

# MINOLTA AF-DL

## 1987



Serial Nr.16211925  
Minolta Code 0483

### Characteristics and functions

The Minolta AF-DL was introduced in 1987. The part of the acronym "DL" (Dual Lens) clearly indicates the bifocal capability of this camera's lens. The AF-DL is a compact autofocus camera with the possibility of motorized selection of two lenses: a 35mm. f./3.5 with 3 elements in 3 groups and a 50mm. f./5.6 with 5 elements in 5 groups. Active infrared (AF) focusing with cancelable memory lock ranges from 0.75m. endlessly. Then there is the possibility of continuous shooting of subjects at close range from 75 to 52cm., With the 35mm lens. and from 75 to 62cm., with the 50mm lens. without having to do any intervention or maneuver on the camera. The programmed automatic exposure (AE) ranges from EV 9 to EV 16.2 (focal length 35mm.) And from EV 10.4 to EV 17.1 (focal length 50mm.) For 100 ISO films.

The sensitivity of the films allowed ranges from 100 to 400 ISO with DX loaders while the camera always sets the sensitivity 100 ISO for films with magazines without DX decoding. Loading, advancement and recovery of the film are motorized and fully automatic. On the upper side of the camera we find, from left to right, the abbreviation AF-DL silk-screened in white, then the window of the additive frame counter with automatic reset when the back is opened and, on the far right, the black shutter button with double function (AE and AF lock when pressed halfway and shutter when pressed fully). Further back from the shutter button there is a red hemisphere with a diameter of about 6mm., Which is the button for selecting the focal length. Each time it is pressed it shifts the focal length from 35 to 50 and vice versa from 50 to 35mm.; on the right side, the white writing "Lens Select" clearly indicates its function. The left side of the camera is smooth while on the right side there is the carrying strap, inserted in two rectangular chromed rings. The electronic flash is located on the front side, in the upper left corner, which has a range of up to 3.6m. (35mm. lens selected), with the porthole of the CdS exposure meter cell at its side. Under the flash is placed the initials "AF" stylized and silk-screened in red which indicates the autofocus possibility of the device. Continuing to the right you will come across the window of the autofocus / viewfinder system which is asymmetrical in shape and also contains the symbol of the Minolta "rising sun" with the underlying word "Minolta", both silk-screened in white. On the far right, a protuberance that runs vertically up to the bottom serves to better grip the camera with the right hand only and to contain the batteries for the operation of the AF-DL (1 Duracell DL 233 6v. Or 4 AAA 1.5v. ) The lens mount (large central protrusion) has, along the right side, the slider in striped black plastic for the opening command of the lens cover which also acts as a main switch (when the lens is covered the camera does not clicks). Since the lens with a focal length of 50mm. protrudes forward from the mount, you must first bring the focal length back to 35mm. before turning off the camera by closing the lens. On the rear side there is the viewfinder window, the back hinged to the right and the release system for opening the door where the slider in striped black plastic located on the far left must be moved downwards. In the viewfinder you can see the bright frame with relative references for close-up shooting and along the right side a red LED that turns on for "flash standby" when the condenser is not yet fully charged. If the flash is not ready, the shutter locks to avoid underexposed photographs. As the focal length is set, the frame in the viewfinder also changes (motorized variation, instantaneous), to show the correct field of view. The magnification ratio varies according to the selected lens: 0.46x with the 35mm lens. and 0.66x with the 50mm lens. On the back we find the word "Japan", the serial number engraved in white and the battery compartment door with the slider release for opening.

Weight 275g. batteries excluded.

Length 132mm. Height 69.5mm. 51mm thick.