

# Yashica TL Electro

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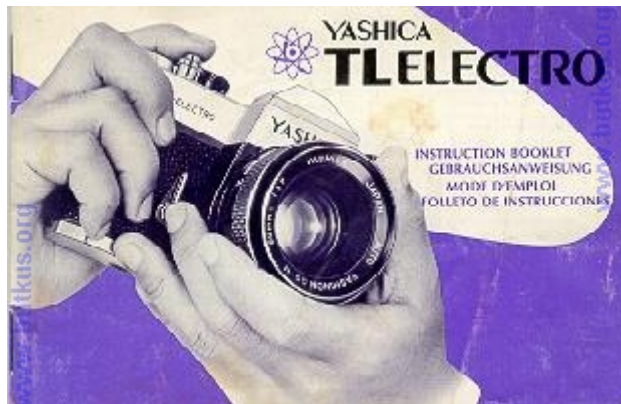
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(posted 3-02)

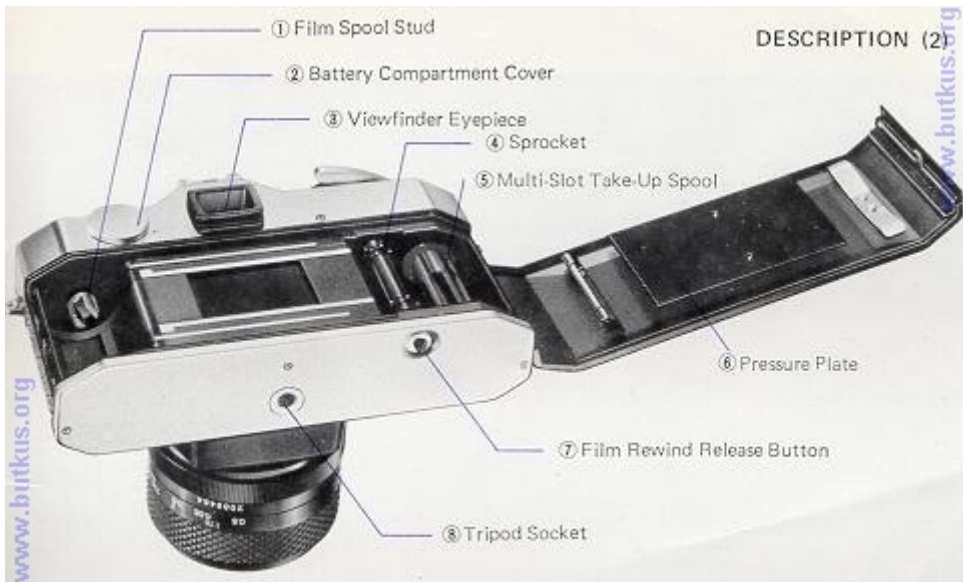


## INSTALLING BATTERIES

**Warning - the original batteries are mercury 1.35 volt batteries (no longer available in U.S. The suggested replacements are 1.5V. That makes the over-voltage .3 volts since you need two. I have a report of one person's LED lights burn out after 6 shots with replacement 1.5V batteries (3 volts instead of 2.7). There are 1.4V zinc-air batteries or battery holder for alkaline batteries to drop them to the 1.35v. [Check my battery link page for more info.](#)**



1. Open the Battery Compartment Cover by pressing your fingertips against its milled edge and turning it counter-clockwise.
  2. Install two mercury batteries (Mallory PX-640 or equivalent), making sure that their ( - ) side faces towards the Cover.
  3. After replacing the cover, press the Activator Switch. If the green signal lamp appears in the viewfinder, it indicates the batteries are installed properly...
- Always use the right type of mercury batteries (Mallory PX-640 or equivalent). Do not attempt to dismantle the mercury batteries. Do not throw them into a fire or keep them where children can get hold of them. Make it a rule to take along a set of spare batteries when going out on long trip.



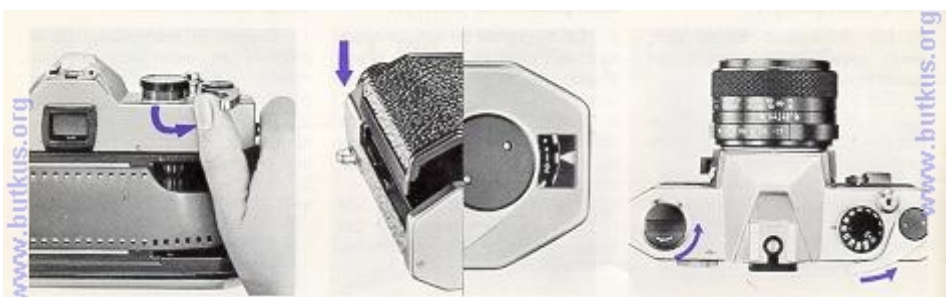
**FILM LOADING (a)**

1. The back cover will pop open when the Film Rewind Knob is pulled all the way up.
2. Load the film cassette as illustrated and push the Film Rewind Knob down to its original position.
3. Insert the tip of the film leader into one of the slots on the Take-Up Spool.



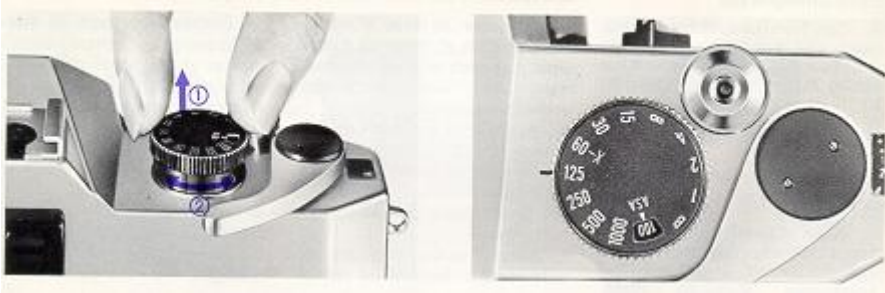
**FILM LOADING (2)**

4. Wind the Film Advance Lever and make sure the Sprocket teeth properly engage the perforations along the edges of the film.
5. Close the back cover. Advance the film by pressing the Shutter Release Button and winding the Film Advance Lever alternately until the red figure 1 comes opposite to the triangle index in the exposure counter.
6. If the Film Rewind Knob turns in the direction of the arrow when the Film Advance Lever is wound, it indicates that the film is being taken up properly.



## ASA SPEED SETTING

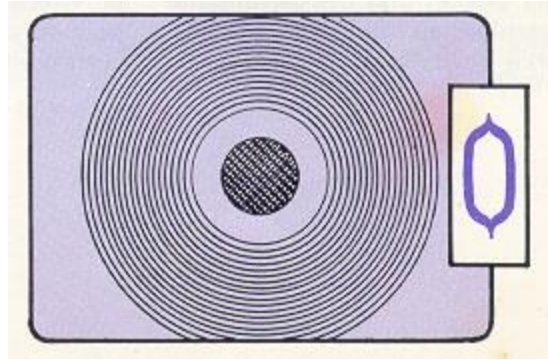
Lift up the milled ring around the Shutter Speed Control Dial and turn it until the figure corresponding to the speed rating of the film loaded in the camera centers in the ASA Indicator Window.



## SHUTTER SPEED SETTING

Turn the Shutter Speed Control Dial in either direction and align the desired speed setting with the index line...

## EXPOSURE SETTING



Look through the viewfinder and press the Activator Switch. You will notice that only the upper or lower half of the green ( O ) symbol is **visible**. Turn the Aperture Ring until the entire symbol appears, indicating correct exposure setting.

The Activator Switch will automatically return to the original position when the Shutter Release Button is pressed.

\* If only the upper half ( n ) of the symbol is visible, it warns against over-exposure. To achieve correct exposure setting, turn the Aperture Ring until the entire symbol appears. If it fails to come on even when the Aperture Ring is turned all the way, use a faster shutter speed or an ND filter to compensate for over-exposure,

\* If only the lower half ( v ) of the symbol lights, it warns against under-exposure. To achieve correct exposure, reset the aperture. If the entire symbol fails to come on even when the Aperture Ring is turned all the way, use a slower shutter speed, or change to flash photography.

**Preselection of Aperture.** When taking pictures in subdued light, it may be easier and better to preselect the aperture.

- 1) Set the Aperture Ring to the desired aperture.
- 2) Press the activator Switch, then turn the Shutter Speed Control Dial until the entire symbol appears in the viewfinder.---

### NOTICE:

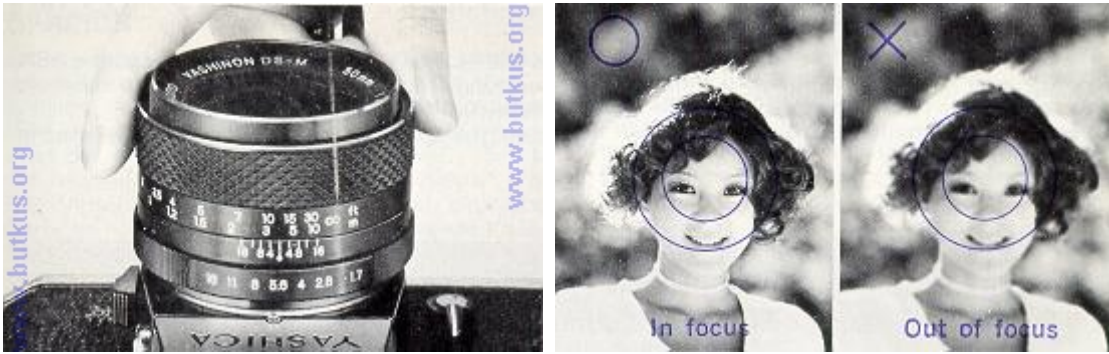
An infinite range of shutter speeds at in-between settings can be obtained between 1/60 and 1/1 000 sec.

When correct exposure is indicated at an in between setting between 1/60 and 1 sec., reset the Shutter Speed Control Dial to the nearest click stop setting. Then turn the Aperture Ring **until the entire green symbol** appears to indicate correct exposure.

### NOTICE:

When a standard lens has no Auto Manual Lever, manual extension bellows and extension tubes cannot be used unless the lens aperture is fully open.

## FOCUSING



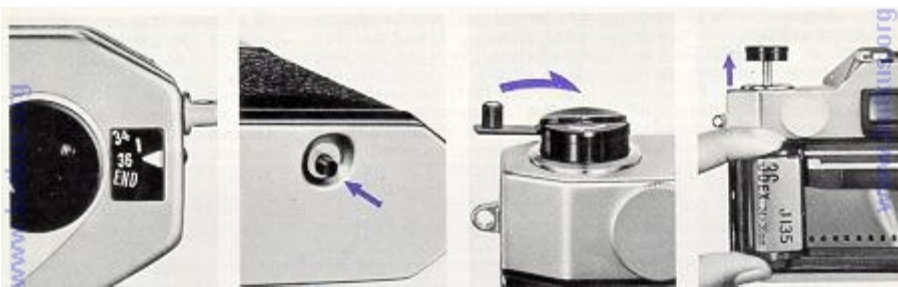
1. Turn the Focusing Ring in either direction while sighting through the Viewfinder.
2. Precise focus is secured when the image of your subject appears clear, without the multiple glitter, within the microprism focusing spot at the center of the finder field.

## SENSITIVITY RANGE

The sensitivity range of the automatic exposure system of the TL-ELECTRO varies according to the ASA speed rating of the film in use. In short, the shutter speed range for automatic Thru-the-Lens exposure read-out usable with film of different ASA speed rating is as shown in the following table: Note: The automatic exposure read-out will not work at shutter speed settings other than those listed in the foregoing...

ASA	Shutter speed range · Verschlussgeschwindigkeitsbereich Gamme de vitesses d'obturation · Alcance de la velocidad obturador										
	1	2	4	8	15	30	60	125	250	500	1000
12	1	2	4	8	15	30	60	125	250		
25	1	2	4	8	15	30	60	125	250	500	
50	1	2	4	8	15	30	60	125	250	500	1000
100	1	2	4	8	15	30	60	125	250	500	1000
200		2	4	8	15	30	60	125	250	500	1000
400			4	8	15	30	60	125	250	500	1000
800				8	15	30	60	125	250	500	1000
1600					15	30	60	125	250	500	1000

## FILM UNLOADING



1. Stop winding the Film Advance Lever when a resistance is felt. And do not force to advance the film any further as it may tear or come loose from the cassette, making it impossible to rewind.
2. Press the Film Rewind Release Button on the base of the camera.

3. Fold out the rewinding crank-handle on the Film Rewind Knob and turn it in the direction of the arrow until it turns freely.

4. Pull the Film Rewind Knob all the way up to open the back cover, and take out the exposed film.

## FLASH PHOTOGRAPHY



An use of flash equipment is recommended when shooting under subdued light conditions. To use a cordless flash unit, set it on the direct contact shoe on the camera. For the use of conventional type strobe or AC flash unit, plug its cord into Synchro-Terminal.

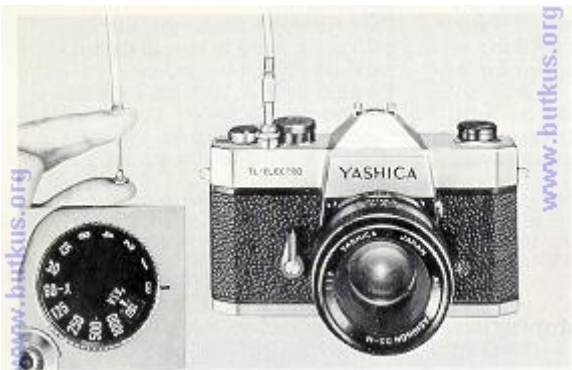
The FP or X synchronization is determined by the built-in automatic selector according to the setting of the Shutter Speed Control Dial.

## SPEEDS FOR FLASH SYNC

- \* Electronic flash---- Set speed to "60-X" (Synchronizes also at all speeds under 1/60 sec. and B)
- \* M.F class bulbs--Synchronizes at 1/30 sec. or slower speeds, and B.
- \* F.P class bulbs--Synchronizes at all speeds other than 1/60 sec.

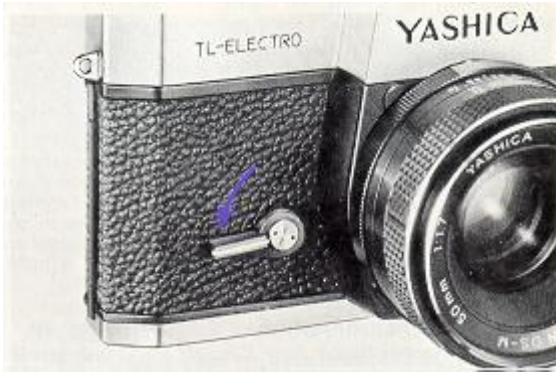
Correct aperture setting in flash photography is obtained by dividing the flash guide number by the flash-to-subject distance.

## "B" SETTING



When the Shutter Speed Control Dial is set at the "B" setting, the shutter will remain open as long as the Shutter Release Button is depressed. Mount your camera on a tripod and use a cable release when making exposure at "B" or slow shutter speed settings...

## SELF-TIMER



1. Wind the Film Advance Lever.
2. Push the Self-Timer Lever all the way down.
3. Depress the Shutter Release Button to activate the self-timer.

The self-timer will trip the shutter at a delayed action of 8 to 9 seconds.

## BACKLIT SUBJECTS



Take exposure reading by approaching your subject or give about double the normal exposure when shooting backlit subjects.

If normal exposure reading is T/ 16 at 1/125 sec., reset to f/ 11 at 1/125 see, or f/16 at 1/60 see,

## INFRARED FILM PHOTOGRAPHY

The red -index is for distance compensation in infrared film photography.

1. Secure focus in the normal manner and read off the range on the Distance Scale.

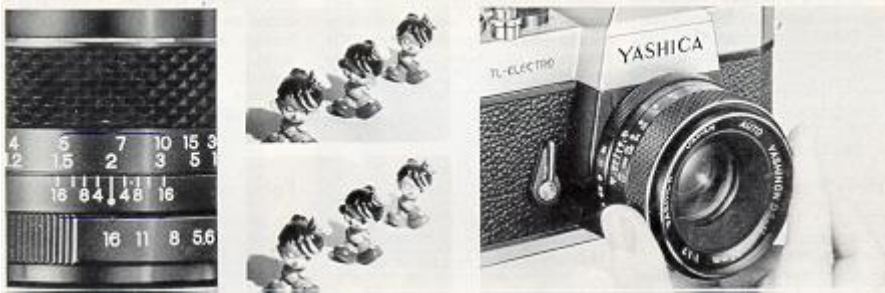


2. Align the subject distance with the  $\bullet$  index.

## FILM PLANE INDICATOR

In extreme close-ups where critical focusing is required, measure the distance to the subject from this film plane indicator and adjust the Distance Scale accordingly.

## DEPTH OF FIELD



Depth of field is the extent over which all objects appear acceptably sharp. It is more extensive (1) at smaller aperture setting, (2) when focused on a distant subject, and (3) in the background than in the foreground.

## LENS INTERCHANGING

All Yashinon lenses feature screw-thread mount To change lens, simply turn the lens **barrel** counter-clockwise. Parallax-free viewing and accurate Thru-the-Lens exposure control is obtained with all lenses. Make it a rule to interchange your lens in the shade.