

Pentax LX - Full Specifications
Modern Classic SLRs Series



Pentax LX Specifications

Type:	35mm full-frame single lens reflex camera with IDM off-the-film plane Aperture-Priority automatic or full manual exposure metering, TTL integrated flash control with Pentax "T" and "C" type flash units.
Lens Mount:	Pentax bayonet mount with fully automatic diaphragm coupling
Exposure controls:	Open-aperture, center-weighted, through-the-lens light metering for both automatic and manual modes. Integrated Direct Metering (IDM) system measures light at the film plane via Silicon Photo Diode (SPD); high-speed measurements for automatic operation are made off fixed pattern on front shutter curtain, slow speed measurements off curtain and film, automatic electronic flash/ambient light measurement with TTL "T"- and "C"-type flash models. Manual exposure range from EV 1 to EV 19 (at ISO 100 with f/1.4 lens); stepless automatic exposure range extends to EV -6.5 to EV 20 (125 seconds at f/1.2 to 1/2000 second at f/22, at ISO 100 at normal temperature and humidity). Meter activated by light pressure on shutter release with automatic shut-off after 25 seconds.
Viewfinder:	Standard FA-1 Interchangeable Eye-Level Pentaprism Finder features silver-coating and shows 98% vertical, 95% horizontal of picture area plus full data viewfinder display; built-in diopter correction by adjustment screw. Finder removable by release lever. 7 other Prisms available.
Viewfinder Illuminator:	Nil
Viewfinder Display:	Tri-color display for TTL-measured shutter speeds with green LEDs indicating hand-holdable speeds from 1/2000 second to 1/30 second, yellow LEDs as slow speed warning from 1/15 second to 4 second, and red LEDs indicating overexposure or long exposure and "X"-sync flash-ready light with TTL and dedicated flash units; blue flag indicates automatic at "A" and manually selected shutter speeds; aperture visible in standard FA-1, FA-1W, FC-1 and FD-1 finders.
Dioptric Adjustment:	
Focusing Screens:	SC-21 standard focusing screen with center split-image spot surrounded by microprism collar on matte field; fully interchangeable with 11 other focusing screen models through the lens mount.
Mirror:	Large swing-back type, instant-return mirror to virtually eliminate image cutoff with most lenses; mirror-up lock provided.
Exposure Preview:	Provided, as the tri-functions self timer lever.

Exposure Compensation Dial:	Up to + 2 EV automatic exposure compensation in automatic mode by dial control; dial indexed at 1/4X, 1/2X, 1X, 2X and 4X, with click stops at 1/3 EV positions; red flag appears in viewfinder to indicate dial is off "1X" normal exposure position; dial lock provided at "1X" with push-button release.
Shutter:	Electro-mechanical horizontally-run titanium focal plane shutter; manual speeds mechanically controlled from 1/2000 second to "X" (1/75 second) and electronically controlled from 1/60 second to 4 seconds; mechanical speeds and "B" operational without batteries; automatic exposures electronically controlled in stepless range from 1/2000 second down to 125 seconds; shutter lock provided; shutter dial locks at "AUTOMATIC" with push-button release; built-in curtain blind for use with Watch Data LX.
Mechanical Shutter Release:	from 1/2000 second to "X" (1/75 second)
ISO (ASA)	ISO 6 to 3200.
Film Speed Scale:	17 settings (A), (B) and (X), from 4 sec to 1/2000 sec.
Shutter Dial:	Light touch to activate the meter on, meter will turn off after 25 sec.
Shutter Button:	

Flash Control:	TTL measurement of ambient and electronic flash lighting directly off film plane with "T"- and "C"-type Pentax flash models providing auto flash sync at "X" and visible flash-ready and exposure check in viewfinder when flash reaches full charge; automatic flash sync and visible viewfinder flash-ready light with other Pentax dedicated flash models.
Self-timer/Preview:	Multi-function lever provides a manually activated self-timer with 4 to 12 second delay, depth-of-field preview and mirror-lock capability.
Stop down Slide:	
Power Source:	Two 1.5V alkaline or silver-oxide batteries power all electronic systems in both automatic and manual modes; LED flickers in viewfinder to indicate low battery condition; mirror locks when batteries fail.
Battery Check:	LED flickers in viewfinder to indicate low battery condition
Multiple Exposure:	Provided. Film Rewind Button doubles as multiple exposure button to dis-engage film advance mechanism
Flash Synchronization:	"FP" terminal and "X" terminal, plus contacts for TTL integrated automatic flash control at camera front; FA-1 Standard Finder features built-in "X"-sync hotshoe with TTL contacts.
Camera back:	Standard camera back with spring catch, built-in film memo holder. Back is fully interchangeable with Dial Data LX, Watch Data L, and Bulk Film Magazine LX.
Film Loading/Transport:	Pentax Magic Needle Loading System. Single-stroke, rapid wind lever with 120° throw and 25° standoff angle; built-in shutter cocked indicator. Accepts Winder LX and Motor Drive LX for automatic film advance and automatic rewind capability.
Film Advance Lever:	Single stroke 120 degrees or multiple short strokes to cock the shutter. At 25 degrees stand off position.
Frame Counter:	Additive two-way exposure counter moves from loading indicator to "38" with color-coded indexes at "0", "20", "24" and "36" operates in reverse to indicate precise film location for rewind or tracking of multiple exposures.
Film Rewinding:	Film Rewind Button doubles as multiple exposure button to dis-engage film advance mechanism. Automatic rewind with Winder LX and Motor Drive LX.
Dimensions:	144.5mm x 90.5mm x 50.0mm (5.7" x 3.6" x 1.9") with Standard FA-1 Finder attached.
Weight:	565g (19.9 oz.) with Standard FA-1 Finder

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