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YASHICA

16EE

INSTRUCTION BOOKLET





Use E-16 film prepared for exclusive use in the Yashica 16E. E-16 film is packaged in a cassette of 20 exposures. E-16 film is available both as monochrome film (ASA 80) and color film (ASA 100).



The negative picture of the 16EE is very small—10mm×14mm, but is very sharp and, whether in monochrome or in color, gives you perfect pleasure in photography. The 16EE has a built-in UV filter.

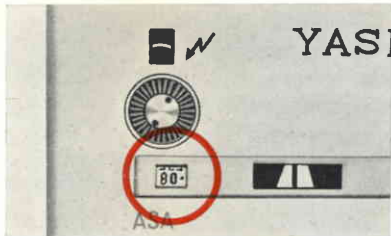


Enlarged

Original size
(10mm×14mm)



BASIC PROCEDURE TO BE REMEMBERED



The 16EE is an Electric Eye camera. Once you set the film speed dial to the ASA rating of the film to be used, the camera determines the proper exposure automatically.

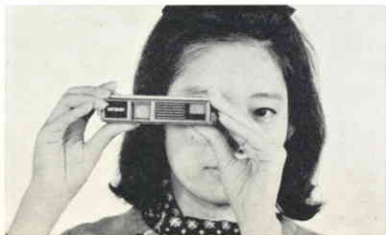


You need not worry about focusing. Because the 16EE has a fixed focus lens, you don't have to focus the camera, regardless of the distance to the subject.



Use the full scope of the viewfinder when you compose your picture.

The negative is very small. Therefore, plan the picture composition in the viewfinder very carefully before you press the shutter release button so that there will be no need of trimming afterward.



Movement of the camera at the moment of releasing the shutter blurs the picture.

For a midget camera like the 16-EE, movement of the hands holding the camera is most undesirable. Hold the camera properly with both hands, and press the shutter release button.

DESCRIPTION OF YASHICA 16EE

Exposure Warning
Indicator

Film Exposure
Counter

Shutter Release
Button

Lens

Film Speed
Indicator

Manual Dial

Auto-Manual
Indicator

Viewfinder

Light Intake
Window



Finder Eyepiece

Tripod Socket

Strap Holder

Film Advance

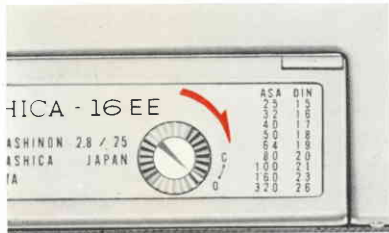
Flash Terminal



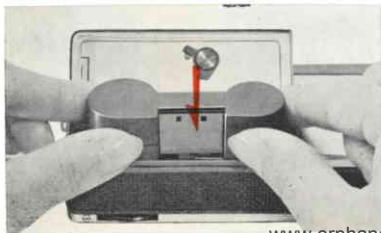
Back Latch Dial

Right-angle Viewfinder

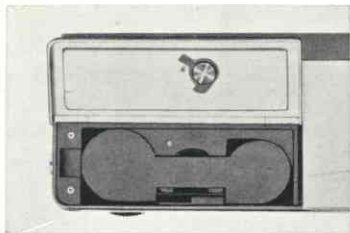
HOW TO LOAD THE FILM



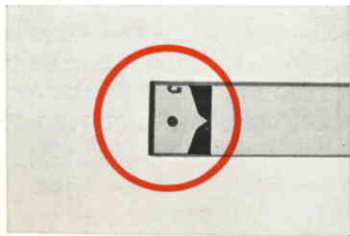
Set the arrow on the back latch dial to the O-position. Then the back-lid opens automatically. (At the same time, the film exposure counter returns to the S (start) position automatically.)



Put the E-16 film cassette in the cassette chamber.

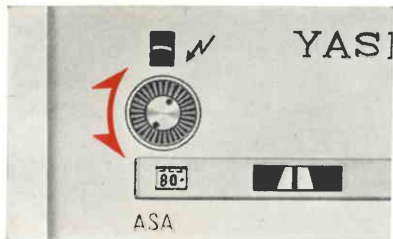


Store the film cassette tightly in the cassette chamber. Close the back-lid and turn the back latch dial counter-clockwise until the red arrow points to C.



After loading and closing the camera the letter S will appear on the film exposure counter. Advance the film by turning the film advance releasing the shutter at each exposure position until the O mark appears in the window. You are now ready to shoot your first exposure.

FOR CORRECT EXPOSURE



Adjust the ASA setting to the speed of the film to be used. Turn the manual dial until the ASA rating of the film to be used appears in the film speed indicator window. If you forget to follow this procedure, proper exposure will not be obtained.



The ASA number indicates the film speed and is printed on the box of the film or on the enclosed leaflet. The 16EE has four exposure settings ASA 25, (32), 40, 50, (64), 80, 100, (160) and 320

2 Point the camera toward the subject, and look at the exposure warning indicator.

X

OVER EXPOSURE



If the needle is in the left-hand red zone, the lighting is excessive. In that event, use a filter, such as ND or Y2, and take a picture with the electric eye (at the "AUTO" setting).

O

CORRECT EXPOSURE



When the lighting is adequate, you may take a picture at the "AUTO" setting without any filter. If the needle is in the white sector between the two red sectors, proper exposure will be obtained.

X

UNDER EXPOSURE



When the lighting is insufficient, switch over to manual. When the needle is in the right-hand red zone, the exposure is short. Don't use the electric eye, but use a flash.

PROGRAMMED SHUTTER

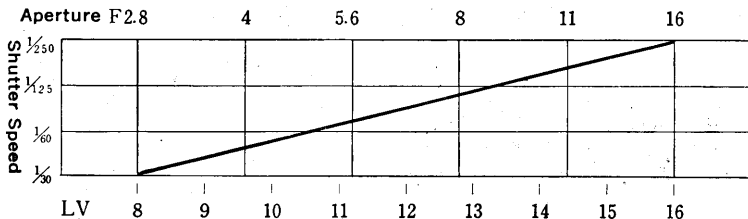


In places where the light is very strong, such as seashore in summer or a snow field, the lighting tends to become excessive, and the exposure warning needle will swing into the left red zone. In such cases, use a filter (ND or Y2).

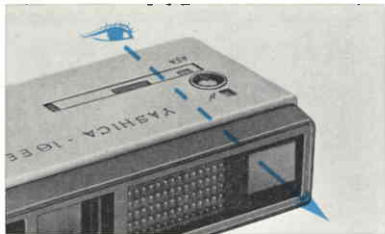


Filters specially designed for the 16EE are available. Because they cover not only the lens but the light intake window of the electric eye, you need not recalculate the exposure to compensate for the light loss with the filter.

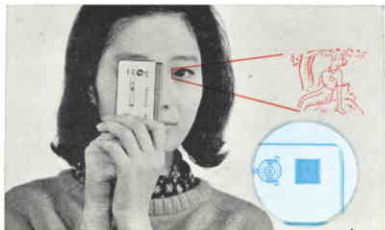
The 16EE has a programmed shutter. The shutter diaphragm mechanism is coupled to the electric eye and the proper exposure is given by this mechanism. You need not worry about exposure settings, but have only to press the shutter release button. If you turn the manual dial clockwise until the letter A disappears from the window, the shutter is automatically set to the speed of $1/30$, and you can manually set the lens aperture.



HOW TO HOLD YOUR CAMERA



The main viewfinder of the 16EE is of the "look-through" type. Because the negative is very small, plan your picture composition very carefully so that there will be no need of trimming the picture.



The 16EE has a right-angle viewfinder for secret snaphooting. By using this viewfinder, you can take candid shots.

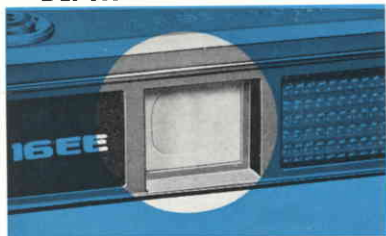


You may aim the 16EE at the subject from any angle you like. However, it is necessary that you sight the subject properly in the viewfinder.



Be sure to hold the camera level. Check to make sure the lens or the light intake window of the electric eye is not obstructed by your fingers, or the leather strap.

DEPTH-OF-FIELD

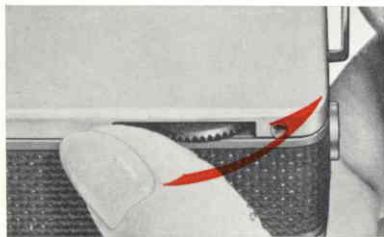


The 16EE is so designed that all the subjects seen through the finder, regardless of the distance, appear sharply defined in the picture. You need not adjust focus.

Depth-of-Field Table

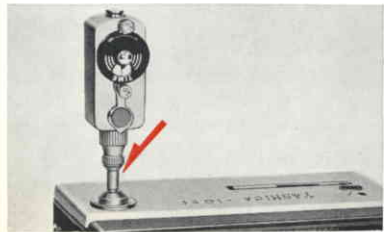
F	2.8	4	5.6	8	11	16
Meter	2.08	1.84	1.60	1.33	1.10	0.85
	5.35	8.07	24.9	∞	∞	∞

SELF-TIMER



TO ADVANCE THE FILM

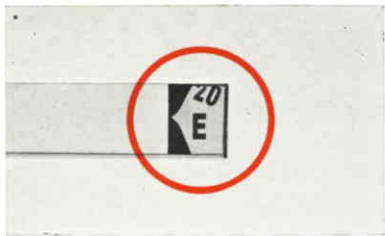
Turn the film advance counter-clockwise until it stops, and the film advances by one frame, and shutter is charged simultaneously.



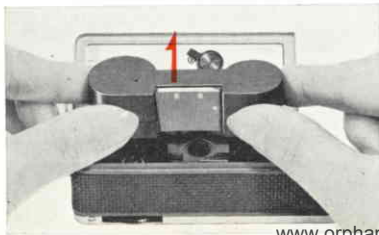
SELF-TIMER

Use a screw-in type self-timer available on the market. Screw it into the shutter release button.

UNLOADING FILM



When Number 20 appears on the film exposure counter, the film has been exposed to the end. Set and release the shutter again and again until Letter E appears in the window.



Then, turn the back latch dial clockwise until the red arrow points to O-position, open the back lid, and take out the film cassette.

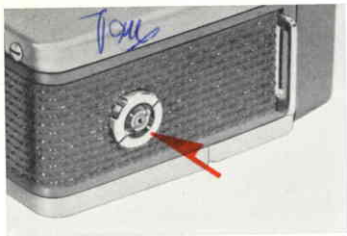
TAKING FLASH PICTURES



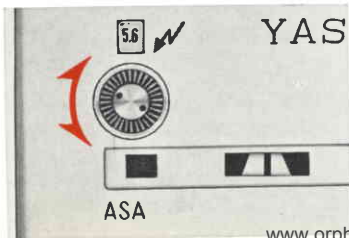
For flash-photography, don't use the A-position, which is for E. E. photography only.

If you turn the manual dial from the A-position, the shutter speed is automatically set to 1/30 sec.

When you use a flash gun, use the accessory shoe designed for exclusive use with the 16EE. Insert the plug of the flash gun cord into the flash terminal.

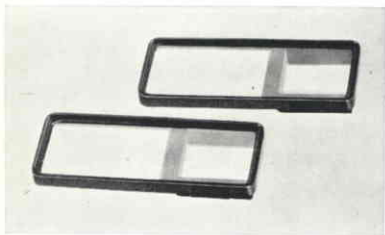


For flash photography, the shutter speed is set at 1/30 sec. at Point X. You can use either an electronic flash or a flash bulb of the M or F class.



To use a flash gun, turn the manual dial until the Auto-Manual Indicator shows the desired lens aperture. Select the lens aperture by measuring the distance between the camera and the subject by the eye and dividing the guide number of the flash bulb by the distance.

ACCESSORIES



EXCLUSIVE FILTER

Two filters for monochrome photography (ND and Y2) and two for color films (1A and 80B) are available.



ACCESSORY SHOE

The accessory shoe is used when you wish to attach a flash gun to the 16EE. To fix it, screw it into the tripod socket.

TAKE GOOD CARE OF YOUR CAMERA

1. Shock may damage the exposure meter. Handle the camera carefully. Avoid exposing it to a high moisture or high temperature.
 2. Don't disassemble the shutter assembly or the camera yourself.
 3. Always keep your camera carefully stored free from dust and moisture.
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