

MINOLTA MAXXUM 300si

1995



Serial Nr.92609715

Characteristics and functions

Device type: 35mm reflex. With integrated autofocus (AF) and automatic exposure (AE) systems. Automatic, motorized transport of the film.

Bayonet lens mount, in special black plastic, MINOLTA type "A" with 8 electrical contacts for integrated lens-camera control with all MINOLTA AF lenses.

MINOLTA TTL phase detection autofocus system with single CCD sensor system.

Focus type: Continuous AF / focus lock selected automatically based on subject movement. Automatic / manual focus selectable using the button located in the lower part of the front, to the left of the lens filler. This function is remembered on the LCD screen by the appearance of the [M.FOCUS] symbol. Predictive focus for moving subjects.

AF sensitivity range: The autofocus system has a sensitivity range of -1 to 17 EV with 100 Iso film in ambient light.

Measurement: TTL type with silicon photocell (SPC) with honeycomb pattern with 7 central segments and 1 background.

Metering range: 1 to 20 EV with 100 Iso film and 50mm./1.4 lens.

Electronically controlled vertical-cross-slide focal plane shutter with exposure times from 1/2000" to 30".

Flash sync time: 1/90" or longer time.

Programmed exposure: (AE), program [P]. The shutter speed and aperture of the lens are automatically set according to the chosen program and are continuously modified according to the focal length used.

Programmed exposure for particular subjects. It is possible to select one of the subject programs: Portraits, Landscapes, Close-ups, Sports Actions, Night Portraits. To set one of the subject programs, turn on the camera using the [LOOK / ON] switch located to the left of the pentaprism and, by pressing the [MODE] button located at the extreme right of the upper casing, advance the black arrow under the symbol of the desired program. The function of this button is cyclical therefore it is also used to return to the main function [P].

Flash light exposure: by means of the electronic flash built into the pentaprism with Guide Number 12 for 100 ISO film and with coverage equal to the shooting angle of 28mm lenses. Or using one of Minolta's dedicated Program Flashes.

Sensitivity range allowed: from 25 to 5000 ISO with automatic setting for films equipped with a magazine with DX code.

Sensitivity range allowed with the use of the flash: from 25 to 1000 ISO.

Flash settings: by acting on the two buttons located between the LCD screen and the shutter button, the following light-flash combinations are obtained: Flash Auto (combination that occurs when the camera is turned on), Flash (forced intervention at full power) No Flash (intentional deactivation of the flash), using the button with the flash symbol. These settings can be combined with the anti-red-eye function selectable through the button with the eye symbol. The set functions are highlighted with their respective symbols on the LCD panel.

Film transport: automatic, by means of a built-in motor. Automatic coupling; advance to the first useful frame.

Film advance for single or continuous shooting with a cadence of 1 frame per second. This function is set by pressing the button located to the left of the pentaprism, on the upper casing, in the advanced position. The function of this button is cyclic and provides, in sequence, the settings: single shot, self-timer with single shot, continuous shooting with a cadence of about one frame per second. The respective symbols appear on the LCD panel.

Automatic rewinding of the film at the end of the same, or intentional recovery of the film even if only partially exposed, using the button located at the left end of the camera back.

Opening of the back: by lowering the slider on the left side of the camera. Snap closure by pressing on the back.

Self-timer: electronic with about 10 seconds delay (there is no light function). It is set using the same button as the film advance type settings. Only single shot is possible. The self-timer function can be canceled by turning the camera off ([LOOK / ON] slide switch).

Pentaprism viewfinder at eye level showing approximately 90% of the field of view with a magnification of 0.75x; with 50mm lens. placed at infinity.

Information in the viewfinder. On the left side, 4 symbols appear: two green concerning the focus (O) and O, two red ones concerning the insertion of the flash and the ready-flash when the condenser is fully charged.

Eyepiece: with -1 diopter anti-fatigue system.

Power supply: by means of a 6v battery. Type 2CR5. Automatic control of camera

ignition. The battery is located in the special compartment located in the cheek of the handle; compartment which can be accessed by means of the door located on the bottom at the right end. Opening is obtained by moving the cursor in the direction of the arrow.

Accessories: soft rubber eyecup. Cover for hot shoe cover (optional accessory). Window for viewing the type of film inserted, located at the left end of the back, in colorless plastic. Two rings for connecting the shoulder strap made from the black plastic of the camera body. Lens release button, in black plastic, located on the left side of the optics filler. Tripod mount placed on the back in the central part, in a rear position.

Dimensions: Length 147mm. Height 101mm. Width 68mm.

Weight: 380g. without lens and battery.

