

The Minolta XK-1 SLR - Specifications

Minolta XK Specifications

Type: Interchangeable-finder-type 35mm single-lens reflex with electronic focal-plane shutter

Lens mount: (Standard lenses: [MC Rokkor-X 50mm F1.7](#), [50mm F1.4](#), or [58mm F1.2](#)) * Compared this with MD Lens spec.

Coupling: For full-aperture metering and automatic diaphragm operation with MC (Meter-Coupled) Lenses (Stop-down metering is used for other than MC Lenses.). Button for depth-of-field preview and stop-down metering

Shutter: Electronically controlled focal-plane type with titanium curtains and 2 mechanically controlled settings

Electronic speeds: 16 to 1/2000 sec. in steps, 4 to 1/2000 sec. continuously variable (with Auto Electro Finder)

Mechanical settings: X (1/100sec.) and B

Curtain traverse time: 9ms

Power source: Two 1.5v silver-oxide batteries (Mallory MS-76, Eveready S-76. Film advance locks when voltage is insufficient.

Viewfinder: Interchangeable type showing 98% of area appearing on film (Auto Electro, Plain, High-Magnification, and Waist-Level Finders available);

Focusing Screens: Type P focusing screen (matte Fresnel field with horizontally oriented split-image spot) supplied as standard, interchangeable with 8 other screen types.

Film advance: Lever type, single-or multiple-stroke, 110 degrees winding angle after 20 degrees un-engaged movement; advancing-type exposure counter resets automatically when camera back is opened.

Multiple Exposures: Possible with film advance release button

Mirror: Oversize, quick-return type, with lock-up device: no image cutoff even with extreme telephotos (PO value: 140mm)

Self-timer: Lever type, operating time variable from approx. 6 to 10 sec.

Flash sync.: X contact: Electronic flash synchronizes at 1/100 (X) and longer stepless and step speeds, FP contact: FP bulbs synchronize at all step speeds through 1/2000 sec. including X (1/100); single terminal in threaded socket with X/FP switch; direct contact on accessory mount for Minolta cordless flashguns with optional accessory hot shoe.

Others: Built-in Auto "Senswitch" keeps finder power on while camera is held in usual operation (alternate switch located on Auto Electro Finder); battery checker on end of body; accessory mount (with direct flash contact) on body around back-release knob; loaded film reminder on bottom.

Dimensions: 84mm x 147.5mm x 48mm (3-5/16" x 6" x 1-15/16") without lens

Weight: 670g (23-9/16 oz.) without lens

* Interchangeable lenses and accessories common to SR-T 101, etc.

AUTO ELECTRO FINDER - Specifications

Type: Eye-level pentaprism with built-in meter and automatic electronic and match-needle/manual exposure-control apparatus

Circuits: Incorporate monolithic and hybrid IC's with 41 transistors.

Magnification: 0.8X with 50mm lens

Visible in finder: F-number, shutter-speed/function scale, meter/indicator needle, speed/function bar, light-emitting diode exposure warning signal.

Measuring range: Built-in TTL CLC with 2 CdS cells for full-aperture metering with MC Rokkor Lenses, stop down metering with other Rokkor Lenses

Film-speed range: EV 1 to EV 17 (e.g., 1 sec. at F1.4 to 1/2000 at f/8) with f/1.2 lens at ASA 12 to 6400

Shutter-speed/function dial: AUTO, X, B, 1, 2, 4, 8, 15, 30, 60, 125, 250, 500, 1000 and 2000

Auto-exposure override: - 2 EV to +2 EV stepless manual control

Compensation scale: - 0.5 EV to +3.5 EV in half-step graduations

Power source: 2 silver-oxide batteries for shutter control in camera base (shared use)

Dimensions: 50mm x 76mm x 65mm (1-15/16" x 3" x 2-9/16")

Weight: 225 g (8-1/8 oz.)

Other: Power switch for use in lieu of body Auto "Senswitch".

Standard Lenses Specifications:

Lens	50mm f/1.7 MC Rokkor-X	50mm f/1.4 MC Rokkor-X	50mm f/1.2 MC Rokkor-X
Type	Metered Coupled Gauss-Type Standard Lenses		
Constructions	6 elements in 5 groups	7 elements in 5 groups	7 elements in 5 groups
Angle of view	46 degree		41 degree
Minimum focusing Distance	0.5m (1.75 ft)	0.5m (1.75 ft)	0.6m (2 ft)
Diaphragm			
Aperture Scale	1.7, 2.8, 4, 5.6, 8, 11, 16	1.4, 2, 2.8, 4, 5.6, 8, 11, 16	1.2, 2, 2.8, 4, 5.6, 8, 11, 16
	EACH with FULL and HALF click stops		
Diaphragm:	Fully automatic, meter-coupled		
Focusing:	Double Helicoid System		
Filter Thread Diameter	55mm		
Dimension	64.8mm x 41mm (2-9/16" x 1-5/8")	65.6mm x 46mm (2-9/16" x 1-7/8")	70.8mm x 54mm (2-13/16" x 2-1/8")
Weight	240g (8-7/16 oz)	305g (10-3/4 oz)	475g (16-3/4 oz)

Specification: [HTML](#) | [PDF \(20k\)](#)

Main Reference Map: [HTML](#) | [PDF \(250k\)](#)

* **Message Board** for your favourite Minolta XD-7 | XD-11 /XK | XM



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Credit: Mir Poon of Foto Poon, Ipoh for his untiring effort to see this site up and running. Dedicated to a friend: 'JB' whom I have never met but remains a constant motivated force. Dedicated to all the Minolta fans.



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