



DESCRIPTIONS FOR YASHICA 635

THE YASHICA MODEL 635

is a versatile camera which can take 6 x 6 cm (2 1/4" x 2 1/4") pictures (using 120 film) or 24 x 36 mm pictures (using 35 mm film). It is also a multi-purpose camera which will meet the requirements of portrait work, ordinary snap shots, close-up photography, copy work and making color slides.

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

LEATHER CARRYING CASE

The genuine leather carrying case is specially designed with compartments to carry the YASHICA 635 Camera, 35 mm Converter KK, extra spools of 120 and 35 mm film and accessories.

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

111 ASA Speed Dial	161 35 mm Film Winding Knob	171 Back Cover
121 Film Release Button	172 Film Pressure Plate	181 Reverse Arm
131 Shutter Release Button	173 Reverse Arm	191 35 mm Film Pressure Plate
141 Film Counter Window	174 Film Release Button	192 Metal Adapter Ring
151 Depth-of-Field Scale	175 Spool Locking Spring	193 35 mm Film Cartridge
	176 Tripod Socket	

Other parts labeled in the diagram include: Sports Finder Frame, Focusing Hood Cover, 35mm Spoolholder Mount, Name Plate, Flash Synchronization Terminal, Touch-Selector MX Lens Opening Control Wheel, Picture Taking Lens, Selftimer Lever, Back Cover Locking Lever, File Winding Knob, Lens Focusing Knob, Shutter Speed Control Wheel, Shutter Cocking Lever, Shutter Release Button.

LOADING FILM

- 111 To avoid back cover, turn the tripod socket in the direction marked "O". Then open the Back Cover by carrying it back.
- 112 To avoid back cover, turn the tripod socket in the direction marked "O". Then open the Back Cover by carrying it back.
- 121 Before the Take-Up Spool in the Lower Film Chamber by pulling out the Lower Film Spool Locking Spring.
- 131 Place the Take-Up Spool in the Upper Film Chamber by pulling out the Upper Film Spool Locking Spring.
- 141 Place a new roll of size 120 film in the Lower Film Chamber.
- 151 Carefully remove out the spool. Thread the film into the outer 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.
- 161 Turn the Film Winding Knob until the arrow on the film shaft is adjacent to the red triangle on the camera body. Rotate the camera body and turn the winding knob until the arrow is adjacent to the green mark "C".
- 171 To close the camera back cover, turn the tripod socket in the direction marked "O".
- 181 Turn and see the lock until the number "1" appears in the View Counter Window.
- 191 Turn and see the lock until the number "1" appears in the View Counter Window.
- 192 After taking a picture, push the Film Release Button and turn the film winding knob to turn the Film Counter Window shows the next number.

Caution: When loading or unloading film inside in a shadow, never in strong direct sunlight.

VIEWFINDER PROCEEDURE

- 111 Close the camera back by sliding it to lock. Press the Viewfinder Hood down to close it.
- 121-123 The viewfinder is used to see the subject and to focus. The viewfinder is used to see the subject and to focus. The viewfinder is used to see the subject and to focus.
- 141 Push down the Shutter Cocking Lever. At the same time, turn the Shutter Speed wheel after the Shutter is cocked. Now, depress the Shutter by pressing the Shutter Release Button. See arrow mark.

TO REMOVE THE LENS CAP

- 111 Remove the lens cap and fold back on its hinge. Turn the upper stop counter clockwise and remove it.

MAGNIFYING GLASS

- 111 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 done, the magnifying glass will be in position to use.
- 121 Always take care that you have first focused the Magnifying Glass before observing the focusing hood.

TEXTILE STRIP

- 111 Remove the focusing hood cover and attach into above the fabric to your machine.
- 121 Push the Release Button when using it.

LOADING THE 35 MM. FILM

- 111 Pull out the Reverse Release Button (B) and give it a twist.
- 121 Insert the 35 mm Converter into the Upper Film Chamber. Push the two projections of the assembly towards the film holder with a little pressure on the Release Bar and it will set in easily. The spring in the Release Bar will hold the converter in place.
- 131 Remove the Reverse Release Button to original position which will set the lock and the sprockets are ready to turn.
- 141 Screw the metal Adapter Ring to the speed regulator dial on the right hand side of the Lower Film Chamber.
- 151 Insert the Auxiliary Sprocket Shaft into the spool of the film cartridge.
- 161 Place the assembled film Cartridge in the Lower Film Chamber by pulling out the film spool locking spring. Clearly show the film to the bottom of the 35 mm Auxiliary Sprocket Assembly by bringing the sprocket in the shaft to the magnetic slot on the right side of the Upper Film Chamber. Next, pull out the 35 mm Film Winding Knob and insert the vertical end of the 35 mm Auxiliary Sprocket Assembly into the Winding Knob and give it a little pressure with the Auxiliary Sprocket Release to turn. If the 35 mm Film Winding Knob does not turn, press the Film Release Button (B) and turn the film winding knob "1/2" and it will engage the lock.
- 171 Thread the film into the slot of the Auxiliary Sprocket in the Upper Film Chamber, then turn the 35 mm Film Winding Knob. Make sure the performance in the film is in accordance to the direction.

LOADING THE FILM CARTRIDGE

- 1) Floor the Film Pressure Flare with the protrusion (black diamonds) between the film and set in position by pressing the protrusion into the holes provided in the Film Converter Head Assembly.
- 2) Close the camera Back Cover. Press the Film Release Button once and turn the film Winding Knob until it locks. Repeat this operation three times.
- 3) Set the Exposure Indicator Dial to number one. The film is now ready to use the lens exposure.

YASHIKOR F 3.5 LENS

The Yashikor F 3.5 Camera is equipped with YASHIKOR 35mm f/3.5 lens. It is a hard edged and color corrected, which is best for color photography.

When taking pictures with 35 mm. film, all you need do is to lock the camera for planar photography. At the same time it will also work as a Telephoto lens giving a larger image and narrower field of view than a standard lens fitted to 35 mm camera.

LOADING THE FILM CARTRIDGE (continued)

- 1) Always remember to right and compare your picture with the Mark Line marked on the ground glass viewing screen.
- 2) When using the Sports Finder it will be necessary to adjust the Lens Aperture. Mark it beforehand by means of the very fine graduated 1/8 or 1/16 Turnstoppers.

TAKING PICTURES WITH 35MM. FILM

- 1) Always remember to right and compare your picture with the Mark Line marked on the ground glass viewing screen.
- 2) When using the Sports Finder it will be necessary to adjust the Lens Aperture. Mark it beforehand by means of the very fine graduated 1/8 or 1/16 Turnstoppers.

TAKING FLASH PICTURES

Your Yashikor offers M.C. synchronization.

Shutter Release	M	X	S
Flash used	Medium Flash	Short Flash	Medium Flash
Shutter Speed	Any Speed 1/600 or slower	1/120 or slower	Any Speed

Do not use Short Flash Bulbs with "M" Synchronization. Press the release in a position when using Electronic Flash.

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

As you become more proficient at taking pictures, you will want to make accessories that increase the versatility of your Yashikor. One of the first accessories you will want will be a flash unit. Your Yashikor is made and designed to synchronize its flash unit. A standard PC connector plugs into the flash terminal. The battery compartment fits into the Air. An accessory strap or attaches to the camera with one that connects into the tripod socket.

CABLE RELEASE

Accessory. Cable Release can be fitted to your Yashikor. Simply remove the Shutter Release Ring and insert the Cable Release. Your camera dealer will supply the proper Cable Release for your camera. See above picture.

FIXING THE SHUTTER AND EXPOSURE

You set the shutter before taking.

Your Yashikor is a reflex camera. The shutter has three positions. The upper limit is for focusing and composing on the ground glass viewing screen.

- 1) To begin open the focusing flaps by sliding it up or down. Have your finger on the release.
- 2) Rotate the focusing knob until your subject on the ground glass screen is sharp. At the same time your exposure meter adjust on the ground glass so you would like to see it in the final picture.

RELEASE THE SHUTTER

After making all 12 pictures turn the Film Winding Knob about 8 turns, to keep up the rewinding film. Turn open the camera and remove the film.

COMPOSE

A circular image on the Yashikor's ground glass viewing screen. The red guide lines help you for properly composing your pictures.

THE LENS STOPPING

The Lens Aperture controls the amount of light that will pass through the lens onto the light sensitive film. Your Yashikor with its Yashikor lens offers openings of 1:3.5, 4, 5.6, 8, 11, 16, 22.

Notice that the lower the number, the larger the opening. 3.5 is the largest opening. 22 is 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 this camera with its five Speed Shutter are 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 of an second. The "B" setting is for taking pictures with an exposure longer than 1 second. Use "P" or "S" or "M" or "A" when you press the Shutter Release. Be sure 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 click the shutter off all shots.

Camera may be Hand-Held	Use a Tripod or Stand	
Action Pictures	Time Expositions	Slow speeds
1/500, 1/1000, 1/2000	2"	1 sec 1/2, 1/4, 1/8, 1/15

EXPOSURE

Exposure means finding the right combination of lens opening (aperture) and shutter speed to achieve the exposure (ASA) of your film. ASA indicates amount of light absorption. For example, if you are using film of ISO 200 (ASA) speed, sensitivity your camera exposure will be according to the following table:

Light Subject (1)	1/250	1/500	1/1000	1/2000
Average Subject (2)	1/250	1/500	1/1000	1/2000
Dark Subject (3)	1/500	1/1000	1/2000	1/4000

(1) Light Subjects: Disturbance, trees by people with sea, beach and snow scenes in the background.

(2) Average Subjects: Faces by people, houses, gardens, buildings and places not in the shade. Adjustable to sea (low) land, when light and dark spots are in about equal proportions.

(3) Dark Subjects: People in dark clothing, trees, flowers, animals and large buildings.

(4) Open Shutter: Subjects shaded from the sun but lighted by a wide area of open sky. Use the lightest aperture and the largest shutter speed.

If you are using an ASA 100 film, you will make a larger lens opening or slower shutter speed 1/40.

Half of your usual need to make a mistake, set an exposure meter. Be sure to consult your local camera dealer.

HOLDING THE CAMERA

When taking an outdoor picture, you can hold your Yashikor over your head and swing from behind.

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

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

Use the Sportfinder for taking pictures 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 larger at f/22 than at f/3.5.

As the focusing knob is a scale which will measure the Depth-of-Field when the camera is focused on various distances. You will notice that on either side of the f/3.5 figure is a smaller 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/8, the Depth-of-Field lines in which all objects will appear sharp are about 5 ft. to 15 ft.

You can also use the depth of field scale to see your Yashikor as a fixed focus camera. In this case set the focusing knob on the distance which appears the best aperture, using just one of the apertures. If f/8 you will notice that all objects from about 20 feet to infinity will be sharp.

FILTERS

Your Yashikor offers various color and filters, longer range in comparison to most cameras that usually focus on the "focusing" lens. A complete range of filters and supplementary lenses are available in the popular Series V (see page 26).

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

Notice!

The Yashikor lens has five elements and is coated with anti-reflection film. It is designed to work best with 35mm film. Do not use other film or lenses. For changing the lens set in position. Do not use the lens with an ultra-microscope. When you are using the camera for a long period, do not leave the shutter set on "B". Also clean the lens (do not use the lens to avoid scratches, see index to filter).

REVIEW

- 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