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YASHICA

minister D

INSTRUCTION BOOKLET

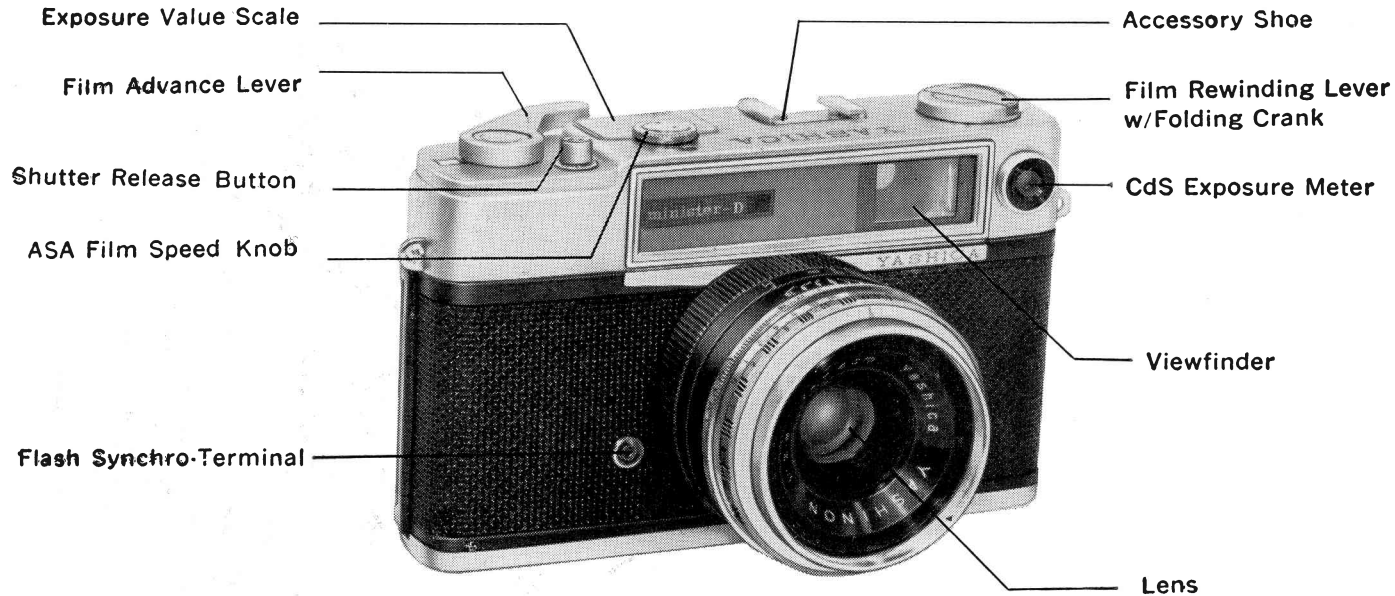
Folleto de instrucciones

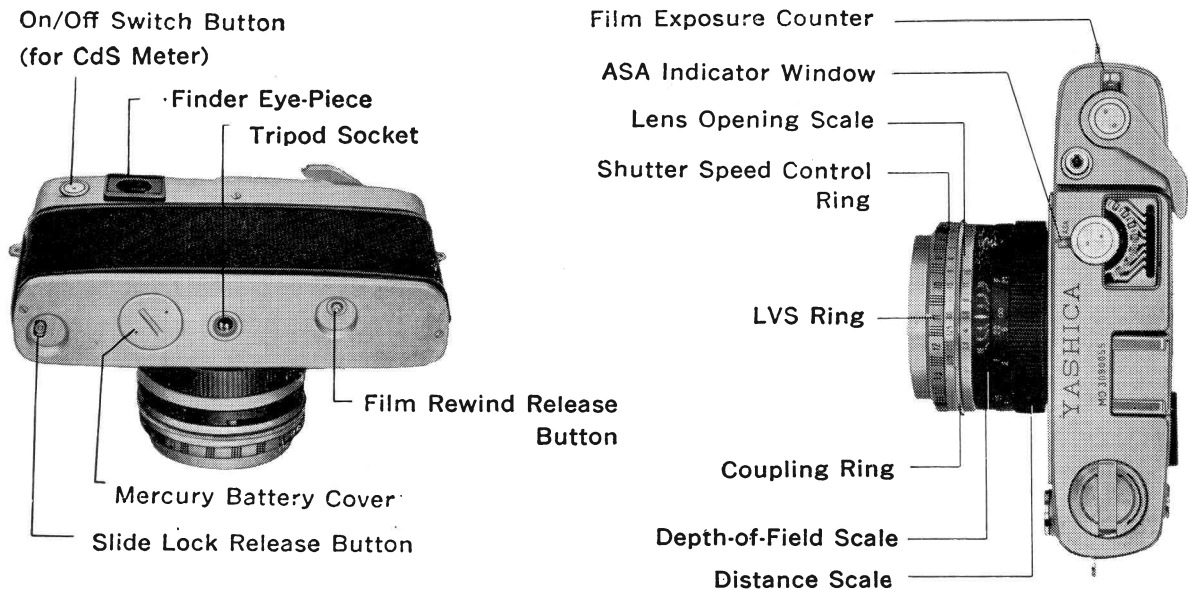
MODE D' EMPLOI

Gebrauchsanweisung

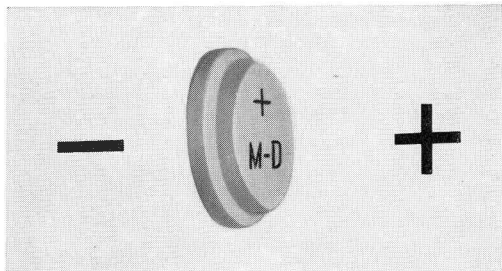


DESCRIPTION OF YASHICA MINISTER-D

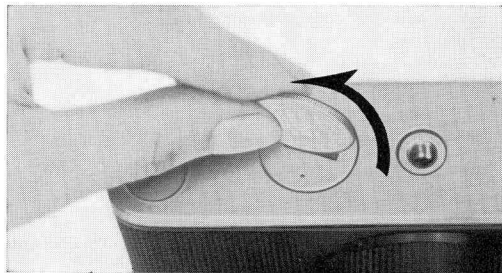




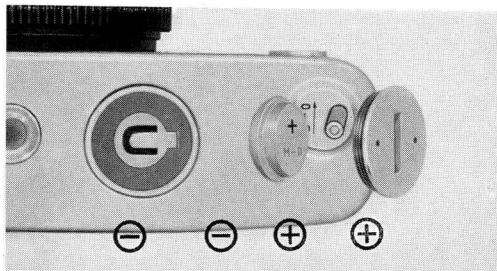
ON/OFF SWITCH FOR CdS EXPOSURE METER



Your YASHICA Minister-D incorporates a 1.3 volt long-life mercury battery (Mallory PX-13 B or General No. 625 or equivalent) that supplies power to the super-sensitive CdS exposure meter.



Unlike regular type of batteries, it provides full power throughout its life and need not be replaced until it gets old. To replace it, unscrew the cover, by turning the cover with a coin in the direction of arrow.

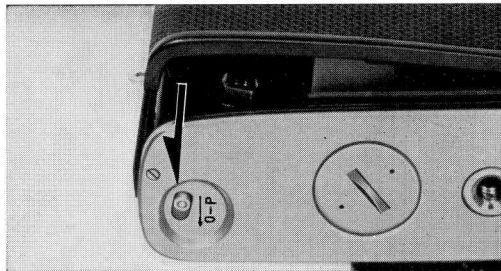


Place the battery in the compartment being careful to observe polarity marking. +(plus) marking on the battery should face out toward the battery compartment cover, and -(minus) toward camera top.

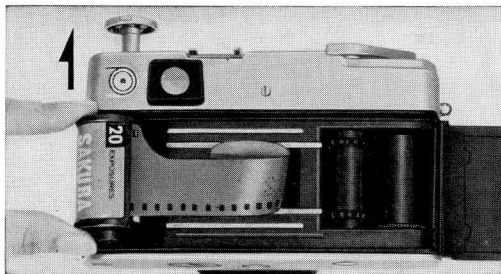
CAUTION:

Do not leave finger prints on the mercury battery as these cause it to rust or corrode. Wipe with a soft cloth and keep battery clean. Do not disassemble the mercury battery. Do not throw any used mercury battery into a fire or where children can get hold of it. Remove mercury battery when camera is not in use for a long period of time, store it in a cool, dry and safe place.

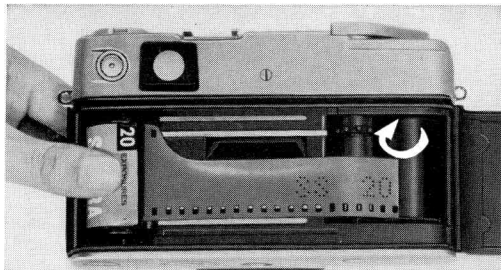
LOADING FILM (1)



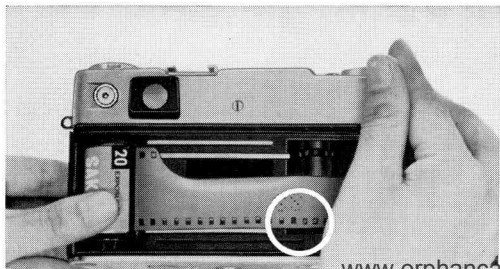
To unlock the back cover, slide the Slide Lock Release Button in the direction of arrow (to the marking "O") pressing it, and the hinged cover will swing open.



Pull out the Film Rewinding Knob, and insert a new roll of film in the film chamber.

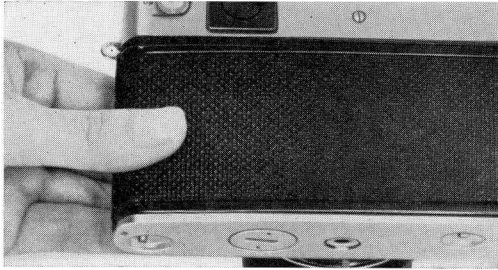


Gently draw out the film leader from the cassette, and thread the leader into the slot of the take-up spool. The spool rotates in the direction of arrow as shown in the photo.

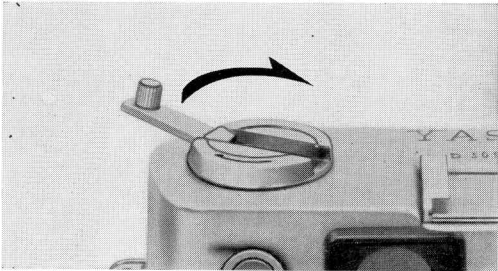


Advance the film with one stroke of the Advance Lever, and make sure the film perforations properly threaded on the sprocket teeth.

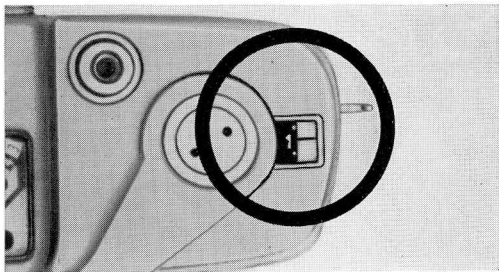
LOADING FILM (2)



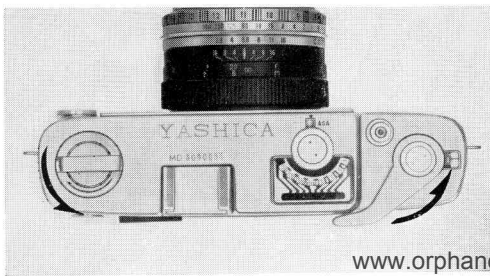
Close the back cover by pressing it with your fingers until it locks into position.



Flip up the film rewind crank handle to the horizontal position and gently wind in the direction of arrow (marked on the knob) until you feel a slight resistance and replace the handle.



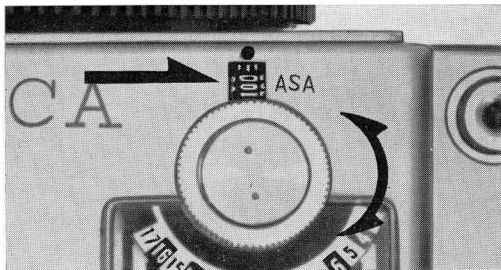
Repeat operation of advancing the film until the figure "1" is opposite the red line.



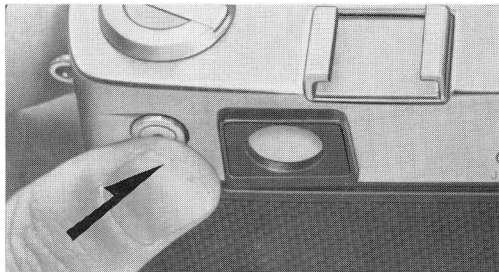
When cocking the advance lever, be sure to observe the rewinding knob turning in the same direction simultaneously.

If it does not, the film leader has slipped from the take-up spool. You must then open the back cover and rethread film.

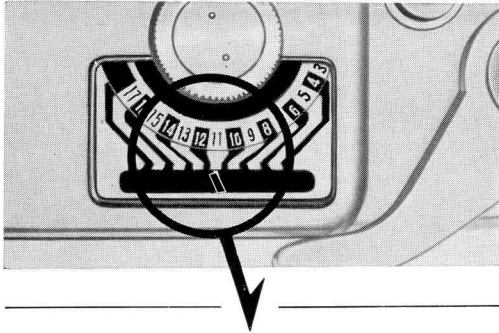
FOR CORRECT EXPOSURE



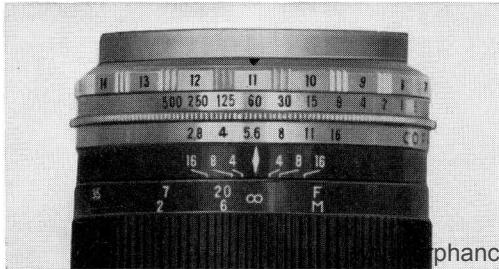
1. Turn the ASA Film Speed Setting Knob to align the ASA number of the film with the red dot.



2. To energize CdS meter, press the On/Off Switch Button. Keep on pressing it while taking exposure reading.



3. Aim the camera at the subject, and the red indicator needle will swing and show the proper Light Value figure.



4. Read the LV figure, and turn the LVS Ring (the outer most ring) until the value number on the scale is opposite the red triangle mark.

Thus, the correct lens aperture and shutter speed have now been set automatically and accurately.



ASA FILM SPEED SCALE:

The diagram below shows what graduations between specific numbers stand for.

ASA FILM SPEED SCALE:

The diagram below shows each graduation between specific numbers meaning ASA number printed on the bottom line, which are 12, 16, 20, 32, 40, 64, 80, 125, 160, 250 and 320 respectively.

A	10				25				50				100				200				400
S																					
A		12	16	20		32	40		64	80		125	160		250	320					



TIPS ON USE OF METER

When taking backlighting subjects, it is recommended to use a lens hood. Scenic views are properly measured for exposure by pointing the exposure meter downward to measure the light reflected from the main point of interest.

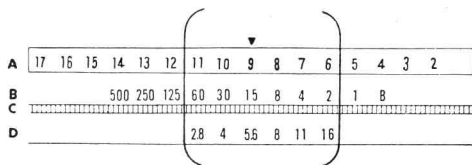


Even if subject is indoors and bright or strong light coming through the windows is backlighting the subject, no adjustment is necessary as the exposure meter is built to compensate for such extremes in lighting.



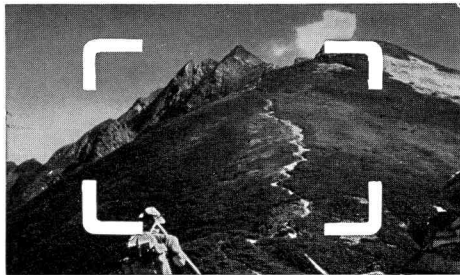
Selection of Required Lens Opening and Shutter Speed

Even after the basic exposure value has been set, and if smaller apertures or higher shutter speeds are desired, the required aperture opening or shutter speed can be set by turning the Cross Coupling Ring, and set it to the red triangular mark.

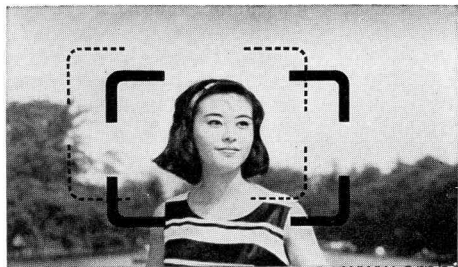


For example, as shown left, assuming the LVS reading from the meter is 9, and when the figure 9 is set opposite the red triangle, the basic exposure will be $f/5.6$ with $1/15$ sec. shutter speed. In the above-mentioned way, the correct exposure settings in various combinations, within a zone partitioned by lines, will be made in relation to the basic exposure combination.

VIEWFINDER & PARALLAX CORRECTION

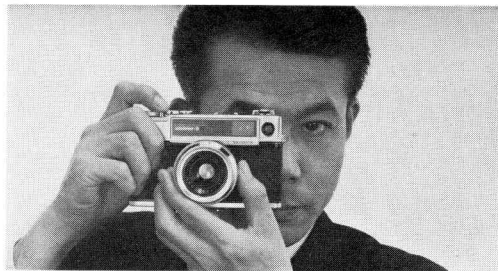


The single window combines the view/rangefinder, which enables you to quickly sight, focus and frame the picture you compose within the frames seen in the finder.

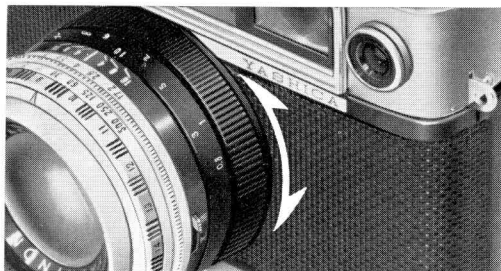


Parallax is corrected automatically in the YASHICA Minister-D. The camera, with a tilting prism, fully coupled to the rangefinder positively corrects for parallax.

SIGHTING & FOCUSING



The extra large viewing window features a bright line frame indicating clearly the field of the 45mm lens. When you compose your picture within this frame, you are assured of getting the same picture you are seeing through the finder.



To focus, sight the small rectangle appearing in the middle to the subject and turn the Focusing Ring until the two images overlap and form one clear image, and it is now in focus.



The left photo shows that the super-imposed image and actual one overlaps and forms a clear image, i, e., the camera is in true focus.

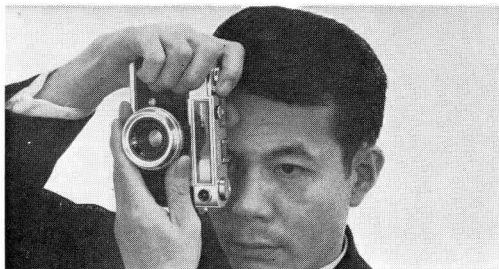


The left photo show the two images which are not overlapped and the camera is not yet in focus.

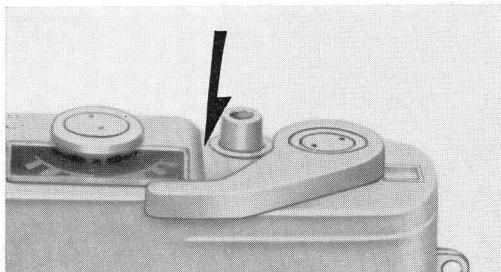
HOW TO HOLD YOUR CAMERA



It is very important to hold your camera correctly and steadily when taking pictures in order to obtain good results. Hold it to your face with your elbows held close to your waist, so that movement will be minimized. The left photo shows how to hold your camera in a horizontal position.

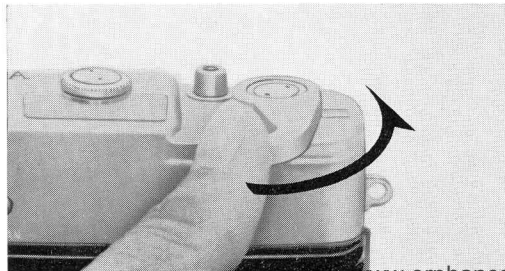


For vertical use of the camera hold it as shown in photo at left.



Push the Shutter Release Button:

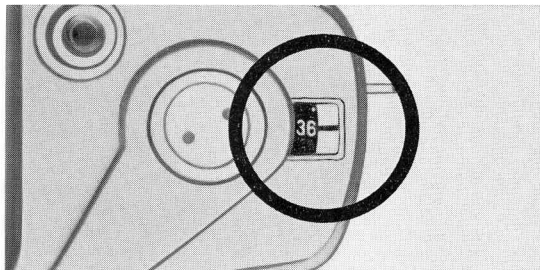
Push the shutter release button as gently as possible, otherwise, it may cause unexpected blurring.



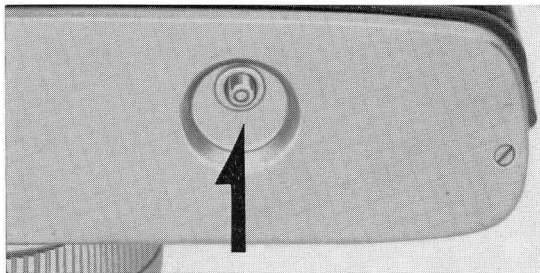
Film Advance Lever:

Move the film advance lever until it stops thereby bringing the next unexposed section of film into place and cocking the shutter.

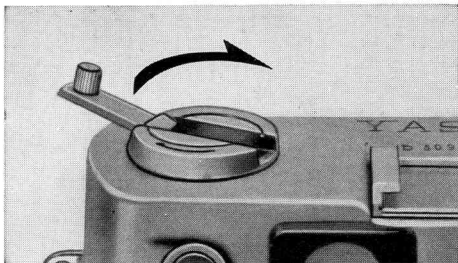
UNLOADING FILM



After taking a full roll of film (the exposure counter shows the figure 36 or 20), it is necessary to rewind the film into the cassette before removing the exposed film from the camera.

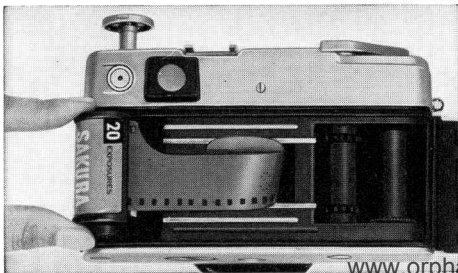


Press the Film Rewind Release Button which is located on the base of the camera. The button need not be kept depressed while the film is being rewound.



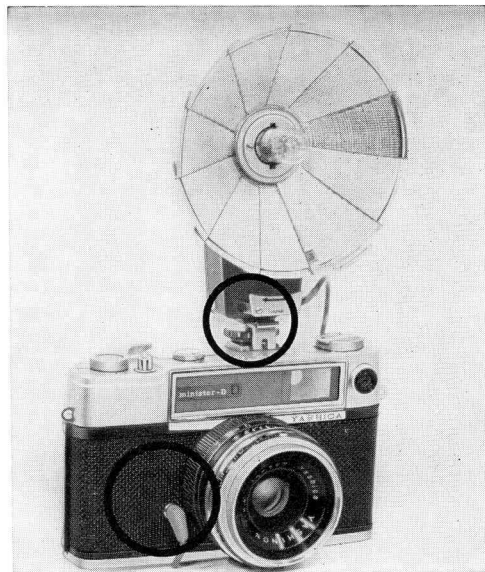
Flip up the film rewind crank handle to the horizontal position and wind in the direction of the arrow.

Toward the end of the film you will feel a slight resistance, but continue turning the rewind crank until the film pulls away from the slot on the Take-up Spool.



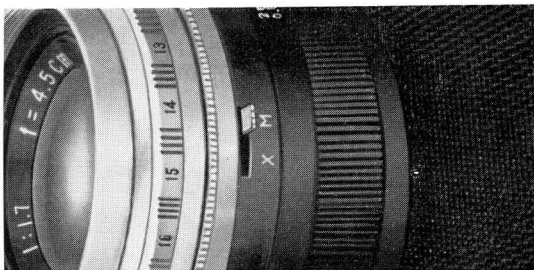
When the film is completely re-wound into the cassette, open the back cover. Pull up the rewind crank shaft and remove cassette.

TAKING FLASH PICTURES



Slip the proper flash unit into the Accessory Shoe or attach it to the camera with a bracket. Plug the flash cord into the synchro-terminal of the camera.

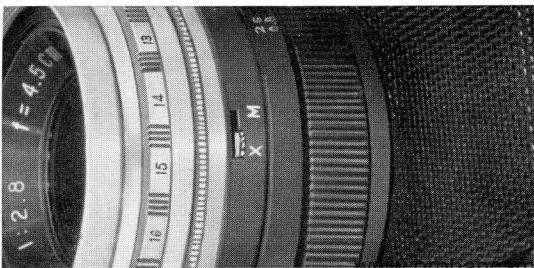
The exposure setting can be determined according to the guide number table packed with bulbs to be used.



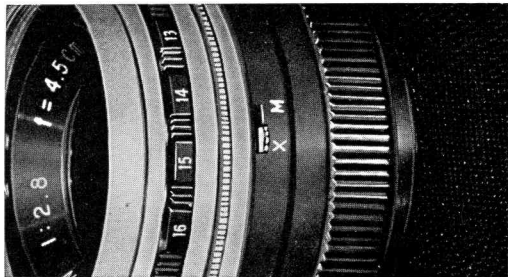
Move the MX Synchro Selector Lever to the "M" position, when using M-type bulbs.

Bulb used	Selector position	Shutter Speed
M type	M	any speed
F. type	X	1/60 or slower
Electronic	X	any speed

Move the selector lever to "X" position, when using F type bulbs or electronic flash.



SELF-TIMER

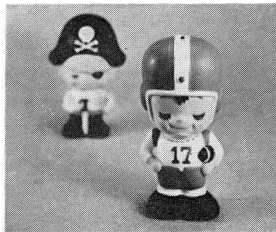


The synchro-selector lever must be moved to the "X" position when using the self-timer.

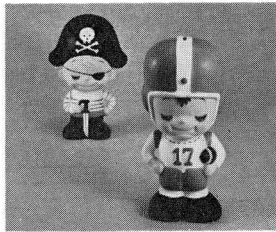


Set the speed and move the self-timer lever to the direction shown by the arrow. The self-timer runs about 8 seconds before the shutter snaps.

DEPTH-OF-FIELD

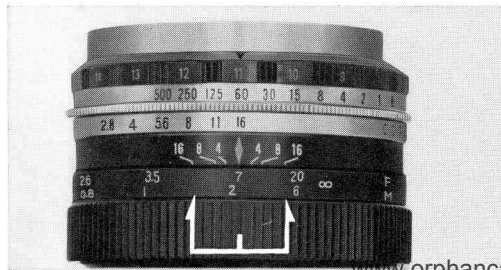


F 2.8



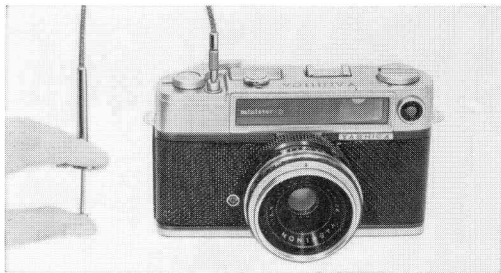
F 16

When you focus the camera on a subject there is a certain distance in front and back of the subject within which other objects will also appear sharp. This is known as the "Depth-of-Field", and it varies with the lens aperture. The smaller the aperture the greater the Depth-of-Field.



The Depth-of-Field Scale will be found on the lens barrel. When the camera is focused on your subject, look for the aperture you are using on either side of the scale to determine the Depth-of-Field. (area in which all objects are sharp).

CABLE RELEASE



A standard cable release can be fitted to your Yashica. Screw the Cable Release into the socket provided on the Shutter Release Button.

Your camera dealer will supply the proper cable release for your camera.

CABLE DISPARADOR

Puede Vd. acoplar un cable disparador tipo standard a su cámara Yashica. Atornille dicho cable en el disparador. Su proveedor le facilitará un cable adecuado para su cámara.

DECLENCHEUR A CABLE

Le Yashica peut être muni d'un déclencheur à câble standard qu'on visse dans l'écrou pratiqué sur le déclencheur de l'obturateur.

DRAHTAUSLÖSER

Der Draht oder Selbstauslöser wird in das Gewinde im Auslöser der Kamera geschraubt. Von Ihrem Fotohändler können Sie die passenden Auslöser erhalten.

DEPTH-OF-
FIELD TABLE

TABLA DE PROFUNDIDAD
DEL CAMPO

TABLE DE PROFONDEUR
DE CHAMP

TIEFENSCHÄRFE-
TABELLEN

(Metros) (Metres) (Meter)

Distance Aperture	0.8m	1 m	2 m	6 m	∞
F 2.8	0.77 0.83	0.96 1.04	1.85 2.18	4.80 7.99	20.6 ∞
F 4	0.76 0.84	0.94 1.06	1.79 2.27	4.43 9.31	14.4 ∞
F 5.6	0.75 0.86	0.92 1.09	1.72 2.40	4.01 12.0	10.3 ∞
F 8	0.73 0.88	0.89 1.13	1.62 2.62	3.51 20.8	7.21 ∞
F 11	0.71 0.92	0.86 1.19	1.51 2.97	3.03 ∞	5.24 ∞
F 16	0.67 0.99	0.81 1.31	1.36 3.80	2.48 ∞	3.61 ∞

Distancia
Abertura

Distance
Ouverture

(Pies) (Pieds) (Feet)

Distance Aperture	2.6f	3.5f	7 f	20f	∞
F 2.8	2.53 2.73	3.15 3.41	6.07 7.15	15.7 26.2	67.6 ∞
F 4	2.49 2.76	2.89 3.48	5.87 7.45	14.5 29.1	47.2 ∞
F 5.6	2.46 2.82	3.02 3.58	5.64 7.87	13.2 39.4	33.8 ∞
F 8	2.39 2.89	3.12 3.71	5.31 8.59	11.5 68.2	23.6 ∞
F 11	2.33 3.02	2.82 3.90	4.95 9.74	9.94 ∞	17.2 ∞
F 16	2.20 3.25	2.66 4.30	4.46 12.5	8.14 ∞	11.8 ∞