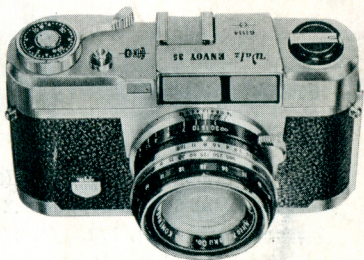


WALZ

35mm ENVOY CAMERA





WALZ
35
ENVOY

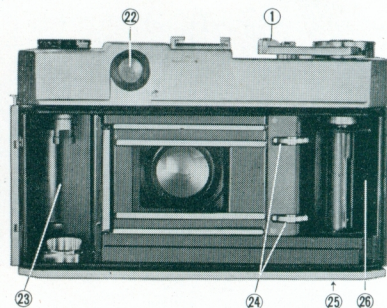
Your WALZ 35 mm ENVOY Camera is an outstanding achievement in advanced mechanical and optical design and precision.

Before using your WALZ ENVOY Camera, study the operating instructions carefully. The WALZ ENVOY is a modern high speed precision camera with a high speed precision lens. Practice the operations of your camera with a few trial rolls of film before using for your first important picture taking event. Become thoroughly familiar with each operation and function of the camera — and then you're ready for action.

There are many wonderful days of superb picture-taking ahead for you with your WALZ ENVOY Camera—a delightful companion and precision photographic instrument of which you will always be proud.

The SEVEN-ELEMENT S-KOMINAR LENS F:1.9

The "heart" of your camera is the famous Seven-Element, 48mm, S-Kominar f:1.9 Lens. One of the World's finest lenses, the S-KOMINAR F:1.9 is hard-coated and fully color corrected. New rare earth optical glass Seven-Element formula provides needle-sharp crisp pictures and high resolving power with compact lens construction.



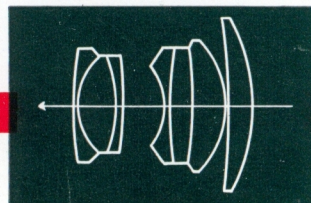
WALZ 35^m ENVOY CAMERA f:1.9

DESCRIPTION OF PARTS

- | | |
|--------------------------------|---|
| 1. Rapid Wind Lever | 16. Locking Catch |
| 2. Shutter Release Button | 17. Aperture Scale |
| 3. Film Counter Adjusting knob | 18. Focusing Lever |
| 4. Film Counter | 19. Shutter Speed-diaphragm coupling ring |
| 5. Depth of field scale | 20. Shutter Speed Scale |
| 6. Distance scale | 21. Synchronizing lever for M and X synchronization and Rangefinder |
| 7. Eyelet for Neck Strap | 22. Eyepiece of coupled View |
| 8. EV-LV ring | 23. Film Chamber |
| 9. Lens | 24. Sprocket |
| 10. Selftimer | 25. Rewind Button |
| 11. Accessory shoe | 26. Take-up spool |

SPECIFICATIONS

- Lens: S-Kominar Lens 48mm f:1.9 (Seven-Element)
- Shutter: COPAL SVL (EV-LV) with M.X Synchronization and Selftimer.
- Shutter Speeds: B, 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500 sec.
- Diaphragms: 1.9, 2.8, 4, 5.6, 8, 11, 16
- EV-LV Numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
- Coupled Viewfinder and Rangefinder: Three windows with True-View Bright Line viewfinder.
- Film Winding: One Stroke lever advances film, and cocks the shutter in one action.
- Double Exposure Prevention Device.



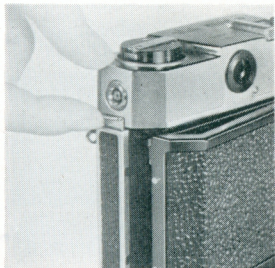


Loading the camera

Standard 35mm film for 24×36 mm negatives is commercially available as black-and-white as well as color film in daylight-loading cassettes of 36 or 20 exposures. Although the cassettes are light-tight, it is advisable not to expose them to strong light. Make a point therefore of always loading and unloading the camera in the shade—even the shadow of your own body will do.

Opening the back

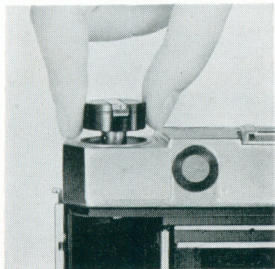
First lift up the lock catch and swing open the back from the body. (Fig. 1)



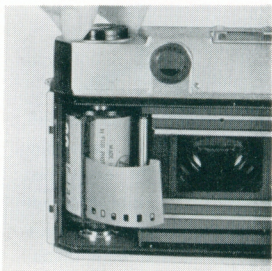
(Fig. 1)

Inserting the Cassette

Pull out the rewind knob and insert the cassette into the film chamber. (Fig. 2)

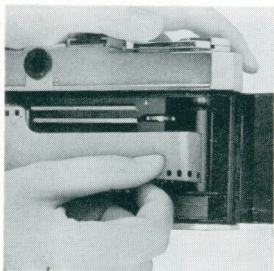


(Fig. 2)



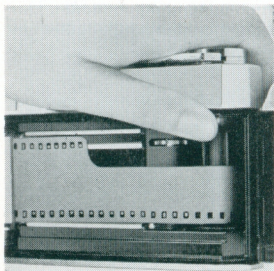
(Fig. 3)

After the cassette is inserted push down the rewind knob so that rewind knob engages with the film cassette. (Fig. 3)



(Fig. 4)

Draw out the trimmed end of the film a short length from the cassette, and push it into the slit of the take-up spool as far as it will go. (Fig. 4)



(Fig. 5)

Now wind the wheel of the take-up spool until both sprockets engage in the perforation of the film. (Fig. 5)

Closing the Camera Back

Swing back the Camera Back and slightly press the back. The back will lock automatically. (Fig 6)

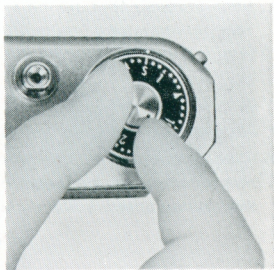


(Fig. 6)

Setting the Film Counter

Every time the film is advanced, the film counter shows the number of exposed frames. It thus advances from S (start) to 37.

After the film has been inserted, set the film counter so that S (start index) aligns with the Red Dot. (Fig. 7)



(Fig. 7)

Advance the rapid winder three times and now the figure 1 will be opposite the Red index mark and the film is ready for the first exposure.

(Fig. 8)



(Fig. 8)



The Aperture-Speed Settings

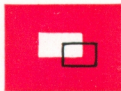
The WALZ ENVOY "35" is equipped with new one motion Exposure Value (Light Value) System (EV-LV) shutter. All there is to be done is to set the Exposure Value (EV-LV) ring to your required EV number.

For example, first of all determine your EV-LV number by using an Exposure Meter. If EV number 13 is required then turn the EV-LV ring and set the figure 13 to the Red index (triangle). The shutter speed and diaphragm ring will turn simultaneously thus giving the proper combination. You can now shoot,, unless you wish to use a different shutter speed (e.g. for moving subjects) or a different aperture (for greater depth of field),

In that case simply turn the milled ring provided between the shutter speed scale and diaphragm scale, to the required speed or aperture; the corresponding aperture or speed respectively can be read off immediately. Be sure that the shutter speed scale clicks into position. (Fig. 9)



(Fig. 9)



Focusing the subject

Is particularly easy with the WALZ ENVOY "35": In the center of the bright-line frame finder you can see the bright circular range finder field.

When the rangefinder is not correctly focused on the subject, the latter appears with double-outlines in the rangefinder field (See Fig. 10)

Turn the focusing lever until the double outlines in the rangefinder field combine into one. This sets the lens exactly to the measured distance. (Fig. 11)

With horizontal shots, focus always on vertical outlines; with upright shots use horizontal lines of the subject.



(Fig. 10)



(Fig. 11)



Taking pictures

The WALZ ENVOY "35" should be held firmly in both hands with the bottom edge resting in the palms of the hands. When the shutter is released hold the camera steady with the left hand.

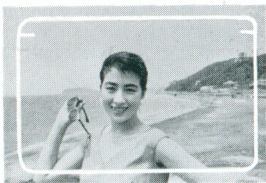
Release the shutter gently and deliberately without jerking it, moving the first finger only and not the whole hand. Allow the finger to rest on the release button until the release action is completed. Remain perfectly still and composed while taking a picture, especially when taking snapshots. If you follow these rules you will be delighted with the excellent result achieved.



The True-View Bright-Line Viewfinder

This really unique bright line viewfinder not only shows the subject in full natural size but also has a marvellous brilliant image frame which clearly outlines the exact field of view.

Note that with near subjects at about 3 feet from the camera the field of view in the finder indicated by the two short marks in the bright-line frame. Therefore, for subjects closer than 3 feet, to avoid parallax error, center the subject within this two short marks. (Fig. 12)

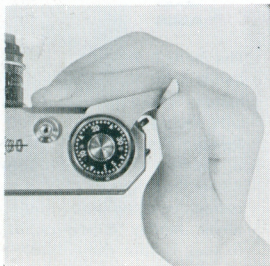


(Fig. 12)



The Rapid Winding Lever

One full movement of the lever cocks the shutter, and advances the film and the film counter. A spring then returns the lever to its original position. An automatic lock prevents the rapid winder from being operated a second time before the shutter is released. Conversely, the shutter can only be released after operating the rapid winding lever. This prevents both double exposures and blank frames. (Fig. 13)



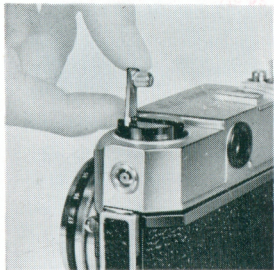
(Fig. 13)



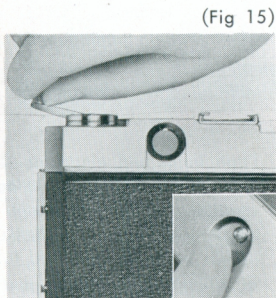
Unloading

After the last frame the exposed film must be rewound from the take-up spool into the daylight cassette:

Pull up the rewind crank from the rewind knob. With your left thumb press down the rewind button and with your right fingers turn the crank clock-wise. The rewind button must be kept pressed down while rewinding. Just before the rewinding operation is completed a more marked resistance will be noticeable indicating that the end of the film is still held by the take-up spool. A few more turns will wind the film completely into the cassette. The cassette can then be removed from the camera. (Fig. 14 & 15)



(Fig 14)





Flash Shots

The COPAL SVL shutter permits synchronized flash shots at all shutter speeds up to the fastest shutter speed of 1/500 second with any flash gun or electronic flash unit on the market.

Small light-weight units such as the WALZ FLASH MASTER M5-25 battery-capacitor flash gun can be fitted directly into the accessory shoe of the camera. Larger flash guns or the flash holders of electronic flash units are generally fitted to the side of the camera by means of a special bracket.

The flash cable completes the electric circuit between the flash unit and the camera shutter. Push the plug of the flash cable into the flash terminal (Fig. 16)



(Fig. 16)

M-X

Setting the Shutter and Aperture

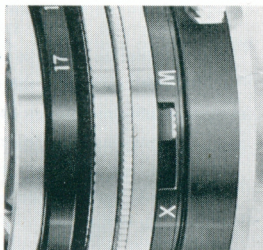
Flash bulbs and electronic flash units differ in the characteristics such as the firing delay and light output; the table classifies shutter speeds with different type flash bulbs. To ensure that the peak brightness of the flash coincides with the instant when the shutter is fully open, there are two types of synchronization: "M" and "X".

Before taking a flash shot therefore move the synchronizing lever of the shutter to "M" or to "X", as required. You can then use all types of flash bulbs and the shutter speed as shown in the table.

Setting M.

For example: when using M-type flash bulbs, set the "M" "X" Synchronizing lever to "M". Shutter Speeds from 1 sec. to 1/500 sec may be used to ignite the bulb.

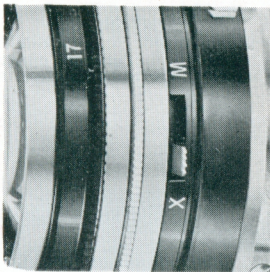
(Fig. 17)



(Fig. 17)

Setting X.

When using F-type flash bulbs, Set synchronizing lever to "X" and use shutter speeds from 1 sec. to 1/50 sec. For electronic flash, set lever to "X" and shutter speeds from 1 sec. to 1/500 sec. may be used (Fig. 18)



(Fig. 18)

	"M.X" Lever	Shutter Speeds
M-type Bulbs	M	1 sec. fo 1/500sec.
F-type Bulbs	X	1 sec. to 1/ 50sec.
Electronic Flash	X	1 sec. to 1/500sec.

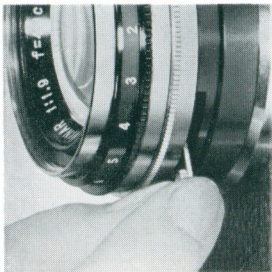


The Self-timer

When you have set the correct aperture-speed combination and the distance and have cocked the shutter, set the synchronizing lever to "X" and set the self-timer lever to left "V" facing the lens. On pressing the release, the shutter will now run down on its own after a delay of about 10 seconds, giving you enough time to get into the picture. (Fig. 19)

ATTENTION :

Selftimer cannot be used with "M" setting.



(Fig. 19)



Aperture and Depth of Field

The depth of field covers that part of the subject area in front of, and behind the focused distance which appears acceptably sharp in the picture. The extent of this sharp zone is by no means constant: it increases the more you stop down the lens, and decreases the larger the lens aperture. The available depth of field zone is easily determined. After you have set the lens to the correct subject distance, look at the depth of field scale. This carries two series of aperture numbers arranged symmetrically to the left and to the right off the red dot index. The depth of field extends from the distance marking opposite one of the left hand aperture figures to the distance marked opposite the corresponding right hand aperture (Fig. 20)

In short: Large apertures (e. g. f/1.9) yield limited depth of field; Small apertures (e. g. f/16) yield greater depth of field.



(Fig. 20)



WALZ Lens Hood

This indispensable camera accessory protects the lens against objectionable side light, simplifies the selection of shooting position and increase picture brilliance. It is especially effective as a shield when taking snow, rain and water sport pictures. The WALZ ENVOY "35" will take a size $46\frac{m}{m}$ (#126 Screw-in) lens hood. It may be attached in front of the lens. (Fig. 21)



(Fig. 21)



WALZ Filters

In order to produce better pictures, it is recommended that you use filters. You may attach any of the WALZ FILTERS (Size $46\frac{m}{m}$ # 126 screw-in) to the front of the lens.

Here are some of the WALZ FILTERS available:

For Black and White films :

WALZ YELLOW FILTER or wY2: Normal contrast correction for Pan and Ortho films. For White clouds, and darker sky. Ideal for landscapes and sunsets.

WALZ RED FILTER or wR1: For dramatic contrast. Pronounced cloud effects. Excellent for fog, haze, and mist. Use with Pan or Infra Red films.

WALZ GREEN FILTERS or wG: Correct tonal rendering of flowers, scenics, foliage, trees, etc. Use with pan films.



As scene appears to the eyes.



Appearance when photographed without filter.



Appearance when photographed with WALZ Yellow Filter or wY2.

For Color Films :

WALZ SKYLIGHT FILTER (1A): Use in open shade or on cloudy days to eliminate haze and absorb ultra-violet and blue with daylight color films.

WALZ TYPE F FILTERS (85C): Use to convert Type F color films to daylight use.

WALZ CLEAR FLASH FILTER B7 (80C) or Walz Flash: Use to convert daylight color films to use with clear flash bulbs.

WALZ MORNING & EVENING FILTER (82A): Use with daylight color films before 10 A.M. and after 3 P.M. to reduce redishness. Also use to convert Type F color films to use with Photo Flood Lamps.

WALZ TYPE A FILTER (85) or Walz Daylight (A): Use to convert Type A color films to daylight use.



Care of the Camera and Lens

Successful results and long life of your WALZ ENVOY "35" depend largely on proper care and correct operation.

- ★ Therefore always handle the camera gently, and never use force. In particular, protect the camera against hard knocks, and do not drop it. If you travel by car, do not keep the camera in the glove compartment or on the rear parcel ledge.

- ★ To protect your Lens from DUST, etc. It is recommended that you always have on WALZ SKYLIGHT FILTER.

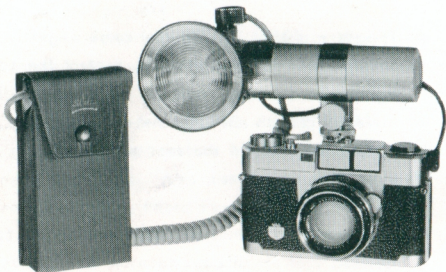
- ★ For cleaning the lens use only a soft fluffless cloth. However, first remove coarse particles of grit (or sand at the seaside) carefully with a soft sable brush. Finger marks or other traces of grease on the lens surface can be removed with a piece of cotton wool moistened with pure ether.

- ★ In the case of any trouble consult your photo dealer, or mail your camera to the Walz agent in your country.

ACCESSORIES for WALZ ENVOY "35" —

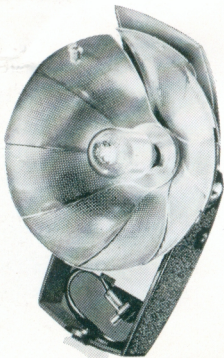
WALZ AUTOFLASH

is the latest development in photographic electronics and will provide you with a lifetime light source for color, black-and-white, and Polaroid Land Photography. It is an economical permanent flash unit for all fill-in shadowless daylight color photography.



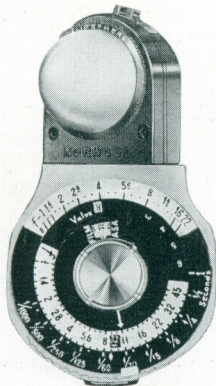
WALZ FLASH MASTER M 5-25

Extremely compact. Efficient $3\frac{1}{2}$ " diameter reflector fan folds into self contained case. Clips-onto camera's shoe. B. C. Circuit. Test lamp. Bulb Ejector. Flash Exposure dial. Custom-designed for the new tiny M-5 and M-25 zirconium-filled flashbulbs.



NORWOOD SUPER DIRECTOR

High-Fidelity Color Exposures every time automatically. Three dimensional incident Light Heliosphere. Exclusive Heliovalve for automatic f:stop readings. Favorite of Hollywood professionals!



WALZ EV-LV EXPOSURE METER

The world's easiest-to-use exposure meter for cameras with EV or LV shutters. Designed specifically for EV (Exposure Value) or LV (Light Value System) Cameras.

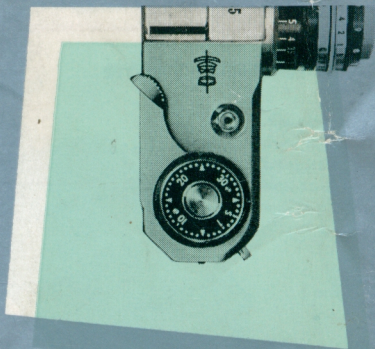
No Complicated Dials!
No. Calculations!
Sheer Simplicity to Use!

Here's all you do!
Set Film Speed.
Point at subject
Set shutter to EV or LV number indicated by needle.





WALZ 35mm ENVOY CAMERA



Precision manufactured by:
WALZ COMPANY, LTD.
Tokyo, Japan

Printed in Japan