

YASHICA

Pioneer in Electronic Cameras



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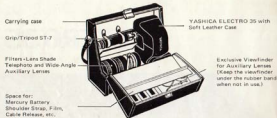
# ELECTRO 35

INSTRUCTION BOOKLET

**35**  
KIT

## YASHICA ELECTRO 35 KIT

## DESCRIPTION OF CONTENTS



The YASHICA ELECTRO 35 with the Grip/Tripod ST-7 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 lenses
- Exclusive viewfinder for auxiliary lenses
- Grip/Tripod ST-7
- Filters (1A & S08) and lens shade
- Cable release
- Mercury battery (5.6V)
- Shoulder strap, film, silicone cloth, etc.



## TELEPHOTO AND WIDE-ANGLE AUXILIARY LENSES

### •Telephoto Auxiliary Lens



Focal length: 58.4mm (in combination with the camera lens); ratio of magnification 1.3X.

Lens composition: Three elements in three groups

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

Mount: 55mm screw-thread mount

Distance conversion scale, exclusive viewfinder (for both the telephoto and wide-angle auxiliary lenses), 72mm screw-in type filter mount, accepts 74mm slip-on type lens shade. No exposure compensation is necessary.

### •Wide-Angle Auxiliary Lens



Focal length: 37.7mm (in combination with the camera lens); ratio of magnification 0.8X.

Lens composition: Two elements in two groups

Angle of view: 61° (in combination with the camera lens)

Mount: 55mm screw-thread mount

Distance conversion scale, exclusive viewfinder (for both the telephoto and wide-angle auxiliary lenses), 72mm screw-in type filter mount, accepts 74mm slip-on type lens shade. No exposure compensation is necessary.



### THE EXCLUSIVE VIEWFINDER

The exclusive viewfinder, designed for use with both auxiliary lenses, features two bright trimming frames which indicate the field covered by the telephoto and wide-angle auxiliary lenses, respectively.

When either auxiliary lens is mounted on the camera lens, sight through the exclusive viewfinder, NOT the camera viewfinder when tripping the shutter.

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

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



WIDE-ANGLE

TELEPHOTO

## FOCUS ADJUSTMENT

(When telephoto or wide-angle lens is mounted on the camera lens.)

Because the use of the telephoto or wide-angle auxiliary lens changes the focal length of the camera lens, the camera-to-subject distance setting must be adjusted accordingly. Refer to the distance conversion scale of the auxiliary lens in use, each time the camera-to-subject distance setting is to be adjusted. In the event of the distance conversion scale coming under the lens barrel (when the auxiliary lens is mounted), unscrew the locking screw and readjust the conversion scale to any of the three positions provided, on the auxiliary lens barrel.



① Sight through the camera viewfinder and turn the camera focusing ring until the two images in the rhomb are superimposed perfectly.



② Read the camera-to-subject distance on the camera focusing ring.

When using telephoto or wide-angle auxiliary lens, proceed as follows:

① If the camera focusing ring shows 3 meters when focus is secured with the aid of the camera viewfinder . . . .



③ Read the corresponding camera-to-subject distance on the distance conversion scale of the auxiliary lens. The red figure opposite it indicates the distance to which the camera focusing ring should be set.

② Refer to 3 meters on the conversion scale of the auxiliary lens, and the reading is "3-2", signifying that the camera focusing ring should be set to 2 meters.



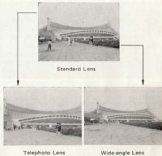
④ Set the camera focusing ring accordingly.

③ Set the camera focusing ring to 2 meters.

Exposure compensation is unnecessary with the auxiliary lens. Please note that the Red arrow/lamp warns against over-exposure and signals for exposure correction by turning the Aperture Ring. And that the Yellow arrow/lamp indicates the exposure is slower than 1/30 sec. when the use of the Yashica Grip/Tripod ST-7 is recommended. When no arrows or lamps light, hand-held photography is safe.

• **Notes on Use of Telephoto and Wide-Angle Auxiliary Lenses.**

1. When using the telephoto or wide-angle auxiliary 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 auxiliary lens cannot be mounted over the camera lens unless the 55mm filter is removed.
3. A 72mm filter can be mounted on the front element of the telephoto or wide-angle auxiliary 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.



**DISTANCE CONVERSION TABLE**

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

**How to Read the Conversion Table**

If, for instance, the camera-to-subject distance measured with the camera viewfinder is 2 meters, draw a line vertically from 2 meters on the camera-to-subject 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 viewfinder is 2 meters, the camera distance scale should be set to 1.2 meters when using the telephoto auxiliary lens, and to 3 meters when the wide-angle auxiliary lens is mounted on the camera lens.



### GRIP/TRIPOD ST-7

The YASHICA ELECTRO 35 offers the advantage of fully automatic setting for long exposures under subdued light conditions. The Grip/Tripod ST-7 permits a 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.



- 1 Camera mounting thumbscrew and ball socket
- 2 Locking screw
- 3 Grip-handle
- 4 Grip adjustment screw
- 5 Base knob
- 6 Foldable tripod legs
- 7 Wrist strap



### HOW TO USE THE TRIPOD

1.



2.



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

## VARIED USES OF THE GRIP/TRIPOD ST-7



• As a Camera Grip for hand-held photography



• As a Tripod (on a flat surface)



• As a Tripod (used against a wall)



• As a Tripod (using as a chest support)



## FILTERS AND LENS SHADE

Supplied in the carrying case are filters and lens shade made exclusively for use with the YASHICA ELECTRO 35. (Filters and lens hood cannot be mounted on the camera lens when the auxiliary lens is in use.)

- Filters (55mm 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 damage.

80B filter for color photography only

When shooting with daylight type color film in artificial light, use this 80B filter. The compensation of the exposure factor is made through the adjustment of the ASA film speed setting. For example, when the film with ASA 100 is used, set the ASA film speed setting dial to ASA 40.

- Lens Shade (57mm slip-on type)

The use of the lens shade 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 screw the cable release into 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.

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