

YASHICA

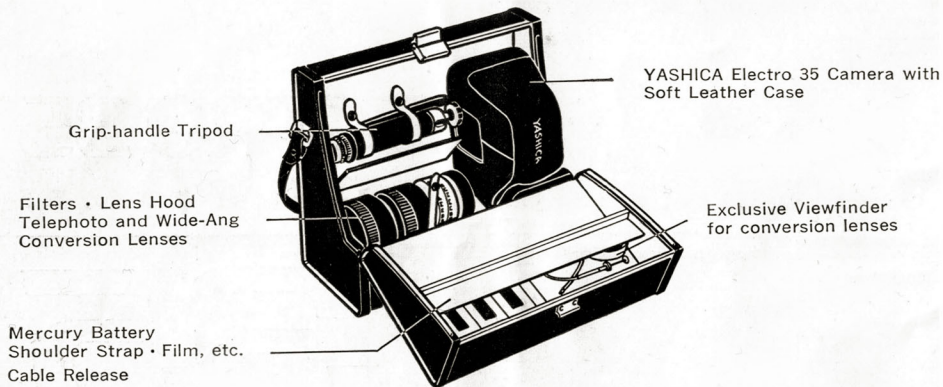
# ELECTRO 35

INSTRUCTION BOOKLET

**35**  
KIT

## THE CARRYING CASE

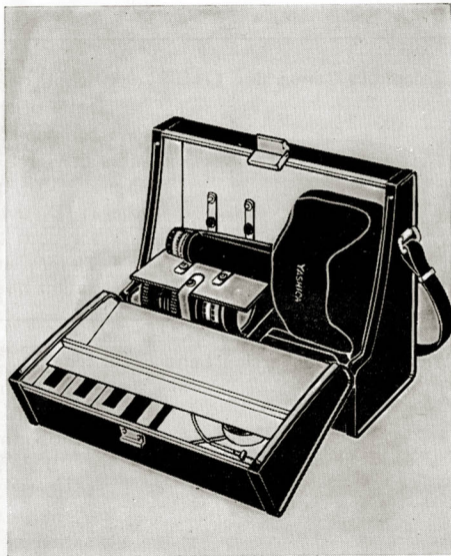
## DESCRIPTION OF CONTENTS



The YASHICA Electro 35 with the grip-handle tripod can be accommodated in the carrying case.

The carrying case provides space for accommodating the following items:

- YASHICA Electro 35 with soft leather case
- Telephoto and wide-angle conversion lenses
- Exclusive viewfinder for conversion lenses
- Grip-handle tripod
- Filters (2) and lens hood
- Cable release
- Mercury battery (5.6V)
- Shoulder strap, film, silicone cloth, etc.



## TELEPHOTO AND WIDE ANGLE CONVERSION LENSES

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- **Telephoto Conversion Lens** Focal length: 58.4 mm (in combination with the standard lens); ratio of magnification 1.3x.



Lens composition: Three elements in three groups

Angle of view: 40° 29' (in combination with the standard lens)

Mount: 55 mm screw-thread mount

Others: Distance conversion ring, exclusive viewfinder (usable for both the telephoto and wide angle conversion lenses), 72 mm screw-in type filter mount. No exposure compensation necessary.

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- **Wide-Angle Conversion Lens** Focal length: 37.7 mm (in combination with the standard lens); ratio of magnification 0.8x.



Lens composition: Two elements in two groups

Mount: 55 mm screw-thread mount

Others: Distance conversion ring, exclusive viewfinder (usable for both the telephoto and wide angle conversion lenses), 72 mm screw-in type filter mount. No exposure compensation necessary.



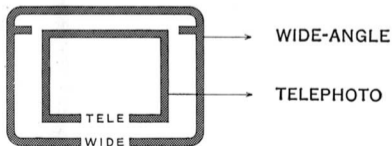
## THE EXCLUSIVE VIEWFINDER

The exclusive viewfinder to be used together with the conversion lens features two brilliant trimming frames outlining the field covered by the telephoto and wide angle conversion lenses, respectively.

In case the conversion lens is mounted over the camera lens, do not sight through the camera viewfinder when tripping the shutter

Mount either the telephoto or wide-angle conversion lens on the filter mount of the camera lens.

Slip the exclusive viewfinder into the accessory shoe of the camera.



## FOCUS ADJUSTMENT (when telephoto or wide-angle conversion lens is mounted on the

Because the use of the telephoto or wide-angle conversion lens changes the focal length of the camera lens, the camera-to-subject range must be adjusted accordingly. The compensation of the camera-to-subject range differs with the telephoto and wide-angle conversion lenses; therefore, it is necessary to refer to the distance conversion ring of the lens in use each time the camera-to-subject range is to be adjusted.

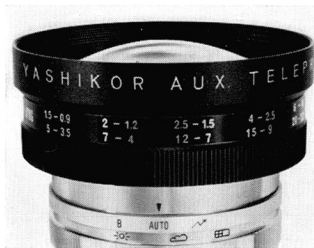


- 1 Sight through the camera viewfinder and turn the focusing ring until the two images in the rhomb are superimposed perfectly.
- 2 Read the camera-to-subject range on the distance scale of the camera lens barrel.

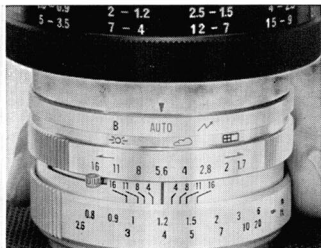
**Example** When using the telephoto conversion lens, make the following adjustment. (The same procedure is applicable when using the wide-angle conversion lens.)

- 2 In case the distance scale on the camera lens barrel shows a range of 2 metres when focus is secured with the aid of the camera rangefinder...

camera lens)



③ Read the color-coated figure on the distance conversion ring of the conversion lens which is equivalent to the distance measured with the rangefinder incorporated in the camera.



④ Adjust the distance scale of camera to 1.2 meters to obtain precise focus on the subject.

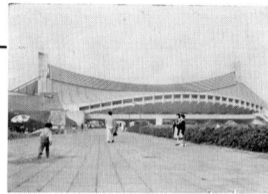
③ Read the equivalent figure on the distance conversion ring of the conversion lens. (since the conversion ring shows a reading of "2-1.2", it signifies a distance of 1.2 metres.)

④ Then, readjust the distance scale of the camera accordingly.

After making focus adjustment in the foregoing manner, follow the procedures given in the instruction booklet supplied with the camera. Correct exposure is assured in the event either the yellow or the red lamp fails to alight when the shutter release button is depressed gently; therefore, press the shutter button all the way in to obtain perfect telephoto or wide-angle shots.

- Notes on Use of Telephoto and Wide-Angle Conversion Lenses

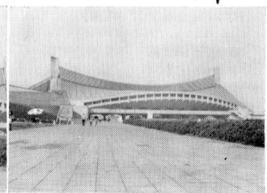
1. When using the telephoto or wide-angle conversion lens, it is advisable to set the lens aperture at  $f/5.6$ ,  $f/8$  or  $f/11$ . Under certain conditions, good results may not be obtained at aperture settings of  $f/1.7$ ,  $f/2$  or  $f/16$ .
2. The telephoto or wide-angle conversion lens cannot be mounted over the camera lens unless the 55mm filter is removed.
3. A 72 mm filter can be mounted on the front element of the telephoto or wide-angle conversion lens. However, the use of a filter should be avoided as much as possible, because the edges of the picture area may be blacked out under certain conditions.



Standard Lens



Telephoto Lens



Wide-angle Lens



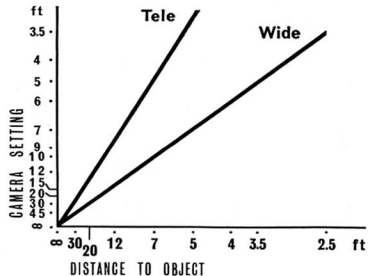
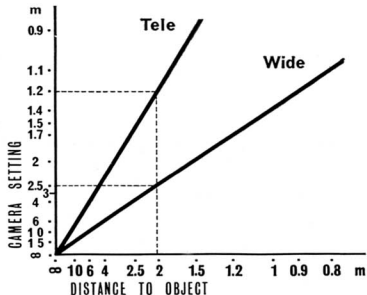
## DISTANCE CONVERSION TABLE

The compensation for camera-to-subject range can be made most readily by reading off the figure on the conversion ring of the conversion lens. For more details, refer to the following conversion table.

### How to Read the Conversion Table

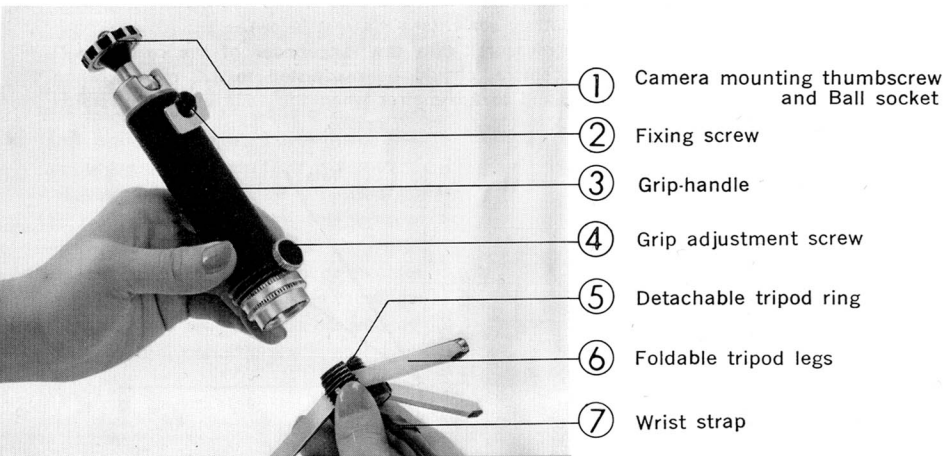
If, for instance, the camera-to-subject range measured with the camera rangefinder is 2 metres, draw a line vertically from 2 metres on the camera to object distance scale to intersect the respective wide or tele diagonal lines, and extend the line horizontally from point of intersection to the camera setting scale. (see diagram below).

This will show that, if the distance measured with the rangefinder of the camera is 2 metres, the distance scale of the camera should be readjusted to 1.2 metres when using the telephoto conversion lens, and to 2.5 metres when the wide angle conversion lens is mounted on the camera lens.



## GRIP-HANDLE TRIPOD

The YASHICA Electro 35 offers the advantage of fully automatic adjustment for long exposures under subdued light conditions. The grip-handle tripod permits steady hold of the camera, for picture-taking under such conditions. It features a handy ball socket head to set the camera at the desired position.



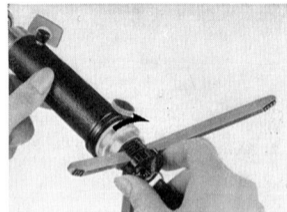
## HOW TO USE THE TRIPOD



1.



2.



1. Turn the detachable tripod ring in the direction of the arrow and draw out the folded tripod legs.
2. Spread out tripod legs and mount the ring by turning it in the direction of the arrow.

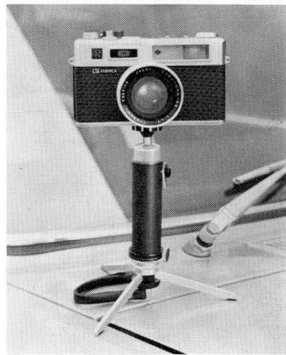
## VARIED USES OF THE GRIP-HANDLE TRIPOD



- || • As a camera grip  
(horizontal position)



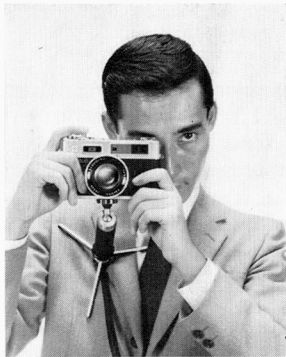
- As a camera grip  
(vertical position)



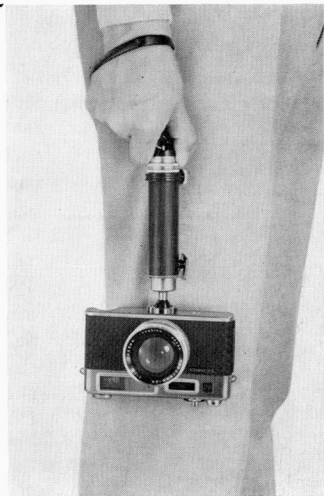
- As a tripod (on the  
bonnet of an automobile  
or other plane surfaces)



- As a tripod  
(used against a wall)



- As a tripod  
(using the chest as a support)



- For carrying

## FILTERS AND LENS HOOD



Supplied in the carrying case are filters and lens hood made exclusively for use with the YASHICA Electro 35. (Both the filters and lens hood cannot be mounted on the camera lens when the conversion lens is in use.)

- Filters (55 mm screw-in type)

1A filter for color and B & W photography. This filter has a filter factor of 1 which requires no exposure compensation. It reduces excess blue and adds warmth to the picture. This filter used at all times will protect the camera lens from scratches and other damages.

Y2 filter for B & W photography only.

This filter has a filter factor of 2 and absorbs not only ultraviolet rays but also rays of the red spectrum and is therefore effective in assuring crisp results in photographing landscapes, seaside or snow scenes, etc. (Do not use this filter when a color film is loaded in your YASHICA Electro 35.) Exposure should be doubled.

Example: With ASA 100 film, set ASA control dial at ASA 50.

- Lens Hood (57 mm slip-on type)

The use of the lens hood to ward off extraneous light assures best results when shooting landscapes, seaside scenes, etc.



## CABLE RELEASE

The cable release is used when hand-held photography must be avoided (in case of slow shutter speeds) or when making bulb (B) exposures. Mount the camera on a tripod and fix the cable release to the threaded socket on the shutter release button.

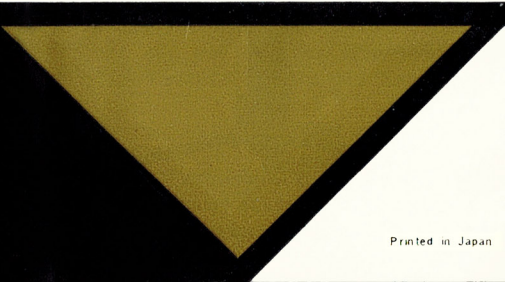
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- When going on long trips, it is advisable to take along a spare mercury battery which supplies power to operate the YASHICA Electro 35.
  - As battery replacement, use Mallory TR-164 5.6V Eveready E-164 5.6V or equivalent battery.
  - Use the shoulder strap when carrying the camera without using the soft leather case.
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