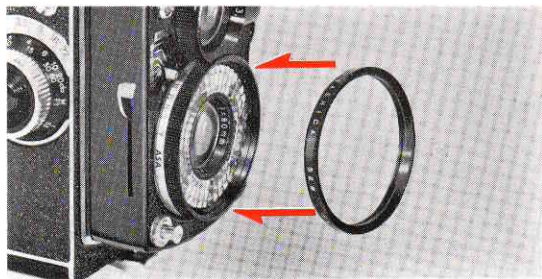


## SPECIAL LIGHTING CONDITIONS

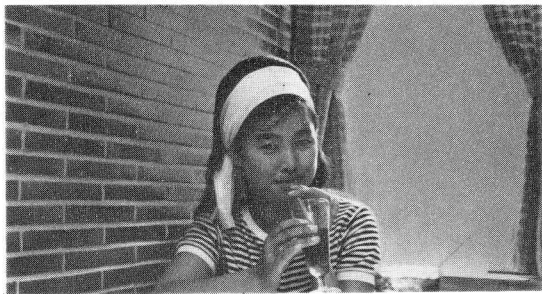


### Filter Compensation:

In taking pictures with fast film in brilliant sunshine, and probably at bright levels such as beach and snow scenes, the Warning Indicator may show overexposure. In such cases, you can use filters as indicated in the preceding section, to bring the light level down to a proper value.

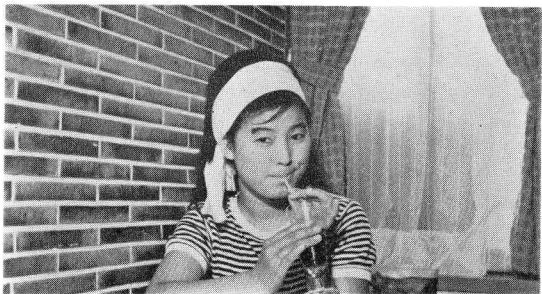


You can also use filters to bring out the clouds by darkening the sky and for other effects in black & white photography. You may wish to use filters for correction of color value in shooting with color film. In all cases, however, since the filter covers the electric eye as well as the lens, there is automatic compensation in exposure, and you should not make any changes in ASA setting. The filter size is 52mm screw-in. Your dealer will be happy to help you with specific filter information, to help you make better use of your camera.





### **Backlighting:**

You can recognize a backlit scene by the shadows slanting in the direction of the camera. Under certain conditions such a photograph can be extremely interesting—the underexposed “silhouette” effect of a person watching a sunset for instance. Such photos should be taken in the usual way.



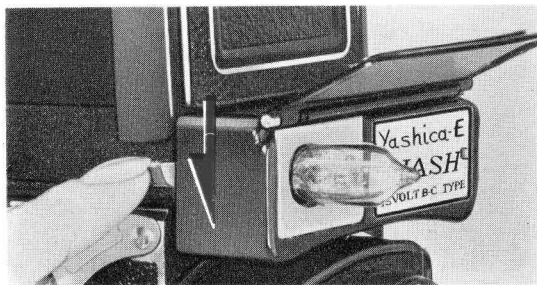
However, should you wish to make certain the foreground subject is properly exposed, you can simply move the Film Speed Setting to half its normal value. This will open the diaphragm of the lens for greater exposure. But remember to reset to the proper film speed when you have finished.

## HOW TO USE THE BUILT-IN FLASH

f / NUMBER									
 (B & W)		3.5	5.6	8	11	16	22		
 (COLOR)		4	5.6	8	11	16	22		
ASA	DIN	FEET							
135	16	9	8	6	4	3.3			
160	20	12	10	8	5.5	4.5			
200	24	13	11	9	6	4.5			
250	28	15	13	10	7	5.5			
320	36	18	15	11	8	6			
400	48	22	18	13	9	7			
500	60	27	22	16	11	8			
640	80	33	27	19	13	10			
800	100	40	33	23	16	12			
1000	125	50	40	28	20	15			
1250	160	60	48	33	24	18			
1600	200	75	60	40	30	22			
2000	250	90	72	48	36	27			
2500	320	110	88	58	44	33			
3200	400	135	108	70	54	40			
4000	500	165	132	84	66	50			
5000	640	200	160	104	80	60			
6400	800	250	200	130	100	75			
8000	1000	300	240	156	120	90			
10000	1250	360	288	187	144	108			
12500	1600	450	360	233	180	135			
16000	2000	550	440	280	220	165			
20000	2500	670	528	340	264	200			
25000	3200	820	648	416	320	240			
32000	4000	1000	792	504	396	288			
40000	5000	1250	990	625	480	360			
50000	6400	1560	1248	781	600	450			
64000	8000	1950	1555	979	750	560			
80000	10000	2440	1968	1239	960	720			
100000	12500	3000	2460	1512	1170	880			
125000	16000	3680	2976	1824	1408	1056			
160000	20000	4570	3714	2251	1744	1312			
200000	25000	5680	4644	2800	2176	1632			
250000	32000	7000	5760	3472	2704	2016			
320000	40000	8750	7200	4375	3360	2520			
400000	50000	10600	8640	5376	4128	3072			
500000	64000	13300	10752	6720	5120	3840			
640000	80000	16700	13440	8544	6400	4800			
800000	100000	21000	17280	10944	8256	6144			
1000000	125000	26400	21360	13824	10560	7872			
1250000	160000	33600	27264	17568	13440	10080			
1600000	200000	42500	34560	22080	17184	12864			
2000000	250000	53600	43200	27552	21504	16128			
2500000	320000	67000	54000	34400	26880	20160			
3200000	400000	84500	68400	43680	33984	25536			
4000000	500000	106000	86400	55680	42624	32064			
5000000	640000	133000	107520	69120	52992	39936			
6400000	800000	167000	134400	85440	65984	49632			
8000000	1000000	210000	172800	109440	84992	63456			
10000000	1250000	264000	213600	138240	107008	80064			
12500000	1600000	336000	272640	175680	136960	102912			
16000000	2000000	425000	345600	220800	173696	130848			
20000000	2500000	536000	432000	275520	216704	163776			
25000000	3200000	670000	540000	344000	269760	202368			
32000000	4000000	845000	684000	436800	339904	255648			
40000000	5000000	1060000	864000	556800	426304	320832			
50000000	6400000	1330000	1075200	691200	529952	399456			
64000000	8000000	1670000	1344000	854400	659904	496608			
80000000	10000000	2100000	1728000	1094400	849952	634752			
100000000	12500000	2640000	2136000	1382400	1070000	800896			
125000000	16000000	3360000	2726400	1756800	1369792	1029240			
160000000	20000000	4250000	3456000	2208000	1737088	1308576			
200000000	25000000	5360000	4320000	2755200	2167384	1637920			
250000000	32000000	6700000	5400000	3440000	2697680	2023904			
320000000	40000000	8450000	6840000	4368000	3399184	2556672			
400000000	50000000	10600000	8640000	5568000	4263480	3208896			
500000000	64000000	13300000	10752000	6912000	5299776	3994944			
640000000	80000000	16700000	13440000	8544000	6599280	4966176			
800000000	100000000	21000000	17280000	10944000	8499776	6347440			
1000000000	125000000	26400000	21360000	13824000	10700272	8008704			
1250000000	160000000	33600000	27264000	17568000	13698272	10291920			
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2000000000	250000000	53600000	43200000	27552000	21674192	16379984			
2500000000	320000000	67000000	54000000	34400000	26977152	20240000			
3200000000	400000000	84500000	68400000	43680000	33992112	25567008			
4000000000	500000000	106000000	86400000	55680000	42635072	32089024			
5000000000	640000000	133000000	107520000	69120000	52998032	39950040			
6400000000	800000000	167000000	134400000	85440000	65993088	49662240			
8000000000	1000000000	210000000	172800000	109440000	84998032	63474880			
10000000000	1250000000	264000000	213600000	138240000	10700332	8008960			
12500000000	1600000000	336000000	272640000	175680000	13698332	10292000			
16000000000	2000000000	425000000	345600000	220800000	17371292	13086000			
20000000000	2500000000	536000000	432000000	275520000	21674252	16379984			
25000000000	3200000000	670000000	540000000	344000000	26977212	20240000			
32000000000	4000000000	845000000	684000000	436800000	33992172	25567008			
40000000000	5000000000	1060000000	864000000	556800000	42635132	32089024			
50000000000	6400000000	1330000000	1075200000	691200000	52998092	39950040			
64000000000	8000000000	1670000000	1344000000	854400000	65993148	49662240			
80000000000	10000000000	2100000000	1728000000	1094400000	84998092	63474880			
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4000000000000	500000000000	106000000000	86400000000	55680000000	42635252	32089024			
5000000000000	640000000000	133000000000	107520000000	69120000000	52998212	39950040			
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16000000000000	2000000000000	425000000000	345600000000	220800000000	17371472	13086000			
20000000000000	2500000000000	536000000000	432000000000	275520000000	21674432	16379984			
25000000000000	3200000000000	670000000000	540000000000	344000000000	26977392	20240000			
32000000000000	4000000000000	845000000000	684000000000	436800000000	33992352	25567008			
40000000000000	5000000000000	1060000000000	864000000000	556800000000	42635312	32089024			
50000000000000	6400000000000	1330000000000	1075200000000	691200000000	52998272	39950040			
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80000000000000	10000000000000	2100000000000	1728000000000	1094400000000	84998272	63474880			
100000000000000	12500000000000	2640000000000	2136000000000	1382400000000	10700572	8008960			
125000000000000	16000000000000	3360000000000	2726400000						

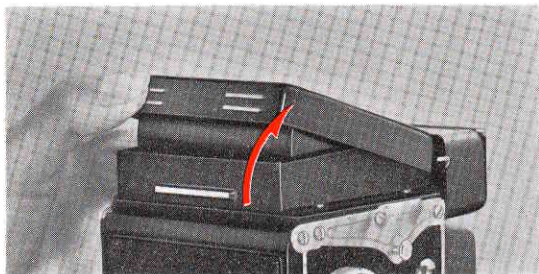


Press the Flash Cover Release Button and the cover will snap open. Push a new AG-1 bulb into the socket. You are now ready to shoot.

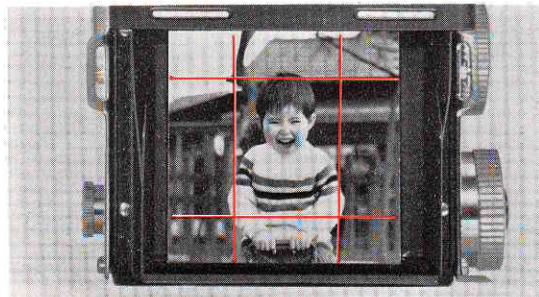


When you have taken the picture, you can eject the used bulb by tilting the camera away from you and pushing down the Flash Bulb Ejector. Careful, it may be hot!

## VIEWING THE SUBJECT

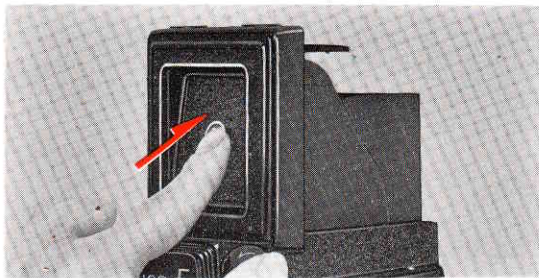


The Focusing Hood opens smoothly when you lift it with your forefinger at the back. It closes just as easily when you press it down from the front.



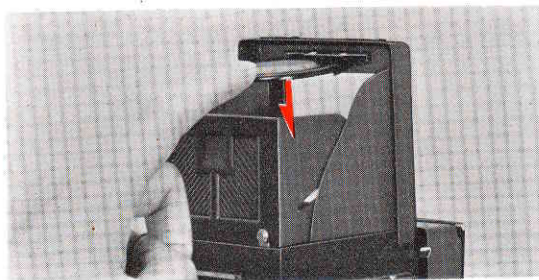
### **Focusing Screen:**

The focusing screen is a fresnel lens, which serves to give you overall brightness from corner to corner. If you look closely, you can see the concentric lines which form the lens. It is not easy to focus on a fresnel lens, however, so a clear ground glass spot in the center of the screen is provided for accurate focusing.



### **Composition:**

Use the red lines ruled on the screen to help you judge composition and proportion. Compose your picture on the screen exactly as you would wish to see it on the print.

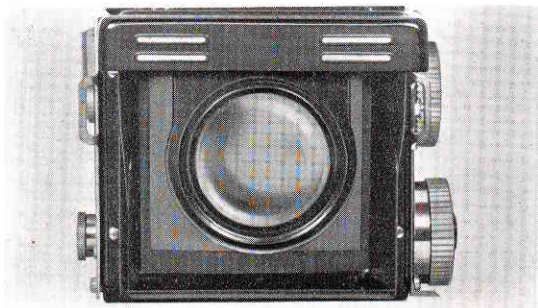


### **Magnifying Glass:**

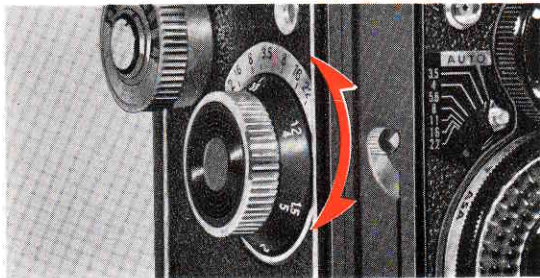
Raise the magnifying glass by pressing in the front of the Focusing Hood, holding the Hood so that it does not close. When using the magnifying glass, place your eye as close to it as possible. Always make sure you have snapped the magnifying glass down before closing the Focusing Hood.



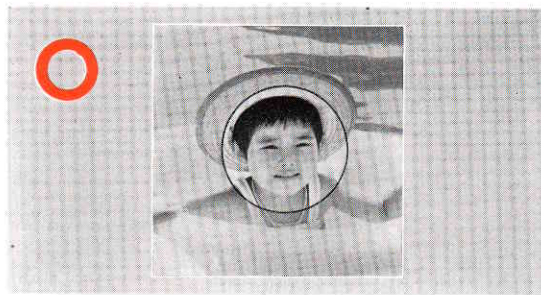
## FOCUSING



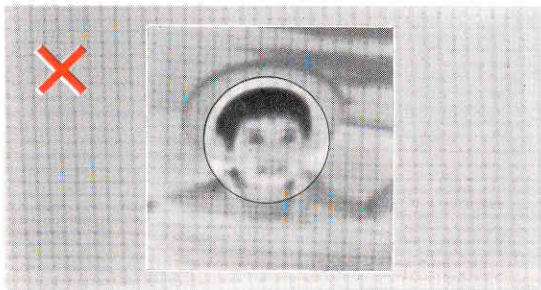
With your eye close to the magnifying lens, move the camera until the ground glass spot in the center of the screen is over the principal area of interest in your picture.



Rotate the Focusing Knob until you get the sharpest possible image in the ground glass spot. You may find it easier to rotate it back and forth just a fraction of a turn when you feel you are in focus, to make sure you have the sharpest possible image.



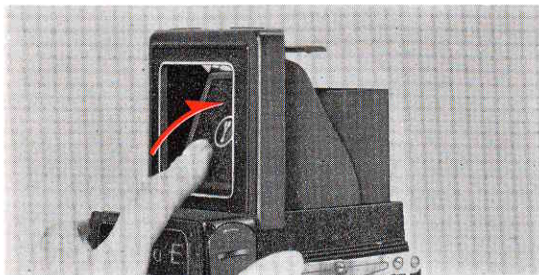
The photo at left shows a properly focused scene.



When the subject is out of focus, it will appear blurred, as at the left. If you find you cannot get the subject into focus after rotating the focusing knob from one extreme to the other, it means your subject is too close to you. A set of Yashica close-up lenses will permit you to photograph from distances as close as 14 inches.

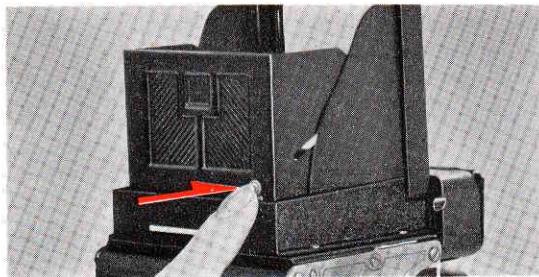


## SPORTSFINDER



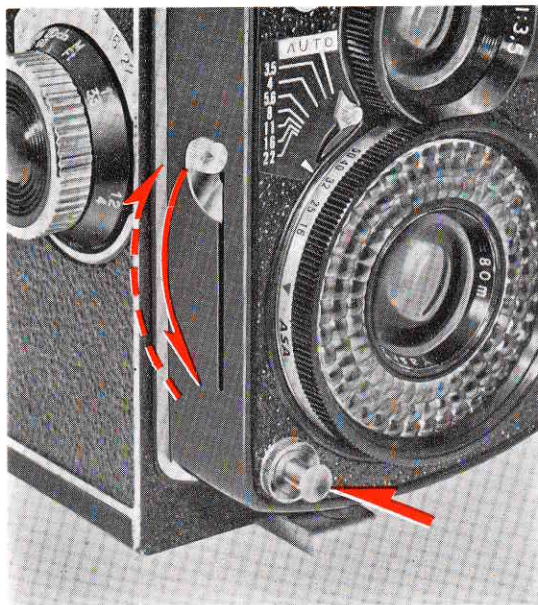
The sportsfinder will permit you to take fast photographs of prefocused subjects, just as news photographers do. With one finger holding the top of the Focusing Hood, press in on the center of the hood with your thumb until the magnifying glass pops up. Then continue pressing down until the center section clicks into lock position at the back of the hood.

Lift the camera to eye level and view with your eye close to the Sportsfinder Window.



To release the sportsfinder, press the Focusing Hood Release Button in the back of the hood.

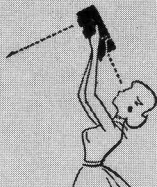
## SHUTTER RELEASE



Just before you plan to take the picture, cock the shutter by depressing the Shutter Cocking Lever as far as it will go. When you are ready to take the picture, press the Shutter Release button very smoothly. Do not push it hard, or you may move the camera and blur the picture.

Speed of the shutter is a constant 1/60 th second.

## HOW TO HOLD THE CAMERA



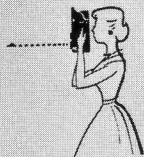
When fences or other obstructions are in your way you can hold your camera overhead, focusing and viewing from below.



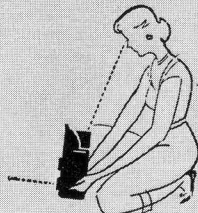
Steady the camera on your knee when taking pictures from a lower level.



Hold the camera steady, then gently push the shutter release button.

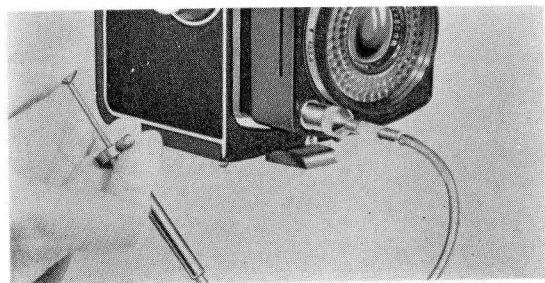
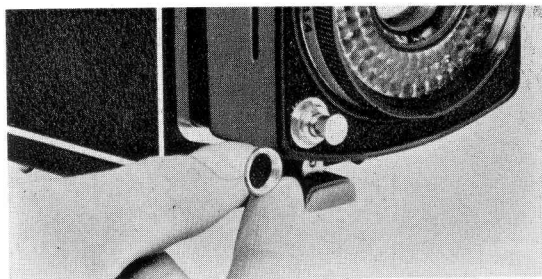


Use the Sportsfinder for taking pictures at eye level.



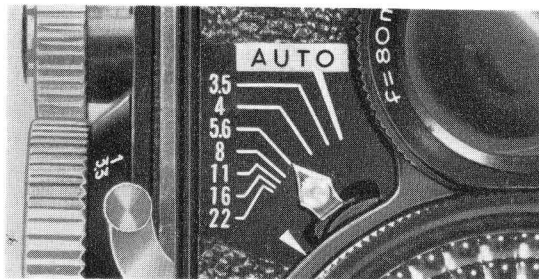
For low objects rest the camera on the ground.

## CABLE RELEASE

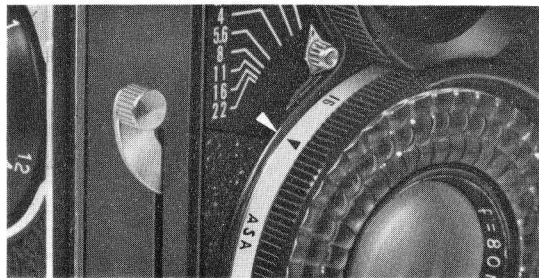


A standard, overlap-type Cable Release can be fitted to your camera. Simply unscrew the Shutter Release Ring and screw in the Cable Release. Your camera dealer will supply the proper Cable Release for the Yashica E.

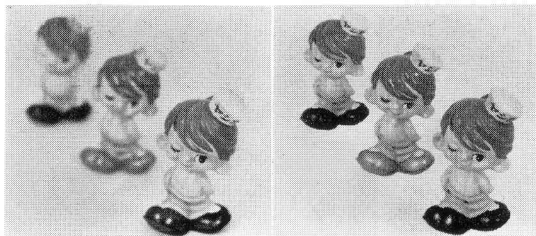
## MANUAL EXPOSURE SETTINGS



When you wish to deactivate the automatic electric eye and set the lens manually, you must first set the lens opening desired by moving the Manual Control Lever to the number desired.

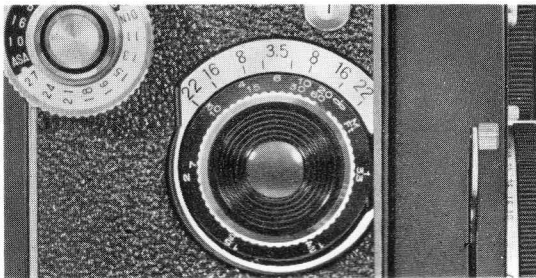


Set the red triangle on the ASA Film Speed Control Ring in line with the red triangle on the manual control plate.



## DEPTH-OF-FIELD

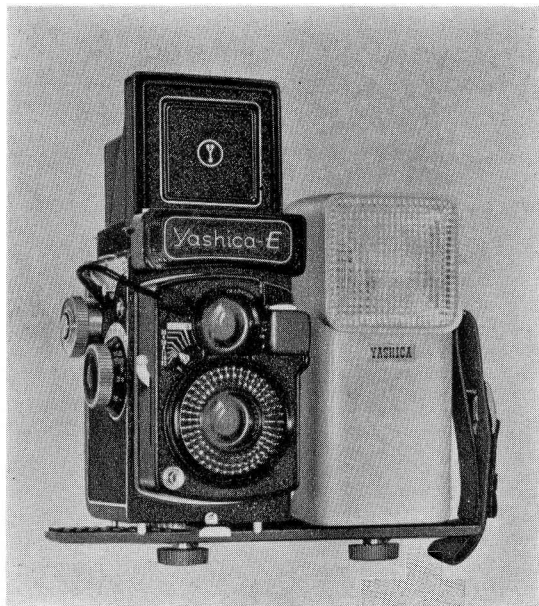
There is a certain distance in front of and behind the subject on which you focus in which other objects will appear sharp. This area is called "depth-of-field," and its distance varies with the lens opening. The smaller the lens opening, the wider the depth-of-field. For instance, at the smallest lens opening,  $f/22$ , the depth-of-field will be much larger than at the largest opening,  $f/3.5$ .



There is a depth-of-field scale engraved on the body of the camera around the Focusing Knob. The numbers conform to the lens openings, and run from  $f/3.5$  in the center to  $f/22$  at the left and right. You can tell the approximate depth-of-field at any lens opening simply by gauging the distance it marks on the distance scale on the knob. For instance, if you are focused at an object 15 feet away (15 will be directly under  $f/3.5$ ), you can see that if your lens opening happens to be  $f/8$ , the  $f/8$  marks will cover the area between about 12 feet to 25 feet. Therefore, all within that range should be acceptably sharp.



## EXTERNAL FLASH

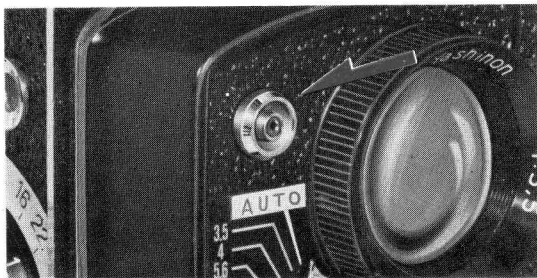


Once the camera has been set for manual control it is possible to use a separate flash unit.

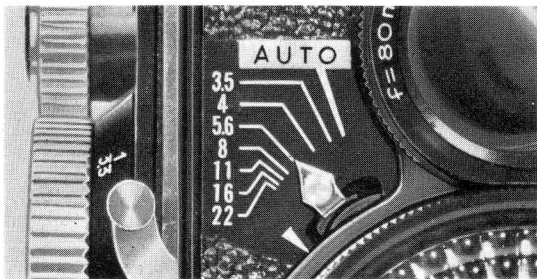
Synchronization for flash is built-in.

The electronic flash unit slips into the Accessory Shoe or attaches to the camera with a bracket that screws into the tripod socket.

Insert the electronic flash unit's synchro cord into the flash terminal on the front of the camera body.



B-C flash units are used in the same manner, with short peak (SM) bulbs.



When you use the external B-C or electronic flash, the camera must be set for manual control. Exposure settings for those external flash units are determined according to instructions accompanying them.