

# MINOLTA 16 MG

## 1966



Serial Nr.326560  
Minolta Code 0209

### Characteristics and functions

The Minolta 16 MG is presented in 1966. The camera is equipped with a Selenium cell and the format of the negative is 10x14mm. The Minolta 16 MG is the first 16mm camera. to be equipped with a programmed shutter. The Tessar-type lens is a Rokkor with 4 elements in 3 20mm groups. with maximum aperture f.2.8. The two-blade guillotine shutter works from 1/30" to 1/250". Flash synchronization is possible in both "X" and "M" = 1/30". The built-in exposure meter is automatically controlled by the diaphragms by means of a Selenium cell coupled to the shutter. The film sensitivities allowed are from 25 Asa (15 Din) to 400 Asa (27 Din). The focus is fixed from infinity up to 3.5m., While using the built-in lens for close-up shots the distance is 1.2m. (4 feet). The camera looks like a parallelepiped with rounded edges completely covered by a satin aluminum fairing. In an advanced position and running vertically along the left side, there is the exposure meter window where the red galvanometer needle and the chromed metal tailing needle are visible. In the immediate vicinity there is the selector for setting the sensitivity of the film used, the values 2.8, 4, 5.6, 8, 11 and 16 are shown in red and refer to a small red dot placed

on the upper side near the window of the light meter; while the part concerning shutter speeds shows in black the values 250 and 30 arranged along a black semicircular reference whose reference is a small black dot placed along the rear edge. At the far right there is the large knurled wheel, which is used for the advancement of the film and the simultaneous cocking of the shutter. The frame counter is contained in a semicircular window where a red reference slides under a transparent part, near the values [E, 0, 5, 10, 15, 20, S] shown in black on the metallized part. The frame counter is of the subtractive type with automatic reset (S) when the back is opened. In an advanced position, in correspondence with the lens, there is, on the upper cap, the shutter button formed by a black rectangular frame, lined between two parts in smooth black plastic that serve to avoid accidental shots with just the touch of the button itself. . In the central area of the upper casing, the engraving, on two lines, "Minolta - 16 MG" appears in black characters. On the right side of the camera we find the thread for the use of the tripod which is also used for attaching the wrist strap in chromed metal links and for attaching the dedicated flash. In the rearmost position there is a hole that serves as a guide and contact. The socket for the flash cable is located on the left side of the camera. On the back side we find the eyepiece window on the far left; continuing to the right you will find the selector for ambient light / flash which refers to the two symbols "Sun" and "Flash", a circular cap in satin metal, the words "Minolta Camera Co., Ltd. Japan" imprinted with black characters and arranged on 4 lines and, on the far right, the chrome slider for opening the film compartment door. The bright frame with parallax references for close-up shots is visible in the viewfinder. The serial number is engraved on the lower side on the left, while 2/3 are occupied by the completely removable door of the film compartment. The front side is occupied, from left to right, by the viewfinder window; then follows a rectangular chromed frame that contains the selenium cell; proceeding to the right we meet the lens with its satin metal cover that bears the inscription: "Rokkor 1: 2.8 f = 20mm" and a second cursor that is used to introduce the additional lens for shooting at 1.2m. (4 feet). The special black symbol highlights the presence of the lens in the working position.

Weight 160g. excluding strap.

Length 102mm. Width 39mm. Thickness 24mm. Dimensions and weights refer to the camera only, excluding the flash.