

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".

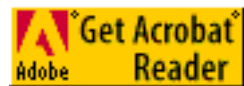
Standard Lenses Specifications:

| 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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