of doors. The flash instruction leaflet will answer any technical problems. Boots are the experts with a comprehensive range of inexpensive guns.

The BEIRETTE has an X synchronised shutter, so always set the shutter to 1/30th sec. when using flashbulbs. The lens aperture (3) is determined by a Guide Number specified for the film in use, which will be found printed on the flashbulb packet or film instruction leaflet. Always go by the following rule:

Guide Number \div Distance (in feet) = Lens Aperture (3).

EXAMPLE

Using Kodachrome II (speed 25 ASA) with PF1B flashbulbs, Guide Number is 65.

At a distance of 12 ft. the aperture will be:

$$\frac{\text{Guide Number } 65}{12 \text{ ft.}} = \text{aperture } f5.6$$



The bright frame viewfinder

When the subject is closer than 8 feet from the camera, anything above the lower white guide line at the top of the viewfinder will be omitted from the photograph. The above illustration explains this point clearly.

Our range of gadgets is almost endless, so why not come in and browse around, perhaps the most important accessory is the Ever Ready case to give added camera protection. Our photographic staff will always be willing to help and to try and offer any advice you may require.



Exposure table

EXPOSURE TABLE for Black-and-White and Colour Films									
Film speed (ASA)		25 - 32		50 - 64		100 - 125		160 - 200	
Weather	Subject	Sec.	f/no.	Sec.	f/no.	Sec.	f/no.	Sec.	f/no.
 Bright Sun	Distant views; sea, mountains, snow	1/60	16	1/125	16	1/125	22	1/125	22
	People outdoors; general views	1/60	11	1/125	11	1/125	16	1/125	22
	Subjects in shade; shots against the light	1/60	8	1/125	8	1/125	11	1/125	16
 Hazy Sun	Distant views; sea, mountains, snow	1/60	11	1/125	11	1/125	16	1/125	16
	People outdoors; general views	1/60	8	1/125	8	1/125	11	1/125	11
	Subjects in shade; shots against the light	1/60	5-6	1/125	5-6	1/125	8	1/125	11
 Cldy. Bright	Distant views; sea, mountains, snow	1/60	8	1/125	8	1/125	11	1/125	16
	People outdoors; general views	1/60	5-6	1/125	5-6	1/125	8	1/125	11
	Subjects in shade; shots against the light	1/60	4	1/125	4	1/125	5-6	1/125	8
 Cloudy Dull	Distant views; sea, mountains, snow	1/60	4	1/125	5-6	1/125	8	1/125	11
	People outdoors; general views	1/60	4	1/125	4	1/125	5-6	1/125	8
	Subjects in shade; shots against the light	1/60	2-9	1/125	2-9	1/125	4	1/125	5-6

This table is only intended as a guide. For greater accuracy the use of an exposure meter is recommended.



Film service

For a fast, efficient and handy processing service, take your exposed print films along to Boots and add that professional touch—Boots care about your pictures so don't risk being disappointed. But that's not all. Boots offer many more facilities including reprints, enlargements and prints from transparencies as well as having a wealth of expert photographic knowledge behind the counter—if you need advice, don't be afraid to ask.