Minolta means better pictures

Minolta

MINOLTA CAMERA CO., LTD.

Printed in Japan

MEMO

Minolta Film Magazine

Empty magazine are available from your Minolta Dealer if you desire to load your own magazine.

3 in 1 Enlarger

This enlarger is designed primarily for use in enlarging Minolta 16mm negatives. However, accessories are available to enlarge 5.5mm and 7.5mm negatives.

Accessories

- MF Holder
  This compact, high efficiency holder has been designed for exclusive use with the 16MG.

- Filters (FF)
  Filter for use with color or black and white film. To be used when shooting on the beach or in mountain areas. The filter absorbs ultraviolet rays. There is no filter factor.

148 Filter
  For use with black and white film when shooting at the beach, snow, and in other burst photography. The filter factor is 1.8.

Programmed Shutter

The 16MG is equipped with a programmed shutter. This is a mechanism which sets the best shutter speed/aperture combination according to the brightness of the subject to be photographed.

In operation, the alignment of the silver indicator and the red needle sets the programmed shutter.

The diagram indicates the relation between the shutter speed and aperture for each EV number.

The EV range of the programmed shutter is 8-16.

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Film Speed Window

Back Cover Opening Knob

Syncro Terminal

Finder Funnels

Shutter Speed Hole

Shutter Select Button

Holding the Camera

The most important step is the proper use of the Minolta 16MG in holding the camera properly. If the camera is not properly held, if it is aimed in a wrong position, you will not obtain sharp negatives.

The camera may be held horizontally or vertically. Press the camera lightly to your face keeping your hand held against your body. Then release the shutter gently.

Why not practice these basic steps before loading the camera.

4. Set diaphragm/shutter. Rotate the exposure ring so that the diaphragm indicator in the window is aligned with the red needle. Be sure the synchro select button is set at the Q mark.

5. Look through the viewfinder compose the picture and shoot. For close-up photography use the built-in close-up lens (see page 14).

Note: The lens cap is built into the camera body. It is recommended to keep the lens cap closed when the camera is not in use. When the lens cap or close-up lens is covering the lens, there is a red signal on the left side of the viewfinder. The shutter cannot be released if the lens cap is in place or if either the cap or close-up lens are not properly set.
Names of Camera Parts

Exposure Counter
Film Advance Wheel
Shutter Release Button
Spring Terminals for
WD. Eye
Close-up Lens Focus
Lens Cap Knob
Close-up Lens Knob
Exposure Meter
F Number Index
Tension Spring
Seamless Cap
Booster Lens

Major Specifications

Type: Super Minolta Camera with a Picture Size of 10 x 14 mm for 35mm film
Film: Roll film 1200 mm F2.8, 4 elements in 3 groups
Shutter: Programmed Shutter with Double Cover Shutter Speed 1/30 to 1/250
Operation Range: EV 5-16 (ASA 100 film)
Synchron Contact: X Contact at 1/30 second
Exposure Meter: Selective Meter of the Follow-up Needle Type
Measurements: TV, AV (ASA 100 film)
Film Speed: ASA 25-400
Focusing: Fixed Focus at 3 m, 10 ft
Enlarged Film: Close-up Lens Set for 3.3 in. 4 in. 5 in. Combined
Kensett: Bright Frame with Parallax Correction Markings
Film Advance: Wheel Type - 120°
Film Counter: Reverse Counter Type, Automatic Return
Accessories: MD Filter (UV, Y, III) Exclusive for Minolta 1000G
Dimensions: 6 x 3.2 x 1.5 in. (W x D x H) 154 x 82 x 38 mm (W x D x H)
Weight: 135 oz. 10.6 oz.

Easy Shooting

1. Load the camera with Minolta 1000 film.
2. Set the film speed setting to correspond to the film which you are using (see page 22).
3. Open lens cap and close-up lens to the right side.

Film Loading

1. Push up the back cover open button. The back cover will come completely free from the camera body so it is advisable to keep the back cover one hand by holding the open button.
2. Insert the film magazine into the film chamber. If the magazine will not seat properly advance the film advance lever until the magazine seats properly in the chamber.
   Note: Film should be loaded in subdued light.
3. Put the film in the magazine chamber, and pack magazine. The pack is to prevent if film coming off.
4. Push the cover on the magazine chamber and pack magazine. Don't push too hard so it is advisable to keep the back cover one hand by holding the open button.

Maintenance and Care of the Camera

If the camera is used at the beach or in a dusty area, there is a possibility that sand or dust may enter the camera body or lens and cause damage or corrosion. Therefore, it is recommendable to take care of your camera so it will give you many years of enjoyment.

Care after Use

When the camera surface of the camera is stained, wipe it with a cloth dampened with benzine. Be careful that benzine does not enter into the inside of the camera or lens. Do not wipe the plastic parts.

When dust is on the lens use a camel's hair brush or a lens cleaner.
Leading Your Own Magazine

1. Make sure that the viewfinder and the magazine holder are properly seated.
2. Turn the camera so that the film can be loaded into it. It is recommended to use one film at a time to avoid contamination.
3. After the magazine is properly inserted, replace the back cover as illustrated.
4. Advance the film advance wheel until it stops. Press the shutter release button. Repeat this action until the red index is aligned with figure 10 in the frame counter. The film advance wheel advances 1/10th of a revolution.

5. Remove bulb by pressing the ejector button. When using a tripod with the flashgun mounted to the camera, mount the tripod to the tripod socket in the flashgun.

2. Exposure Measurement.

- Aim the camera at the subject to be photographed. The red needle in the meter window will move according to the amount of light reflected by the subject. Turn the exposure control ring in either direction until the silver indicator is aligned with the red needle. When the needle is set at the most suitable shutter speed/aperture combination is obtained.

- When adjusting the silver indicator with the red needle be sure to look at the window from above.

The black dot index on the camera body indicates the approximate shutter speed and the red dot index indicates the approximate F-number.

Centar:
- If the red needle moves into the silver colored area on top or bottom in the meter window, it indicates too much or too little light.

If you are using film with a low ASA speed the silver indicator will not move through the entire black area. Do not touch the exposure ring. If the ring is forced the ASA setting will be moved in error.

Framing through the Viewfinder

- When viewing through the viewfinder you will see a white rectangular frame. For normal shooting everything within the white area is in the actual photographic area.

- When using the close-up lens you must compensate for parallax since the picture area moves slightly to the right. Your guide lines for the left side of the picture are the vertical correction marks at the top and bottom.
Frame Counter

As you advance the film a red indicator appears in the frame counter. The frame counter is marked as : 5 4 3 2 1. The counter always indicates how many pictures remain in the camera. When the counter indicates 0 it means you have no pictures remaining, however, it is necessary to advance the wheel until the red indicator is aligned with the 1. Release the shutter and advance film in subdued light.

Exposure Measuring

1. Set the Film Speed. The ASA film speed number should be set on the film speed ring. This number should correspond to the film being used. Turn the film speed ring exposure control ring until it stops. By placing a small amount of pressure on the ring after it stops, the ASA number will change on the ASA ring. The number can be changed by turning the ring in either direction. The ASA film speed ring is marked as follows: 25 50 100 200 320 400. The numbers indicated in the parentheses are click stops on the ring.

2. Mount MG Filters. The MG filters be used with the ME-500 have been designed exclusively for this camera. In order to set the time it is necessary to remove the strap, attach the filter to the camera body as illustrated and put strap back on camera. When using the Yashika timer it is necessary to move the ASA number and set the number on the film speed ring to compensate for the 2X filter factor. Example: If using the 250 ASA film set 50 on the film speed ring.

Note: The close-up lens and the lens cap cannot be used when the filter is in place.

Fixed Focus Lens

The Minolta 35MC has a fixed focus lens and pictures will be sharp from 72 1/2 to 40 inches with close-up lens. When taking close-up shots it is necessary to use the built-in close-up lens. Slide the close-up lens as illustrated. A red indicator will appear on the left side of the viewfinder to show that the close-up lens is in place over the lens. The close-up lens is preset for a distance of 3 1/2 inches. The depth of field chart below indicates area of sharpness when focused 3 1/2 inches from camera with close-up lens.

Unloading Film

After taking 20 pictures continue advancing the film advance wheel until the red indicator is aligned with the 1 on the counter. Open the back cover making sure that one hand is on the back cover, time out magazine and put in original box or wrap in wrapping paper. Note: Unload film in subdued light.

Flash Photography

Use of the Minolta Flashgun is recommended for night photography both indoors and outdoors. It is also recommended for daytime photography when a subject is in a shaded area. A special MG flashgun is available for exclusive use with the Minolta 35MC.

Description of MG Flashgun

- Viewfinder
- Socket
- B-Cord Lock
- Flashgun Socket
- Flashgun Base
- Flashgun Button
- Flashgun Bulb
- Flashgun Body
- Flashgun Flashgun
- Flashgun Flashgun