

MINOLTA XG-7

1978



Serial Nr.4087171
Minolta Code 2006-100

Characteristics and functions

Type of device: 35mm SLR with aperture priority automatic exposure control, or completely manual.

In manual mode, the exposure meter is not active.

Objective Attack: All objectives of the MC and MD series are allowed. Optics release button on the left side of the coupling. Red indicator placed above the optics union for correct bayonet coupling. The complete locking of the bayonet occurs after a clockwise rotation of 54°.

Sensitivity range allowed from 25 to 1600 Asa. The sensitivity can be set using the large ring where the shutter speeds are shown: to set the correct sensitivity you need to raise the ring and rotate it, then it is lowered again for use with shutter speeds. The values in Asa have 1/3 subdivisions represented by two white dots between the integer values. Mechanical type focal plane shutter with horizontal sliding rubber cloth curtains and electromagnetic shutter release. Shutter speeds from 1" to 1/1000" and B.

Sincroflash at 1/60 ".

Automatic exposure: at aperture priority with the selector in position [A] given a working aperture on the lens, the camera adjusts the time from 1" to 1/1000" without interruption. The simultaneous lighting of two LEDs indicates that the camera works with an intermediate time between the two speeds highlighted by the LEDs. The exposure system automatically prevents the shutter from functioning if the time required exceeds 1/1000".

Manual exposure: turning the selector to shutter speeds, the exposure meter turns off. The working times range from 1 "to 1/1000" with whole values and pose B.

Working range: from VL1 to VL 17 with 100Asa film and f./1.4 lens.

Times that can be set using the selector located to the right of the pentaprism from 1 "to 1/1000" with full increments and exposure (B). Sincroflash at 1/60" or longer.

Measurement: integrated average with prevalence in the center by means of a cell (CdS) placed above the pentaprism.

Intentional variation of the exposure: it is possible to correct up to [+/- 2 EV] which is obtained by pressing the small chrome button located to the right, in the advanced position, of the speed dial, making the [A] collimate on the desired value or on the intermediate value with 1/2 stop variations.

Mirror: quick-return, oversized, mounted on a system that allows the vibration of the mirror to be absorbed during movement in the instant of the shot. Viewfinder: pentaprism fixed at eye level. Focusing Fresnel screen with split image center and microprism circular crown. On the right side of the viewfinder you can see the shutter speeds from [1000] to [1] and the corresponding 11 circular red LEDs. Two triangular-shaped LEDs placed beyond the shutter speeds indicate over / under exposure. When using the flash, with dedicated Minolta flashes (for example AUTOELECTRO FLASH 200X), the red LED of [60] flashes to indicate "flash ready" both in automatic and manual mode.

Shutter button: located in the center of the shutter speed dial. Double-function electromagnetic: by simply touching the light meter is activated, while lowering it by about one millimeter the shutter releases.

Advancement of the film: by means of the loading lever located on the upper carter at the extreme right between the speed selector and the exposure counter. The advancement of the film is obtained with a rotation of the loading lever of about 130° with a dead stroke of about 30°. The complete advancement of the film also involves arming the shutter and increasing the numbering of the exposure counter. The AUTO WINDER G is available as an optional accessory, which allows the advancement of the film with a maximum cadence of two frames per second.

Self-timer: by moving the main switch, located to the left of the pentaprism, to the [Self Timer] position, the setting for the self-timer is obtained, which is activated by pressing the shutter button. The delay is 10" and is highlighted by the switching on of the large circular red LED located on the front to the right of the optics inlet. The led blinks with a frequency of 1/2 second for the first 7 seconds to become faster in the last three before the shot. The self-timer can be canceled by returning the main switch selector to the [Off] position.

Accessories: the accessory rail with hot shoe for flash is placed above the upper casing, above the pentaprism; the crank for rewinding the film, located on the left of the upper casing, also has the function of unlocking and opening the back, pulling it up to the end of its travel; the automatic exposure counter, with additive counting and automatic reset when the back is opened, is located next to the loading lever in a rectangular window with a triangular red reference; The smooth sliding of the film can be seen by observing a red tab appear in the special window that is located on the upper side of the camera, just above the loading lever; the selector (in plastic) for coupling "MC" with the exposure meter is placed around the lens union, it moves around and above it. The 4-function main switch is located under the recovery handle; a white reference point moves from top to bottom in the 4 positions: [Self Timer - Off -

On - B.C.]. The position [B.C.] is used to check the efficiency of the batteries. If the batteries are efficient, the red LED on the front lights up. On the left side of the lens mount there are the lens release button, the threaded socket for flexible release and the socket for the X contact for use with electronic or bulb flashes with 1/60" sync or slower times. The shoulder strap attachment system consists of two triangular rings placed in the chromed supports located at the ends of the front; the memo pocket, with Asa / Din conversion table is located on the back. The Data Back G date back is available to record the day, month and year on the negative. The tripod mount and the screw cap for the battery compartment (2x 1.5v silver oxide batteries) in metal, are placed on the back together with the coupling for the Winder G, the guide for the same and the clutch release button for film recovery. The eyepiece frame, in plastic, which allows the adaptation of a rubber lens hood shell (EH-7) to be inserted into the special lateral grooves; attachment for corrective lenses, inserting them under pressure inside the eyepiece frame. The viewfinder occluder is available which must be inserted into the grooves of the viewfinder to replace the EH-7 lens hood. Only electric remote control cables available: Cable Release 50L and 50S with a length of 5m respectively. and 50cm. The camera is available in a chrome finish with black lettering and in a black finish with white lettering.

Dimensions and weight: length 136mm.; height 88mm.; width 52mm.
Body weight only, without battery: 510g.

