

Kodak

*Retina*

REFLEX



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INSTRUCTION BOOKLET

## THE KODAK RETINA

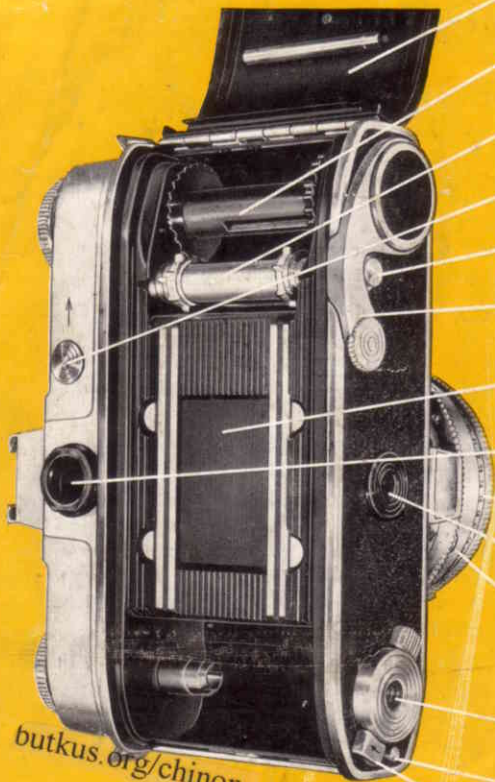
# REFLEX

is the most advanced model of the RETINA series: a genuine single-lens reflex camera for 24×36 mm negatives. It features a full-size ground glass screen, split-image rangefinder, and built-in exposure meter with precision scale. Like all RETINA models, this camera is very easy to use. And you have the special convenience of the ground glass screen: the screen shows exactly what the film will record, whatever the focal length of the lens you are using.

The brilliant screen image is upright, the right way round, and completely free from any parallax error at all subject distances. When you shoot with the standard lens, the screen shows the subject in approximately natural size. You can focus the image either on the ground glass, or with the optically coupled split image rangefinder. With your RETINA REFLEX you therefore have full and immediate control of every subject, and you see the correct view with any lens.

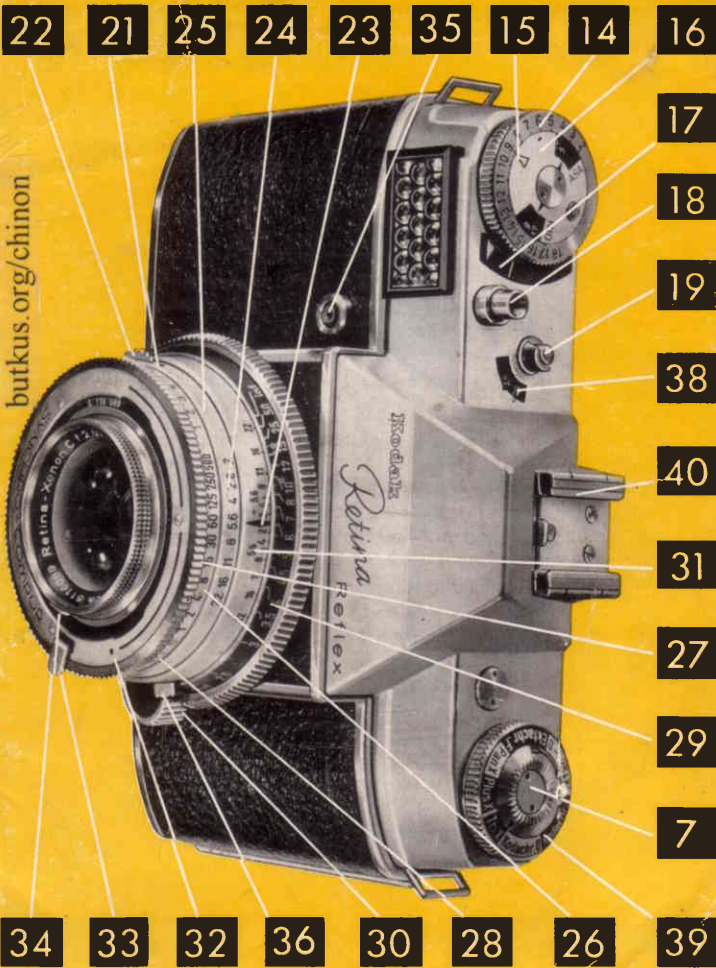
## The Camera Features

- 1 Button to open camera back
- 2 Safety lever
- 3 Tripod bush
- 4 Locating hole for accessories
- 5 Finder eyepiece
- 6 Rapid winding lever
- 7 Rewind knob
- 8 Button to set film counter
- 9 Reversing button
- 10 Built-in take-up spool
- 11 Transport sprocket
- 12 Camera back
- 13 Capping plate
- 14 Exposure meter setting ring
- 15 Red triangular setting index of exposure meter
- 16 Film speed disc of exposure meter
- 17 Exposure meter window
- 18 Shutter release button
- 19 Film release button
- 20 Light value scale
- 21 Light value setting index (red dot)
- 22 Light value setting lever
- 23 Index mark (for aperture, shutter speed and focusing)
- 24 Aperture scale
- 25 Aperture setting ring
- 26 Shutter speed scale
- 27 Shutter speed setting ring
- 28 Green seconds scale
- 29 Distance scale
- 30 Focusing knob
- 31 Depth of field scale
- 32 Red dot on bayonet ring
- 33 Safety catch
- 34 Red dot on lens mount
- 35 Flash socket
- 36 Synchronizing and self-timer lever
- 37 Locking lever for synchronization and self-timer
- 38 Film counter
- 39 Film indicator
- 40 Accessory shoe



- 12
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- 2

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## Changing Partly Exposed Films

If you want to unload a partly exposed film (e. g. to change from black-and-white to KODACHROME), rewind the film into its cassette as described on page 19. However, take care not to draw the trimmed film leader completely into the cassette; stop rewinding immediately the reversing button (9) ceases to rotate. Also, remember to note on the beginning of the film leader the number of the last exposure read off the film counter.

When reloading the partly exposed film, proceed as described on page 16. As before, set the film counter to the  $\blacklozenge$  mark before No. 20 or 36. Close the camera back and advance the film by alternately working the rapid winder (6) and pressing the film release button (19). On no account press the shutter release (18)! Carry on until the film counter indicates the same number at which you originally unloaded the film. To be on the safe side, advance the film by an extra frame.

## A Final Hint:

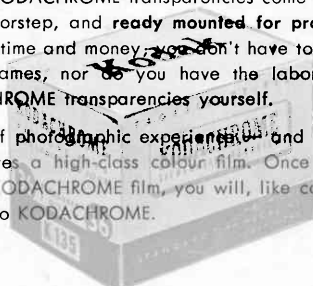
# KODACHROME in the RETINA REFLEX

Every real photographer longs for colour — to capture the wealth of hues of nature as colourfully as it is in reality. Nothing is easier! KODACHROME film opens up a new and gloriously beautiful field of photography. It is the miniature film used for colour photography in all five continents.

**The outstandingly faithful colour rendering** of KODACHROME film is probably the most decisive point in its favour, and the main reason why it is so popular with amateurs as well as professional photographers. Everybody is thrilled by the lifelike natural colours.

But our **prompt processing service** has equally become a convenience no KODACHROME user wants to do without. You take the pictures, the Kodak processing laboratories do the rest. Within a few days your KODACHROME transparencies come back by post right to your doorstep, and **ready mounted for projection**. This saves you both time and money, you don't have to buy separate transparency frames, nor do you have the laborious job of mounting KODACHROME transparencies yourself.

Colour is the fulfilment of photographic experience, and your high-class camera deserves a high-class colour film. Once you have exposed your first KODACHROME film, you will, like countless others, always stick to KODACHROME.



# Kodak Retina Reflex Camera

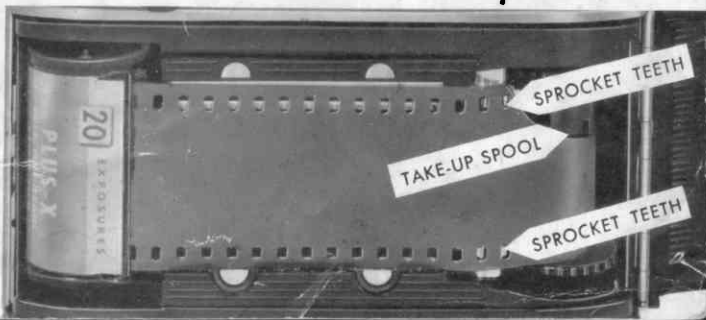
• The accompanying instruction manual is that supplied with cameras sold abroad. Mail the post card packed in the envelope; we will send a new manual, now in preparation.

This insert serves to supplement and clarify certain topics and procedures described in the manual. Read the manual and this insert carefully for best results in operating your camera.

## Inserting the Film (page 16)

Film manufactured by the Eastman Kodak Co., Rochester, N. Y. is of sufficient length to allow loading the camera by a variation of the method described in the manual. Therefore, the following is recommended to provide positive film advance: After drawing the film across the film track, inserting the cassette in the cassette chamber, and pushing back the rewind knob, as in the manual, turn the take-up spool by its serrated flange until the teeth of both sprockets engage the perforations *on both sides* of the film (see illustration). Close the camera back and proceed as in the manual.

T. M. REG. U. S. PAT. OFF.





## **Synchronized Flash (page 22)**

Kodak flasholders, such as the Kodalite Super-M 40 Flashholder or the Kodak Rotary Flashholder, Type 1, and a Kodak Retina Flashholder Bracket are recommended for use with your camera. The B-C (battery-condenser) method\* of flashing lamps provides powerful electrical energy for accurate synchronization and offers more dependable lamp firing. Connect the bracket cord to the camera by inserting the connector end of the cord in the flash socket of the camera (35). Make certain that the cord tip is firmly screwed in place.

The versatile, compact Kodalite Super-M 40 Flashholder is supplied with interchangeable 3-inch and 4-inch reflectors for greatest efficiency with M-2 lamps and No. 5 or No. 25 lamps.

The Kodak Rotary Flashholder, Type 1 features rapid sequence lamp firing. Six M-2 lamps are preloaded in the magazine and advanced, one at a time, to firing position by rotating the turret.

**With M-2 Lamps**—Set the synchronizing lever at X. Set the shutter for 1 to 1/30 second. Consult the exposure calculator on the flashholder or the table opposite for exposure information.

**With Lamps, such as No. 5 or No. 25**—With the synchronizing lever set at M, exposures can be made from 1 second to 1/500 second. See the table opposite for exposure information.

\*Supplied with the Rotary Flashholder, and available for the Kodalite Super-M 40 Flashholder.

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M-2  
(Rot  
3" F  
tor)

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No.  
No.  
(3"  
tor)

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No.  
No.  
(4"  
tor)

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No.  
No.  
(4"  
tor)

**With Electronic Flash**—Set the synchronizing lever at X. With electronic flash equipment having no lag in the trip circuit, set the shutter at any speed from 1 second to 1/500 second.

**Note:** Do not use units flashed by means of heavy-duty relays or solenoids. Such units may destroy the shutter contacts.

### Auxiliary Equipment

Both Xenon-C and Heligon lenses and components are described in the manual. Your camera is equipped

### Flash Exposure Guide Numbers for Kodak Retina Reflex Camera

To calculate the lens opening, divide the exposure guide number by the lamp-to-subject distance in feet.

| Lamps                               | Selector | Shutter Speeds | FILMS                 |        |       |                       |              |
|-------------------------------------|----------|----------------|-----------------------|--------|-------|-----------------------|--------------|
|                                     |          |                | Pan. X                | Plus-X | Tri-X | Koda-chrome F         | Ektachrome F |
| M-2<br>(Rotary or 3" Reflector)     | "X"      | 1/30           | 70                    | 130    | 200   | 65                    | 80           |
| No. 5 or No. 25<br>(3" Reflector)   | "M"      | 1/30           | 55                    | 95     | 150   | 50                    | 60           |
|                                     |          | 1/60           | 50                    | 90     | 140   | 45                    | 55           |
|                                     |          | 1/125          | 40                    | 75     | 110   | 35                    | 45           |
|                                     |          | 1/250          | 35                    | 60     | 90    | 30                    | 35           |
| No. 5 or No. 25<br>(4" Reflector)   | "M"      | 1/30           | 110                   | 200    | 300   | 95                    | 120          |
|                                     |          | 1/60           | 100                   | 170    | 280   | 85                    | 110          |
|                                     |          | 1/125          | 80                    | 140    | 220   | 70                    | 90           |
|                                     |          | 1/250          | 65                    | 110    | 170   | 55                    | 65           |
|                                     |          | 1/500          | 45                    | 80     | 130   | 40                    | 50           |
| No. 5B or No. 25B<br>(4" Reflector) | "M"      |                | Kodachrome (Daylight) |        |       | Ektachrome (Daylight) |              |
|                                     |          | 1/30           |                       | 50     |       | 90                    |              |
|                                     |          | 1/60           |                       | 45     |       | 80                    |              |
|                                     |          | 1/125          |                       | 35     |       | 65                    |              |

with the Retina Xenon-C lens. Only Longar and Curtar lens components can be used with this lens.

Certain other auxiliary equipment described in the manual is not now available in this country. Mail the enclosed post card for the new manual now being prepared; a complete, up-to-date listing of available equipment appears in this publication.

## **GUARANTEE**

Within a year after purchase, any repairs necessary to this Kodak Retina Reflex Camera due to a defect in materials or workmanship will be made or, at our option, the camera will be replaced without charge. No other warranty or guarantee, express or implied, shall be applicable to this equipment. Nor are we responsible for loss of film, for other expenses or inconveniences, or for any consequential damages occasioned by the equipment.

In case of unsatisfactory operation, the camera should be sent directly or through a Kodak dealer to Eastman Kodak Company or a repair firm authorized by us to make such repairs. It should be accompanied by a description of the trouble encountered and other available information regarding the camera, including the date and place of purchase.

**EASTMAN KODAK COMPANY**  
**Rochester 4, N. Y.**