

MINOLTA 16 EE II

1963



Serial Nr° 240700
Minolta Code 0207

Characteristics and functions

The Minolta 16 EE was the first camera to have a built-in Selenium light meter. The Minolta EE II, on the other hand, has a built-in exposure meter with a CdS (Cadmium Sulfide) cell. The shutter, of the guillotine Sector type, works from 1/30" to 1/500" and bulb. The shutter speed is directly related to the sensitivity of the film used: with a sensitivity of 25 Asa the time will be 1/30"; with sensitivity 50 Asa the time will be 1/60"; with sensitivity 100 Asa it will be 1/125"; with a sensitivity of 200 Asa the shutter speed will be 1/250 "and with 400 Asa films the shutter speed will be 1/500". There is also "X" synchronization for the use of electronic flash with 25 and 50 Asa films. The built-in Cadmium Sulfide cell covers a shooting angle of 60° on the horizontal and 57° on the vertical and is coupled to the diaphragms from EV 10 (f.2.8) to EV 14 (f.11) at 1/125" for 100 Asa films. The knurled wheel on the rear of the camera is used to set the modes: "H" for the highlights with a time of 1/200 second.; "L" for low lights with a time of 1/50"; "F" for the use of the flash with synchronization

equal to 1/30 of a second. The working apertures range from 2.8 to 11. An accurate focusing is possible over two distances: 2.10mt. (7 feet) and 4.80mt. (16 feet), by acting on the cursor located at the bottom of the camera that shows the two symbols "House/Plants" and "People". The upper side of the Minolta 16 EE II, on the far left, is occupied by the circular selector for the "H", "L" and "F" positions, for the use of the flash, which is highlighted by both the letter "F" painted red, which gives a red arrow that highlights the external area of the knurled wheel, while the symbols H, L, and F are visible in the left part of the upper window. On the right side of this window you can see the numbering of the additive type frame counter with automatic reset when the back is opened. Continuing to the right we find, along the upper part, the coupling pin of the filter frames and again the chromed shutter button contained in a frame that is also chromed. The shutter button carries inside the thread for the use of the flexible release (Cable Release). On the rear corner, beveled, there are the two knurled wheels for adjusting the "H/L" and "Flash" settings on the left and, on the right, the thicker and black one that serves to advance the film and the simultaneous arming of the 'shutter. The inscription "Minolta 16" is engraved between the shutter button and the film wheel, while the specific "EE II" appears only on the back and in the instruction manual. On the front side we find on the right the large cell window at the CdS of the exposure meter surrounded by the double Asa/Din scale adjustable by means of the small black frame that protrudes to the right of the cell. The double sensitivity scale refers to two red dots placed above and below the circular selector. A chrome frame that runs from the cell window to the left side of the camera contains the lens where you can see the black guillotine shutter. In the upper part the chromed pin goes down for fixing additional filters and lenses. At the left end there is the viewfinder window. The left side of the camera is occupied by the battery compartment cap (1.35v); the right side is instead occupied by the rectangular metal ring for attaching the wrist strap for carrying the camera, the socket for the flash cable and the serial number engraved very close to the lower edge. The back side starts with the bevel on the top edge; on the left side is the viewfinder window. The bright frame with the parallax correction markers appears in the viewfinder. The remaining 4/5 of the back side are occupied by a silk-screened metal plate with the words: "Minolta - 16 E.E II 10 x 14" on the top line; "Lens Rokkor 28/2.8" and "Minolta Camera Co ., Ltd" are instead arranged on two lines in the lower part of the plate. On the side of the caseback we find on the left the thread for using the tripod, the film compartment door with the knurled wheel in the center to control its opening and the words "Open" and "Close" which refer to the red arrow silk-screened in the smooth part of the wheel. On the left, in the forward position, the inscription "JAPAN" is engraved. On the right, in the forward position, we find the distance selector with the symbols of the house and trees (shot from a distance) and two half-length people (shot up close). The position for shooting from afar is suitable for subjects placed from infinity up to 4.8m., While the position for close-up shooting is used for subjects from 4.8m to 2.1m. For even closer shots, 2 additional lenses (Close-Up) are available: 1 for shots at 1.2mt. (4 feet), n.2 for shooting at 0.7mt. (2.3 feet). Powering the camera by means of a 1.35v type Px 675 battery or equivalent. Weight 245g. battery excluded. Length 113.5. Width 54mm. Thickness 33mm.