

MINOLTA 110 ZOOM SLR

1976



Serial Nr.345340
Minolta Code 0253

Characteristics and functions

In 1976 Minolta introduced the first SLR zoom camera for 110-type magazine films. It is a compact SLR camera with zoom, macro functions and electronic exposure control. The lens is a Rokkor 25-50mm./f.1/4.5 with 10 elements in 10 groups and a built-in lens for close-up shots. The electronic blade shutter placed behind the lens works with speeds between 1/100" and 10 seconds plus exposure B. The X-sync for use of the flasher is at 1/50". The automatic exposure is controlled by the large cell located to the right of the lens which works from EV 1 (10" with f.4.5) to EV 18 (1/100" with f.16). TTL vision is ensured by a quick return mirror.

The camera has a low and wide aspect typical of the Pocket; in the center of the upper side there is a bulge typical of cameras with reflex vision. In the raised part there are from left to right: the circular black plastic selector with the positions "B", "X" and "A"; to rotate it you must first unlock it by pressing the chromed button located

below on the left; the hot shoe, which has the hot shoe. The serial number is also engraved on the sled. In the forward position there is the plate engraved in black with "Minolta 110 Zoom" and, on an orange background, "SLR". On the lower right side there are: the selector for the intentional variation of the exposure (+2, +1, 0, -1, -2) with division into integer values and central position "0" with block. Also on this side of the camera, but in the rear position, there is a red LED for checking the efficiency of the batteries, the chrome shutter button with coaxial socket for flexible release (Cable Release II) and the slider (Lock / On) for camera operation.

The front side is occupied, in the center, by the large lens with a satin focus ring where distances are shown in meters (1-7 in black) and in feet (3.5-20 in green), the symbol "infinity" in black common to the two scales and a black ring with a cantilevered part formed by two small rows of pyramids in relief where the focal values (25-50) are painted in white. A small arrow followed by an "M" both painted in orange are the references for introducing the lens for close-up shots. On the fixed part of the lens body there is a white line as a reference for distances and focal lengths and a short orange line as a reference for the "macro" setting. On the right of the front side of the camera there is the large ring that contains the cell to the CdS of the exposure meter. This black plastic ring is placed on top of a satin metal frame and is rotatable to set the working apertures (4.5 - 5.6 - 8 - 11 - 16). The values, painted in white, appear in a square window and click at each stop. The camera is set up for aperture priority automatic exposure. On the left side there is the thread for the tripod and the left ring of the shoulder strap. On the right side there are the right ring of the shoulder strap and the black plastic cap of the battery compartment (2 silver oxide type 10L14 1.5v batteries). To access the compartment, slide the battery cover in the direction of the arrow. A convenience is certainly given by the fact that the cap remains hinged at the top and therefore it is impossible to lose it! The rear side of the camera is completely occupied by the film compartment door which also covers the entire area of the eyepiece window - obviously perforated to leave the eyepiece window free. The slider for unlocking the door is located to the left of the eyepiece window. In the viewfinder there is the circular central part with microprisms to facilitate focusing. A four-function light signal indicates: "overexposure", "Synchro-flash X" and "Pose B" with a red arrow placed in the upper right and pointing to the left; "Underexposed" with an orange arrow pointing to the right.

The underside of the camera is made of black plastic and features: a cylindrical sector engraved with "Japan", three screws for fixing the caseback, the large loading lever for advancing the film and the simultaneous cocking of the shutter, the 2 film compartment door hinges.

Weight 424g. excluding batteries and shoulder strap.

Length 133mm. Width 110.5mm. Thickness 53mm.