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INSTRUCTIONS

THE Minolta "16"





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THE Minolta "16"

As big as a pack of cigarettes-as easy to use as a box camera.

Handsome as a cigarette case, smart as a powder compact, the Minolta 16 fits in pocket or purse. No focusing necessary—no out-of-focus pictures possible.

A single loading produces **20** pictures.

The replaceable magazine lets you load in daylight—in minutes.

AUTOMATIC FEATURES

No winding, the film advances automatically.

The negatives space themselves uniformly.

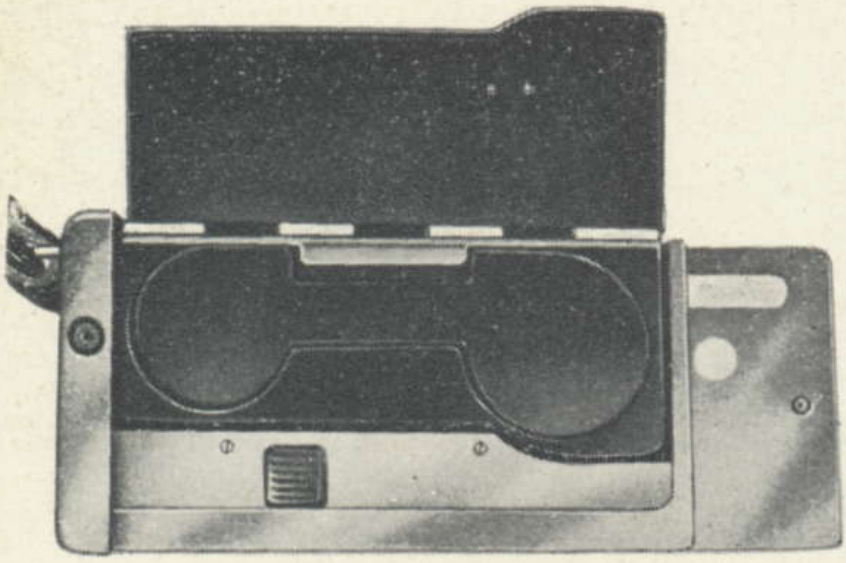
A pressure plate keeps the film flat during exposure then drops out of the way for the next picture.

As the film advances the shutter sets itself so you can repeat a shot almost instantaneously.

LOADING the
Minolta "16"

The simplest way to load the Minolta 16 is by means of the disposable Minolta 16 film magazine. These film magazines are wrapped in light-proof paper and come in self-mailing boxes for your convenience. Loading and unloading should take place in a dim light as fast as possible.

1. Take the film magazine out of its box and unwrap it. But keep the box and wrapping to mail the film after all 20 pictures have been exposed.
2. Press the outer-case clasp (I), and pull out



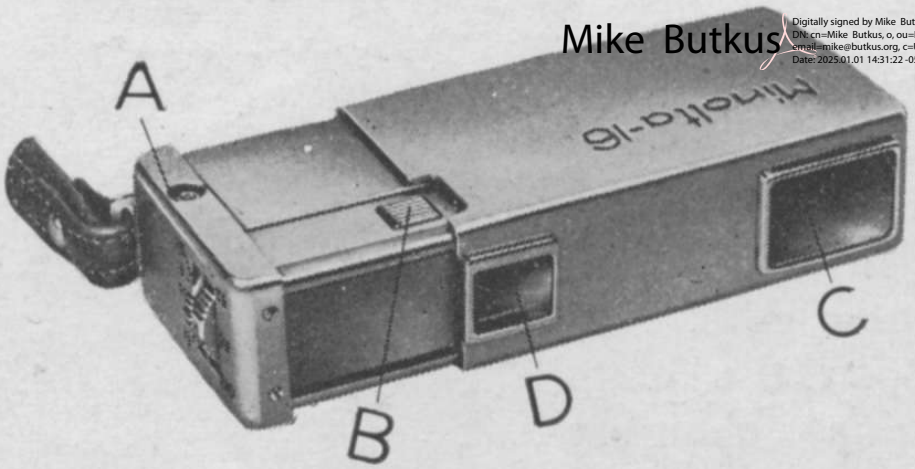
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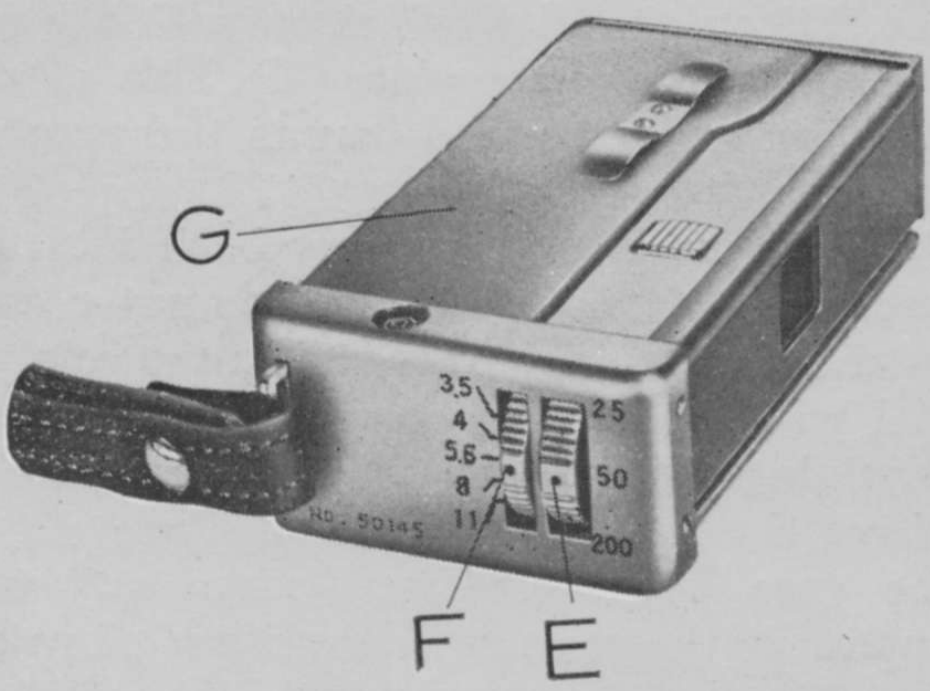
the main camera body by the leather cord to detach it from the outer case.

3. Open the magazine chamber door (G).
4. Insert the magazine into its chamber and close the door. Be sure that the magazine is in straight and that the door is closed properly.
5. Turn the counter dial (J), clockwise until the "S" on the dial coincides with the red dot on the operation plate (K). This spaces the frames evenly and counts the number of pictures left to take.
6. Push the main camera body back into the outer case until the clasp on the outer case catches. At this point the "S" on the counter dial will appear in the counter dial window, adjoining the red dot on the outer case.
7. Move the main camera body in and out of the case 3 times. The figure "20" will appear in the counter dial window showing that the first film is in position and that there are 20 pictures left to take.

Mike Butkus
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A. Synchro Terminal
B. Shutter Release
C. Viewfinder
D. "Rokkor" f/3.5 25mm Lens

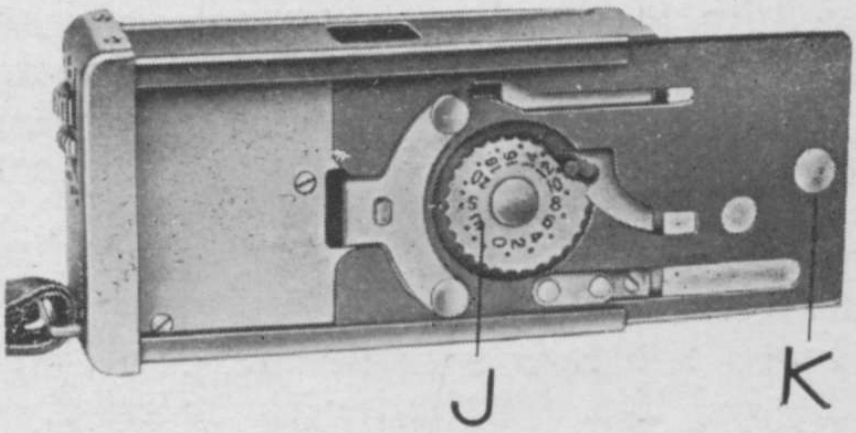


E. Shutter Speed Adjustment
F. Iris Opening Adjustment
G. Magazine Chamber Door

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H. Counter Dial Window
I. Outer-Case Clasp

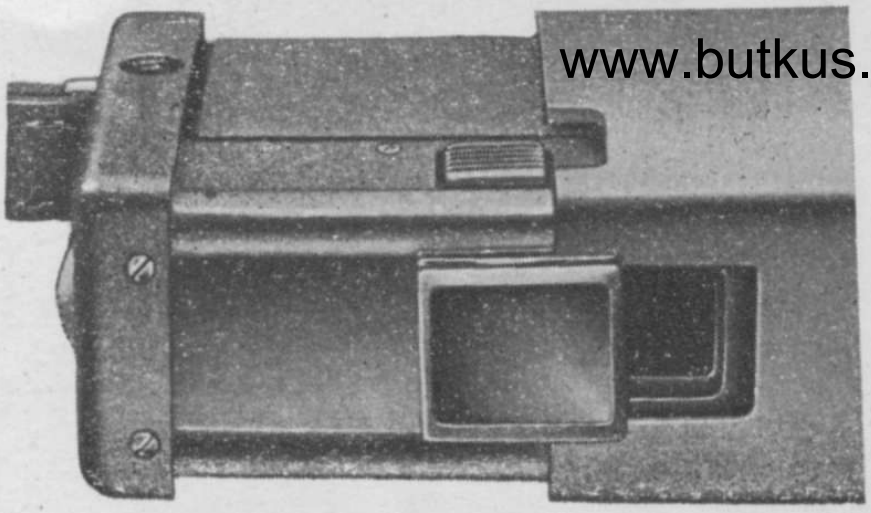


J. Counter Dial
K. Operation Plate

TAKING PICTURES with the Minolta "16"

1. Adjust shutter speed (E).
2. Adjust lens opening (F).
3. Look through viewfinder (C) to compose picture, and press shutter release (B) to take picture.
4. For flash pictures, plug the cord of the flash unit into the synchro terminal (A). The shutter speed should be $\frac{1}{50}$ or $\frac{1}{25}$ sec. for F class bulbs, $\frac{1}{25}$ sec. for M class, and all speeds for electronic flash.
5. After pressing the shutter release, push the main camera body all the way back into the outer case. (No other picture can be taken until this is done, since the shutter is not wound until the camera body is pulled out again. This prevents double exposure, because the film is simultaneously transported to the next frame.) Now pull the main camera body out by its leather cord as far as it goes. This single in-and-out movement has performed **4** operations.
   A. Wound the shutter.
   B. Transported the film.
   C. Moved the lens into taking position.
   D. Allowed the viewfinder to be used.
6. To use a filter or a close-up attachment lens, simply insert it into the taking window of the outer case. In this position it will not interfere with the movement of the camera body in and out of the outer case.

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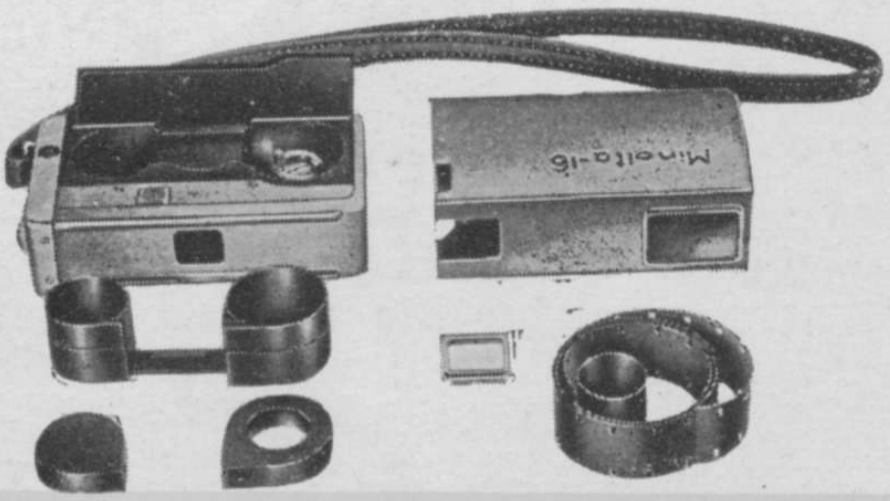


7. Keep on shooting until the "O" appears in the counter dial window. This means that the last film is in position to be exposed. After exposing the 20th film, push the camera body in and out of the outer case 3 times. At this point an "E" will show up in the counter dial window, indicating that the magazine may be removed from the camera.
8. To remove the exposed magazine, just follow steps 2 and 3 under "Loading" then remove the magazine and re-close the camera as in step 4.

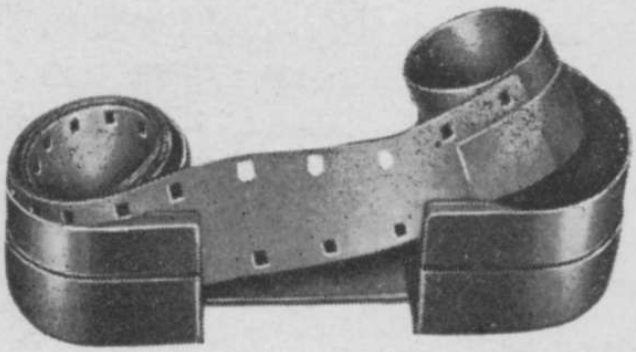
The lens of Minolta-16, being only 25 mm in size has a very great depth of field, so that anything photographed, from within a few feet of the camera to infinity will be in sharp focus. Especially the sharpness shows its height when the subject is taken at 15 feet away from the camera. For taking close-up pictures, use the close-up attachment lens No. 1 for 3.3 feet (plus or minus 4 inches) or No. 2 for 2 feet (plus or minus 2 inches) according to your need.

LOADING BULK FILM into MAGAZINE

If you prefer to use bulk 16mm film and load your own magazine, proceed as follows performing all the operations in a darkroom :



1. Cut off an 18" (45cm) length of 16mm film.
2. Wind the film strip into a small roll with the emulsion inside.
3. Take the film winding drum out of the magazine, place both drum and roll of film on end on a flat surface, and fasten the outer end of the film strip to the drum with a piece of pressure-sensitive Cellophane tape.



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4. Wind the film around the drum for 1 ½ turns, making sure that the film goes in a straight line.
5. Simultaneously place the film roll into the smaller chamber and the drum into the larger chamber of the magazine, slipping the film between the two chambers into the slots at the edge of each chamber. Check again to see that the film travels across the magazine bridge in a straight line and not on a slant. Then close the lids of both chambers. After closing the lids apply a piece of pressure-sensitive cellophane tape on around the chambers to fix the lids. This process may be done under subdued light (never in direct light).
6. If the magazine is not immediately loaded into the camera, wrap it in light-tight paper.

Accessories Available

1 Filter Kit (UV, Y48, 81A, and 80A)
2 Close-up Attachment Lens (No. 1 or No. 2)
3 Minolta Baby Flash with clamp
4 Projector
5 Enlarger
6 Developing Tank



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