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# OWNER'S MANUAL



**AUTO-EYE**

**MODEL II**

*Automatic 35 mm Camera*



1. Rapid film advance lever
2. Frame counter
3. Shutter release
4. Built-in, photo-electric exposure meter
5. Large size 1:1 brightline viewfinder and exposure control needle
6. Accessory shoe for flashgun
7. Rewind knob with film type indicator
8. Flash contact for flashgun or electronic flash
9. High-speed, coated and color-corrected Schneider Radionar L f/2.8, 45 mm lens of lanthanum glass  
(Diameter for slip-on filters: 32 mm)



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**① OPEN BACK.** Pull down the locking bar with your fingernail. Hinged back will spring open. You can now load a 20-exposure or a 36-exposure cassette of 35 mm film (size 135). For best results in shooting black & white, we recommend ADOX KB 14, KB 17 and KB 21 films.

**② LOAD CASSETTE.** Pull out rewind knob and drop in cassette as shown. Push rewind knob back in and rotate slightly if necessary till it is seated firmly.

**③ THREAD ON TAKE-UP SPOOL.** Turn the take-up spool by its milled disc till the wide slit with a hook shows. Pull out about 4" of film — enough to reach the take-up spool — and insert free end in slit catching one perforation on the hook. Turn spool in direction of arrow till film is taut and a perforation engages with a tooth of transport sprocket.

**ADVANCE FILM.** With camera back still open, advance film transport lever one full throw, watching to make sure film is advancing smoothly without slipping. Close camera back. Depress shutter release on top of camera — you will hear the shutter click.

# READ THIS FIRST

Follow these simple instructions, and you will take perfect pictures with your FR AUTO-EYE Model II. The automatic action completely eliminates human error. Even if you have never used a camera before, your photos will be professionally exposed by following this simple sequence: **Center the Needle ... Focus ... Aim ... Shoot.**

The instructions are arranged in normal operating order ... loading with film, setting, taking pictures, and unloading. However, before you put film in the camera, it would be a good idea to rehearse your picture taking procedure. Spend five or ten minutes „pretending“ to take pictures to familiarize yourself with the camera.

After that, you can load your FR AUTO-EYE II with film and get perfect pictures from your very first shot!

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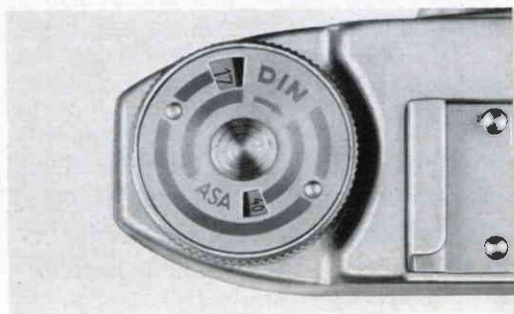
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4 SET FILM SPEED RING. Your film has an ASA Number (speed rating) listed on the directions in your film carton. Depress catch on setting ring on left side of camera barrel and rotate ring till black arrow on the right side of the barrel points to the ASA number of your film. Release catch and be sure arrow and number click-lock together. The DIN numbers indicate equivalent European film-speed rating system.

5 SET FRAME COUNTER. Depress and turn milled frame counter knob till frame counter shows the red 22 if you have loaded a 20-exposure cassette ... the red triangle if you have loaded a 36-exposure cassette. Advance film transport lever and depress shutter release key twice. You are ready to take pictures. The frame counter shows you how many shots are on your roll.

6 SET FILM SPEED REMINDER. Turn plate atop rewind knob till window shows the speed of film you have loaded.

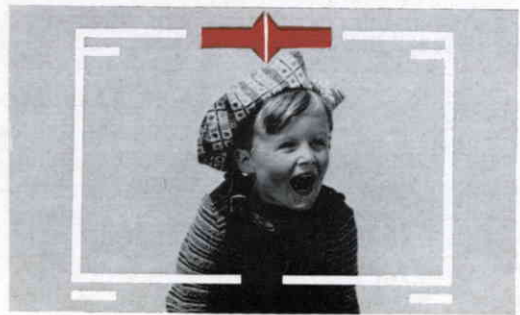
Hold camera as illustrated for portraits, groups, or landscapes, and the electric eye will read the amount of the light reflected. **For portraits**, come close and point the camera at skin tone. Be careful not to tilt the camera toward the sky, and don't cast your own shadow on the subject while you are taking a reading. **For groups**, stand further back and follow the same procedure. **For**



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**landscapes**, aim the camera downward toward a point midway between your feet and the horizon line.

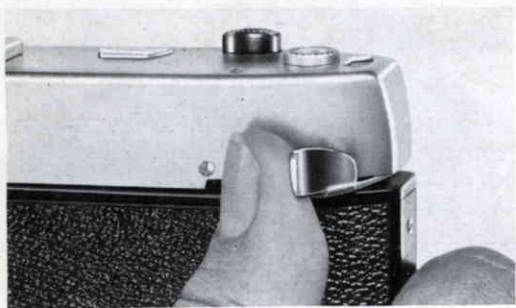
If it is impossible to come close enough to your subject to take a reading as described above, aim your camera in the general direction of the subject and hold your hand about 12 inches in front of the meter.

### How to take perfect pictures with your FR AUTO-EYE II

**7 CENTER THE NEEDLE.** Holding the camera as we have just described, look through the viewfinder and rotate the outer knurled ring until the needle in the red area above your frame lines is centered. Or you may center the needle in the window circled in the illustration. The yellow section of the barrel with the sun symbol is to be used for normal daylight exposure. Once the needle is centered, the camera is set for perfect exposure. If you cannot center the needle, there is not enough light for picture-taking with the film you are using.

**8 FOCUS.** The green numbers on the outer ring mean feet — the black numbers mean meters. Estimate the distance (for close-ups, it's better to measure) between the camera and your subject and set the outer ring so the black diamond points to your distance. The two red depth-of-field guides show the near and far limits of sharp focus for this setting.

**9 FRAME AND SHOOT.** Sight through the viewfinder and frame your subject in the white lines. If the subject is 10 feet or nearer, use the lower set of lines as a guide. Then advance film transport lever one stroke, press the shutter release key, and you've taken your picture.



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**10** NOTE: Shutter cannot be clicked unless film transport lever has been advanced — this prevents double exposure. Film transport lever cannot be advanced unless shutter has been clicked — this prevents blank frames.

## When it's too dark

**11** If you cannot center the needle, turn the diaphragm ring to the red area with the flash symbol. Now set your lens aperture manually and use either flash bulbs or electronic flash. Or, rotating the ring completely to the left to the B 22 setting, you may keep the shutter open for as long as the shutter release is held down. This is called a time exposure and should be done with a tripod.

## Using flash

If you use flash bulbs and flashgun instead of electronic flash, follow the instructions that come with your film or your flashbulbs, bearing in mind that your FR AUTO-EYE will shoot flash at 1/30th of a second shutter speed.

## Using filters

There are certain times when you may want to use filters. Your FR Dealer will explain how they enable you to use indoor color film outdoors and vice versa, and how they help achieve special effects.

Most filters reduce the effective ASA rating of the film in your camera. The extent of this reduction is indicated by a filter factor number. When you use a filter for outdoor photography, it is important to adjust the film speed ring of your camera to the lower ASA number. Don't forget to return the speed ring to its original setting when you remove the filter.

To determine the reduced ASA rating, divide the filter factor into the present ASA rating. For example, with a filter factor of 2 and an ASA of 100, the new ASA setting should be 50. A filter factor of 1 causes no change.

## Unloading your FR AUTO-EYE

When you have taken the last picture on the roll, the frame counter will point to zero. To unload the camera and take out the film, follow this simple procedure:

- 12 Depress the clutch release, the small black button on the bottom of the camera, and hold it down.

Turn the rewind knob in the direction of the arrow until you will feel a release of tension on the knob as the film comes off the take-up spool. Give the knob one more turn, open the back of the camera, pull up the rewind knob, and remove the cassette. This last part is simply a reversal of loading the camera.

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**A word about the  
FR  
CORPORATION  
and photography**



For more than a quarter of a century, the name FR has meant quality, reliability, and fair price to this country's legion of professional and skilled amateur photographers. Today, as more and more people are learning the joys of "shutterbugging", the FR shield has become a hallmark for the inexperienced hobbyist to rely on . . . a built-in insurance that the equipment he is buying is soundly built, honestly priced, and thoroughly tested.

As your photographic skills increase, your FR Dealer will be able to introduce you to the future pleasures this camera can bring. Whether it's a filter or a projector, a flash gun or a home developing kit, he can advise you . . . and he can supply you.

Look for the FR sign for your photographic needs. It's your guarantee of quality.

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