

#### REVIEW :

- a Take a light reading
- b Select your exposure combination
- c Set the lens opening (aperture)
- d Set the shutter speed
- e "Cock" the shutter
- f Focus on the ground glass screen
- g Compose (on the ground glass or through the sportsfinder)
- h Take the picture
- i Advance the film



# YASHICA

## HOW TO USE

YOUR  
**Yashica®**

**LM**



## Description of YASHICA LM

### THIS IS YOUR YASHICA

A precision instrument capable of bringing you some of the finest photographs you've ever taken. Please read the following pages carefully. Follow the easy, step-by-step recommendations.

To fully exploit all the advantages of your Yashica  
To take better pictures with more confidence  
To maintain the flawless operation of the camera

ler Frame

Hood Cover

selection

y Shoe  
lm Spool  
lpring

ding Window

Selector MII

iew

ature Scale  
ature Control

lm Spool  
Spring  
ver Locking

### REMOVING THE CAMERA FROM CASE

To remove the camera for film loading, spread the sides of the case apart and lift the camera free.

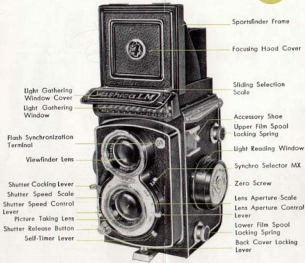


Just snap off the bottom when removing the entire front element of the carrying case.



Your Yashica camera comes complete with a deluxe, leatherette overready case. While the camera is in the case, all working parts are visible and ready to use. All you need to do is open the back-snap and lift the top of the case forward.

Read the following descriptions carefully until you become fully familiar with all these working parts.



## LOADING FILM

135 size film

12 pictures per roll

In the popular 35 x 24 size

Black-and-White or Color

- (1) To unlock back cover, turn the tripod socket in the direction marked "O". Then open the Back Cover by swinging it out.
- (2) Remove the Take-Up Spool in the Lower Film Chamber by pulling out the Lower Film Spool Locking Spring.
- (3) Place the Take-Up Spool in the Upper Film Chamber by pulling out the Upper Film Spool Locking Spring.
- (4) Place a new roll of size 135 film in the lower Film Chamber.
- (5) Gently draw out the film leader. Thread the film leader into the wider slot of the Take-Up Spool in the Upper Film Chamber, then turn the Film Winding Knob. Make sure that the film leader is placed evenly.

- (6) Turn the Film Winding Knob until the arrow on the film itself is adjacent to the red triangle on the camera body. Replace the camera back and lock it in place.
- (7) To close the camera back cover, turn the tripod socket in the direction marked "C".
- (8) When the back cover is closed and locked, the letter "S" appears in the Film Counter Window automatically.
- (9) Turn the knob until the number "1" appears in the window. You are ready for your first picture.
- (10) After taking a picture, push the Film Release Button and turn the Film Winding knob so that the Film Counter Window shows the next number. The Film Winding Knob will lock automatically.



## PICTURE TAKING PROCEDURE

- (1) Open the Viewfinder Hood by lifting it at back. Press the Viewfinder Hood down to close it.



- (2) Set the Lens Aperture Control Lever to the desired number on the Lens Aperture Scale.



- (3) Set the Shutter Speed on the Shutter Speed Scale.



- (4) Push down the Shutter Cocking Lever. Be sure not to change Shutter Speed after the Shutter is cocked. Now gently release the Shutter by pressing the Shutter Release Button. See arrow mark.



## TO REMOVE THE LENS CAP

Raise the lower cap and fold back on its hinge. Turn the upper cap counter clockwise and remove.



## MAGNIFYING GLASS

Assures more accurate focusing.



- (1) Raise the Magnifying Glass by pressing the front of the Focusing Hood Cover inward, holding the Focusing Hood so that it does not close.

When using the Magnifying Glass, place your eye as close to the Magnifying Glass as possible.

- (2) Always make sure that you have first lowered the Magnifying Glass before closing the Focusing Hood.



## SPORTS FINDER

Sight your subject through the Sportsfinder Window.



- (A) Depress the Focusing Hood Cover until it clicks into place. Lift the Yashica to your eye level.

- (B) Push the Release Button when closing it.



## TAKING FLASH PICTURES



The Self-timer, for taking self-portraits or group pictures, gives you about 8 seconds to get into the picture.

(A) Caution! Be sure to move the synchronization selector to the *X* position when using Self-timer.

(B) Then set the speed, cock the shutter and move the Self-timer in the direction shown by the arrow.

## SELF-TIMER



Your Yashica LM offers M-X synchronization

| Selector Position | M           | X              | X                                      |
|-------------------|-------------|----------------|----------------------------------------|
| Bulb used         | Medium Peak | Short Peak     | Medium Peak                            |
| Shutter Speed     | Any Speed   | 1/80 or slower | 1/25 or slower (When using self-timer) |

Do not use Short Peak Bulb with "M" Synchronization. Move the selector to X position when using Electronic Flash.

Your camera dealer will be glad to supply the proper flash attachment for your camera.

As you become more proficient at taking pictures, you will want to acquire accessories that increase the versatility of your Yashica. One of the first accessories you will want will be a flash unit.

Your Yashica is ready and waiting. Synchronization for flash is built-in. A standard PC connector plugs into the flash terminal. The battery case slips into the Accessory shoe or attaches to the camera via an arm that screws into the tripod socket.

## CABLE RELEASE

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

## UNLOADING FILM

After taking all 12 pictures turn the Film Winding Knob about 6 turns, to take up the remaining film. Then open the camera and remove the film.



## SIGHTING THE SUBJECT AND FOCUSING

You see the picture before taking

Your Yashica is a twin-lens reflex camera. The lower lens takes the picture. The upper lens is for focusing and composing on the ground glass viewing screen.

To begin, open the Focusing Hood by lifting it at the back. Now point your Yashica at the subject.

Rotate the Focusing Knob until your subject on the ground glass screen is sharp. At the same time compose your subject on the ground glass as you would like to see it in the final picture.



## COMPOSING

It is unusually simple on the Yashica's ground glass viewing screen. The 4 red guide lines help you for properly composing your pictures.



## BUILT-IN EXPOSURE METER

Your Yashica LM with its built-in exposure meter measures the light and helps you determine the proper settings, easily and rapidly.

There are three basic elements to the exposure meter.

- Light Gathering Window
- Light Reading Window
- Sliding Selection Scale.

### How to use built-in exposure meter

First you check your film ASA speed.

Open the protective cover of the Light Gathering Window by pressing the Exposure Meter Release Button. (Fig. 1) Point the Light Gathering Window to the object you wish to photograph. (Fig. 2)

The needle of the Light Reading Window swings to indicate the required number (key number). (Fig. 3)

Then slide the 'f' scale until the key number aligns with your film ASA speed. Now look at the two lower scales ('f' and 'T') so that you can get proper settings. (Fig. 4)

**The Zero Set Screw.** When no light falls on the Light Gathering Window, the needle should naturally register exactly on '0'. If it doesn't, a slight adjustment of the Zero Set screw with a small screwdriver will bring it to Zero. Don't 'tamper' with the set screw unnecessarily.

*For Example:*

*Now let's see how the Light Meter works in practice.*



- (1) Suppose you are using film ASA rating 100 and the needle swings to midway between 8 and 11.



- (2) Slide the 'f' scale until the midpoint between 8 and 11 on the 'f' scale aligns with 100 on the ASA scale.



- (3) If the required shutter speed on the shutter speed scale comes between the f stop numbers, set the lens aperture control lever as indicated by the sliding selection scale. This f stop setting stands for 1/300 sec. shutter speed.

If you are not using a tripod, the 1/5 and 1/10 second are too slow. If this is to be a picture of a moving subject you will want to use the 1/300th second speed to stop the action. (refer to Depth-of-field). If this is to be a picture of a family member, the 1/50th second is more than ample to stop any movement, the correct lens opening being f8.

**NOTE:** When using the exposure meter outdoors—especially at beaches, point the camera down slightly when taking the light reading, to avoid the intensely bright sky or water.

In addition to focusing, there are two other basic adjustments on any fine camera: the **LENS APERTURE** or **OPENING** and the **SHUTTER SPEED**.

### THE LENS OPENING

The Lens Aperture controls the amount of light that will pass through the lens onto the light-sensitive film. Your Yashica-IM, with its Yashitar lens, offers openings at f:3.5 4 5.6 8 11 16 22.



f3.5 f4 f5.6 f8 f11 f16 f22

Notice that the lower the number, the larger the opening. f3.5 is the largest opening, f22 the smallest.

To set the lens opening, move the Aperture Control Lever to the desired number on the Aperture Scale.

### SHUTTER SPEED

The shutter Speed controls the duration of the exposure. Shutter speeds on your Yashica-IM with its fine Copal Shutter are 1, 1/2, 1/3, 1/10, 1/25, 1/50, 1/100, 1/300th of a second and B. The 'B' setting is for taking pictures with an exposure longer than 1 second. Use a Tripod or Brace when using B. When you press the Shutter Release Button on the 'B' setting the shutter stays open until you release pressure on the button.

*It is advisable to set the shutter speed before you cock the shutter at all times.*

Camera may be Hand Held

Average Pictures  
1/35 1/50 1/100

Action  
Pictures  
1/300

Use a Tripod or Brace

Time  
Exposure  
'B'

Slow speeds  
1 sec 1/2 1/3 1/10



When fences or other obstructions are in your way you can hold your Yashica over head, focusing and viewing from below.



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

### HOLDING THE CAMERA



Hold the camera steady, then gently, push the Shutter Release Button.



For low object rest the Yashica on the ground.



Use the Sportsfinder for taking pictures on the eye level.

## DEPTH-OF-FIELD

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; it is much longer at  $f:22$  than at  $f:3.5$ .

At the focusing knob is a scale which will indicate the Depth-of-Field when the camera is focused at various distances. You will notice that on either side of the  $f:3.5$  figure is a similar set of numbers which represent lens apertures. 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. Thus, if the camera is focused at 10 feet and the lens aperture is  $f:8$  the Depth-of-Field (area in which all objects are sharp) is from about 8 ft. to 13 ft.

You can also use the depth-of-field scale to use your Yashica as a fixed-focus camera. In this case set the infinity mark on the distance scale opposite the lens aperture being used. If the aperture is  $f:8$  you will notice that all objects from about 26 feet to infinity will be sharp.



## FILTERS

Your Yashica-LM accepts sunshades and filters' adapter rings in convenient Bayonet mounts that readily fasten to the 'rotating' lens. A complete range of filters and supplementary lenses are available in the popular Series Y size Bay  $\phi$  30.

Initially, you will find a yellow filter ideal for bringing out clouds in landscape pictures and for general uses. As you become more advanced, you may want to use various filters, such as orange, green, etc. for different effects. Your camera dealer will give you complete information.

## Notice!

Be sure to replace the Lens Cap when your camera is not in use. Keep your camera away from dust and moisture. For cleaning the lens surface to remove dust or dirt, always wipe very lightly by using clean gauze or lens cleaning cloth. Do not wipe the lens with a dirty handkerchief. When you are not using your camera for a long period do not leave the shutter set. In such cases place the Lens Cap over the lens to avoid exposure, and release the shutter.