

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

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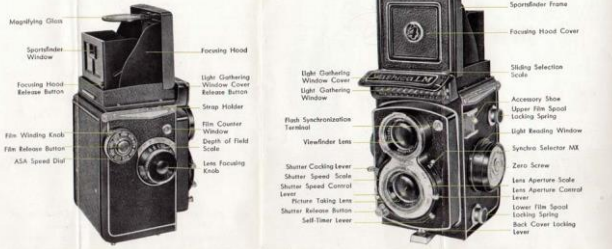
REMOVING THE CAMERA FROM CASE

To remove the camera for the back, first open the two metal lock flaps and lift the camera free.



Your Yashica camera comes complete with a mirror, leather carrying case. While the camera is in the case all working parts are protected and ready to use. All you need to do is open the back-strap and lift the top of the case forward.

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



- Magnifying Glass
- Sprocket Frame
- Focusing Hood
- Light Greeting Window Cover
- Light Greeting Window
- Light Greeting Window
- Flash Synchronization Terminal
- Viewfinder Lens
- Shutter Cocking Lever
- Shutter Speed Scale
- Shutter Speed Control Lever
- Picture Taking Lever
- Shutter Release Button
- Self-Timer Lever

- Sprocket Frame
- Focusing Hood Cover
- Sliding Selection Scale
- Accessory Shoe
- Upper Film Speed Locking Spring
- Light Reading Window
- Synchro Selector MX
- Zero Screw
- Lens Aperture Scale
- Lens Aperture Control Lever
- Lower Film Speed Locking Spring
- Back Cover Locking Lever



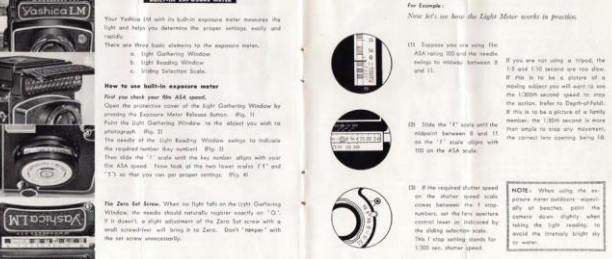
- LOADING FILM**
- 120 size film 12 pictures per roll in the cassette (2-3) use Black-and-White or Color
 - To unload back cover, turn the tripod socket in the direction marked "C". Then open the Back Cover by rotating it up.
 - Remove the Take-Up Spring in the Lower Film Chamber by pulling out the Lower Film Speed Locking Spring.
 - Place the Take-Up Spring in the Upper Film Chamber by pulling out the Upper Film Speed Locking Spring.
 - Place a new roll of size 120 film in the Lower Film Chamber.
 - Carefully draw out the film leader. Thread the film leader into the upper slot of the back film Speed in the Lower Film Chamber, then into the film winding knob. Make sure that the film leader is placed evenly.
 - Turn the film Winding Knob until the window on the film leader is opposite to the red triangle on the camera body. Replace the camera back and lock it in place.
 - To close the camera back cover, turn the tripod socket in the direction marked "C".
 - When the back cover is closed and light seal, the letter "3" appears in the film Counter Window automatically.
 - Turn the knob until the number "1" appears in the window. This one means for your first picture.
 - After taking a picture, pull the film leader through the film Counter Window, above the lens shutter. The film Winding knob will lock automatically.



- PICTURE TAKING PROCEDURE**
- Slide the lens Aperture Control lever to the desired number on the lens Aperture Scale.
 - Set the Shutter Speed on the Shutter Speed Scale.
 - Push forward the Shutter Cocking Lever. The work out to Shutter Release Button after the Shutter is cocked. Some people release the Shutter by pressing the Shutter Release Button. See service book.
- TO REMOVE THE LENS CAP**
- Slide the lower lip and hold back on its hinge. Turn the upper lip counter clockwise and remove.
- MAGNIFYING GLASS**
- Attach some accurate focusing.
- Slide the Magnifying Glass to remove the front of the Focusing Hood Cover, leaving the Focusing Hood as close as possible to the camera.
 - Always make sure that you have kept the camera steady when using the Magnifying Glass before taking a picture.
- EVOLVER FINDER**
- Light your subject through the Sprocket Window.
- Depress the Evolving Hood Cover until it clicks into place. Lift the Yashica lens cap and load.
 - Push the Release Button when desired.



- FRAMING FLASH PICTURE**
- The Self-timer for setting self-portraits or similar pictures allows you about 8 seconds to get into the picture.
- Coax the Self-timer Release Button into the picture.
 - Push forward the Shutter Cocking Lever. The work out to Shutter Release Button after the Shutter is cocked. Some people release the Shutter by pressing the Shutter Release Button. See service book.
- UNLOADING FILM**
- After taking of 12 pictures turn the film Winding knob about 8 turns to take up the remaining film. Then open the camera and remove the film.
- REMOVING THE SUBJECT AND RELOADING**
- Turn the camera back cover, turn the tripod socket in the direction marked "C". Then open the Back Cover by rotating it up.
- COMPOSING**
- It is usually single on the Yashica's ground glass viewing screen. The 4 red grid lines help you for precisely framing your picture.



- BUILT-IN EXPOSURE METER**
- Your Yashica LM with its built-in exposure meter measures the light and helps you determine the proper shutter, ready and ready.
- There are three built-in elements to the exposure meter:
- Light Greeting 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 Greeting Window by pressing the Exposure Meter Release Button. (Fig. 1) Push the Light Greeting Window in the subject you wish to photograph. (Fig. 2) The result of the Light Reading Window will indicate the required number (day number). (Fig. 3) Then slide the "1" scale until the day number aligns with your film ASA speed. Now look at the two lower scales ("1" and "11") so that you can get proper shutter. (Fig. 4)
- The Zero Set Screw**
- When no light falls on the Light Greeting Window, the needle should register roughly evenly 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 "rezero" with the set screw unnecessarily.

For Example:

- Now let's see how the Light Meter works in practice.
- Suppose you are using film ASA rating 100 and the needle points to midway between 8 and 11. If you are not using a tripod, the f/8 and f/11 scales are too slow. If the film is a piece of a medium subject you will want to use the 1/2000 second speed or check the aperture, better to f/11 than f/8.
 - Slide the "1" scale until the indicator between 8 and 11 on the "1" scale aligns with 100 on the ASA scale.
 - If the required shutter speed on the Shutter Speed Scale moves between the f/8 and f/11 markers, set the lens aperture control lever as indicated by the sliding selection scale. This 1/2000 setting means for 1/2000 sec. Shutter speed.
- NOTE:** When using the exposure meter position especially at bracketing, give the camera glass slightly when taking the light reading to avoid the intensity being any or more.

In addition to focusing, there are two other basic adjustments on any film 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 LM, with its Yashica lens, offers openings of f 2.8, f 4, f 5.6, f 8, f 11, f 16, f 22, f 28.

Notice that the lower the number, the larger the opening. f 2.8 is the largest opening, f 28 the smallest.

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

The shutter Speed controls the duration of the exposure. Shutter speeds on your Yashica LM with its lens Control Dial are 1/250, 1/500, 1/1000, 1/2000, 1/4000 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 reach the shutter of all shots.

Camera may be Hand Held

Average Pictures	Action Pictures	Time Exposure	Slow speeds
1/250 1/500 1/1000	1/200	1/2	1 sec. 1/2 1/3 1/10



When focusing on other observations are in your view you can hold your Yashica and hand, focusing and viewing from below.

HOLDING THE CAMERA



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



For low objects rest the Yashica on the ground.



Use the Sportfinder for taking pictures at the eye level.

Steady the camera on your knee when taking pictures from a seated 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". It is wider with the lens aperture. The smaller the aperture the greater the Depth of Field. It is much larger at f 22 than at f 2.8.

The focusing knob is a scale which will indicate the Depth of Field when the camera is focused on various distances. You will notice that on either side of the f 2.8 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 on 10 feet and the lens aperture is f 4 the Depth of Field varies in which all objects are sharp from about 8 ft. to 13 ft.

You can also use the depth-of-field scale to see how Yashica or a fixed-focus camera. In this case on the subject 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.



WARNING

Your Yashica LM screen carbide and brass contact rings in connection Bayonet mounts that readily rotate to the "locking" base. A complete range of filters and supplementary lenses are available in the popular Series V size Bay K 35.

Initially, you will find a yellow filter strip for limiting red clouds in landscape pictures and for general use. 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 use very lightly for using clean glass or lens cleaning cloth. Do not clean the lens with a dry 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 to keep the shutter.

- REVIEW**
- Take a light reading
 - Select your exposure combination
 - Set the lens opening (aperture)
 - Set the shutter speed
 - Cock the shutter
 - Focus on the ground glass screen
 - Compose (on the ground glass or through the sportfinder)
 - Take the picture
 - Advance the film



YASHICA
HOW TO USE

YOUR Yashica LM