

MINOLTA RIVA ZOOM 90c

1991



Serial Nr.60112288

Characteristics and functions

The Minolta Riva Zoom 90c was introduced in 1991. The Riva Zoom 90c is an automatic, 3-beam infrared autofocus, motorized camera with built-in automatic electronic flash and a 38-90mm Minolta zoom lens. f./3.5-7.7. The minimum shooting distance is 0.75m. with focal lengths between 38 and 56mm. and 0.90m. with focal lengths between 57 and 90mm. The programmed automatic exposure, for 100 Iso films, ranges from 6 to 17 EV (from $\frac{1}{4}$ "with f./3.5 to 1/250" with f./22 - lens set to 38mm.) And from 8 to 17 EV (from $\frac{1}{4}$ "with f./7.7 to 1/350" with f./19 - lens set to 90mm.). The range of film sensitivities allowed is from 25 to 3200 ISO, with DX-coded magazines. The camera shows up with taut lines; on the upper side we find the cantilever mount that contains the indicator panel (LCD) with total information, in the forward position, while in the rear position there is another cantilever mount that contains the vision system. The rectangular black button for the "Self-Timer" function (10 "delay, which can be canceled by turning off the camera) is positioned in the immediate vicinity of the vision system mount, with the appropriate symbol printed in

white. The circular shutter button is contained in a depression designed to easily contain the index finger of the right hand. The shutter button has a dual function: if pressed partially it locks the focus (AF) and exposure (AE), when pressed fully it releases the shutter and advances the film. This button separates the rocker selector for adjusting the focal length ("W" to the left or "T" to the right), placed in the forward position, from the two small soft rubber buttons for inserting the flash ("Flash + ON / OFF") and for the activation of the "Red-Eye Reduction" system ("Small lightning + Large lightning / Large lightning"), placed in the rear position. The release system of the film compartment door is positioned on the left side of the Riva Zoom 90c (lower the black cursor by 4 mm in the direction of the arrow), to close the back, bring the parts closer together and exert enough pressure to make the shutter release again. block. The right side of the camera continues to descend the design of the depression of the shutter button and in the casting of the shell it has a plastic loop under which to insert the shoulder strap for transport. On the rear side we find a cantilever mount that contains the Eye-Start system sensor with ASZ (Automatic Zoom Standby) which activates and sets the most suitable focal length according to a computerized program active between 0.75 and 8 meters. Below is the eyepiece window and on the right the green light for correct focus (upper) and the red flash light (lower). If the flash disable function is set, but the exposure would require it, the red light flashes with a frequency of 0.5 sec. In the viewfinder you can see: the focus area with cancelable memory and the indications for parallax compensation in close-up shooting. Obviously the image observed in the viewfinder varies according to the set focal length (instant motorized variation). To the right of the cantilevered window of the viewfinder there is the main switch (ON / OFF) with a sliding cursor. The film compartment door is hinged to the right and has a transparent window for viewing the inserted magazine. On the front of the camera we find a shiny and transparent part of asymmetrical shape that contains the flash, the viewfinder window with the autofocus system, the light meter cell and the RC-1 remote control receiver (optional). Continuing to the right we meet the word "Minolta" surmounted by the "Rising Sun" Minolta. Under the flash, the abbreviation "ES" (Eye-Start) is silk-screened in red. In the lower left corner, on two lines, "Riva" and "Zoom 90c" are silk-screened in white. The large central protuberance contains the lens mount with sliding cover controlled by the main switch. The characteristics of the lens are silk-screened in white: "Minolta Lens", at the top and "Zoom 38-90mm 1: 3.5 - 7.7", at the bottom. The lower side is crossed by 6 horizontal grooves; in the center are the words "Japan" and the serial number silkscreened in white on a black plastic label embedded flush with the caseback. On the right, in the forward position, there is the thread for the use of the tripod and the small hole of the intentional film recovery system (to activate the function, press the small button located in the hole with a pointed object). On the far right is the battery compartment cap (1 "CR5 type" battery) with sliding release. The QD version with date back is available.

Weight 320g. excluding battery.

Length 147.5mm. Height 73.5mm. Depth 59.5mm. in the version without QD.