

MINOLTA 5000 AF

1986



Serial Nr.59209196
Minolta Code 2073

Characteristics and functions

Device type: 35mm reflex. with autofocus, automatic multi-program or manual exposure with automatic film transport.

Lens mount: MINOLTA type "A" bayonet with electrical contacts for integrated lens-camera control with all MINOLTA AF lenses.

Autofocus system: MINOLTA TTL with phase detection; working range from EV 2 to EV 19 to 100 ISO.

Sensitivity range: -1 to 20 EV with 100 ISO film in ambient light. With PROGRAM 1800AF, PROGRAM 2800AF, PROGRAM 4000AF program flashes: when the subject is low in contrast or in low light, the AF illuminator turns on. Works with all MINOLTA AF lenses.

Focus signals: When the subject is in focus, a green LED lights up and the camera beeps. When the focus is manual (MF) the triangular red LEDs indicate which way to rotate the lens barrel. The red LEDs flash when it is necessary to switch between AF and MF for proper focus.

Controls: with the slider on the right of the LCD panel the camera is turned off in the rear position, the camera is turned on in the intermediate position and in the third position the camera is turned on and the sound signal is activated

indicating the need to use the flash if you it is in the presence of slow shutter speeds and the correct focus of the autofocus. A red dash next to the corresponding symbol highlights the activated function or turning off of the camera. To the left of the pentaprism, a slider lid protects the three gray buttons that are used to manually set the film sensitivity (ISO), to activate the self-timer and to switch between the P (Program) and M (Manual) functions

Shutter: on the focal plane, electronically controlled with vertical scrolling. Shutter speed range: 1/2000" to 4" seamless with half the closest value indicated in the viewfinder on P. In manual (M) from 1/2000" to 4" in integer values. Shutter speed "BULB" only on manual setting (M), for long shutter speeds.

Film sensitivity allowed from 25 to 6400 ISO in ambient light and from 25 to 1000 ISO for a TTL measurement with flash. Possible increments 1/3 EV. Automatic sensitivity setting with DX identification magazines. Manual setting is possible for non-DX films and for the intentional variation of the set sensitivity.

Center-weighted average measurement with silicon photocell (SPC) on pentaprism for measurements in ambient light. Range: -1 to 20 EV with 100 ISO film and 1.4/50mm lens. (from 4" with f/1.4 to 1/2000" with f/22). A second silicon cell (SPC) is contained in the mirror box for TTL metering with dedicated flashes.

Program Exposure: (P) mode, shutter speed and aperture are set according to one of three automatic exposure programs set by the camera. Wide angle for focal length lenses up to 35mm. Standard for focal length lenses between 35mm. and 105mm. Tele for lenses with focal length greater than 105mm.

Manual exposure with light meter: mode (M). You can adjust the shutter speeds and apertures: with the > or < buttons located near the shutter button you can adjust the shutter speeds with a variation of the whole value; while with the > or < buttons located on the left side of the camera near the lens mount, you can adjust the diaphragms with variations of half a point at each press. The choice made on the exposure and the viewfinder indications, which show the correct exposure, give the photographer the amount of over or under exposure set.

Backlight compensation button: when the camera is set to P (Program), pressing the BLC button increases the exposure by 2 stops. This button is located on the back of the camera in the upper right corner.

Shutter button: The touch shutter button activates metering and liquid crystal displays that remain active for 10" after you take your finger off the button. Pressing the shutter button for half of its stroke activates the focus system and locks the focus, pressing it fully triggers the shutter.

Film transport: automatic docking and advancement to the first useful frame. The built-in motor allows single-frame or continuous feeds at 1.5 frames per second, motorized rewind and motor stop when all the film is in the magazine. The regular hooking and transport of the film are indicated on the control panel by means of three black dashes and by the increase in the number of shots taken. The total rewinding of the film is instead signaled by the return of the frame counter back to (0).

Viewfinder: fixed at eye level pentaprism that shows 94% of the frame of a 24x36mm film. With 0.85x magnification with 50mm lens. focused on infinity. Dioptic correction lenses are available.

Liquid crystal panel: located on the upper casing to the right of the pentaprism, it indicates the type of exposure, the shutter speed, the aperture, the film

sensitivity, the number of frames exposed, the self-timer setting, the shutter speed (B) and the low battery warning sign.

LCD in the viewfinder: they light up automatically, indicate the type of exposure, shutter speed, aperture, low batteries.

Powered by 4 AAA batteries or alternatively 4 AA batteries using the optional BL-70 handle for all functions. There is a built-in lithium battery to support memory functions lasting over 10 years. Automatic warning signal for insufficient energy. Main slide switch located to the right of the top LCD panel with three positions: [look-on - ((o].

Beeps: in position ((or: subject out of focus, film end, self-timer, shutter speed of 1/30 "or less with 35mm lenses, 1/60" or less with lenses between 35mm. And 105mm., And 1/125 "or less with focal length lenses greater than 105mm.

Self-timer: electronic with 10-second delay, which can be canceled by turning off the camera using the main switch (LOCK). The functioning of the self-timer is highlighted by an acoustic signal and by the countdown in the indicator panel

Accessories: 3-contact electrical control socket located on the lower left end of the front side of the camera, covered by a protective cap. MINOLTA dedicated accessory shoe and flash - the three small contacts are used to establish the complete automatism between flash and camera - such as TTL metering. Two metal rings are used to support the camera by means of a dedicated MINOLTA shoulder strap. The standard back, removable, has a window that allows you to see the type of film loaded. PROGRAM BACK 70 and DATA BACK 70 are available. PROGRAM 1800AF, 2800AF, 4000AF and MACRO FLASH 1200AF flashes are also available with the BOUNCE REFLECTOR II SET reflected light system. CD Cable, EX Cable, OC Cable, Remote Shoe, TC-1000 Triple Coupler, CG-1000 Command Grip, CG-1000 Grip Extension Cable, AF AI Illuminator -1000 and the AC adapter complement the flash accessories. The IR-1N wireless remote control unit is available. For demanding uses, the camera can be powered by means of the EP-70 external power unit. There are also the rubber lens hood for the EH-7 eyepiece, the eyepiece cap, the Vn magnifying viewfinder, the Vn angle viewfinder, the dioptic correction lenses for the eyepiece. The back opening is located on the left side of the camera. The lens release button is the large gray button located near the lens port on the left side. Weight: 555g. without lens and without batteries and with standard handle for 4 AAA batteries. Dimensions: width 138mm.; height 92.5mm.; 52mm thick.

N.B. The MC and MD series lenses are not compatible with the new "A" mount, therefore only the "A" series AF lenses should be fitted to the 5000 AF.

