



Projectors... and More!

EK-50LU

5,000 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio. Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K. Supports analog and digital video input in all color standards up-to 1080p. Displays 4:3, 16:9 and 16:10 aspect ratios. Supports most HDTV resolutions. Supports 4K video input via HDMI. Short Throw (0.44:1) manual focus lens. Horizontal, Vertical & Corner Keystone Correction. Pincushion/Barrel & 6 point Geometric Correction. Wired network control and monitoring. Crestron RoomView™ & AMX Device Discovery compatibility. Built-in 16 Watt sound system. Closed Caption decoding (NTSC). Side-accessed air filter for ease of maintenance. Auto input selection. Built-in Test Patterns. Security bar. Kensington® MicroSaver® security slot. PIN lock. 3 year Projector warranty. 20,000 hour Laser Light Engine warranty.

EK-50LU

5,000 Lumens / WUXGA / 3LCD
Laser + Phosphor Light Source
Short Throw (0.44:1) Lens
Accepts inputs up-to 4K



Included Accessories:

Quick Start Guide, 5.0 ft (1.5 m) VGA Cable, 6.0 ft (1.8 m) Detachable Power Cord, Remote Control (with 2x AAA Batteries)

Optional Accessories:

Replacement Filter, Wall Mount, Ceiling Mount, Ceiling Post and Plate

Specifications: Model EK-50LU

Brightness	5,000 Center Lumens	Image Signal Resizing	Smart Scaling Technology
Contrast Ratio	5,000,000:1	Image Signal Inputs	
Illumination Uniformity	80%	Computer 1	Dsub15 x 1
Resolution and Aspect Ratio	WUXGA (1920x1200), 16:10	Digital Video (w/ HDCP)	HDMI x 2
Color Reproduction	10-bit (1.07 billion colors)	USB-A - Memory Viewer	USB Type A x 1
Projection Light Source	Laser + Phosphor	USB-B - Display / Firmware	USB Type B x 1
Estimated Light Source Life (Eco / Norm):	30,000 / 20,000 hours	Composite Video	RCA x 1
Total Pixels	6,912,000 (1920x1200) x 3	Audio Signal Inputs	
Imaging System	0.64 in (16 mm) inorganic LCD Panels x 3	Computer Audio	MiniStereo x 1
Scanning Frequency	Auto: H Sync. 15-100 KHz, V Sync. 24-85 Hz	Video Audio	RCA x 2 (L/R)
Pixel Clock	300 MHz	Outputs	
Lens	Attached - Manual Focus	Computer Monitor	Dsub15 x 1
Lens Specs	f: 1.6; FL: 0.25 in (6.39 mm)	Audio Output	Variable, Stereo: MiniStereo x 1
Lens Ratios	Throw:Width 0.44:1	Speaker	Mono: 16 Watt
Image Diagonal	55-130 in (140-330 cm)	Fan Noise (Eco / Normal)	28 dB / 37 dB
Image Width	3.9-9.2 ft (1.2-2.8 m)	Cabinet Size (HxWxD) - excluding legs	5.7 x 15.4 x 12.6 in (14.4 x 39.0 x 31.9 cm)
Throw Distance	1.7-4.0 ft (0.53-1.23 m)	Weight	12.1 lb (5.5 kg)
Fixed Image Offset	99%	Packaged Cabinet Size (HxWxD)	9.4 x 19.4 x 17.4 in (23.9 x 49.2 x 44.3 cm)
Projector Elevation Adjustment (legs)	10°	Packaged Weight	15.4 lb (7.0 kg)
Maximum Pitch	Up-to 360° Installation	Operating Temperature	41-104°F (5-40°C)
Vert/Horiz. Keystone Correction	Manual: V: +/- 15° H: +/- 15°, Corner Keystone	Electrical Safety Compliance	IEC / UL / cUL
Image Orientation	Normal, Reversed, Inverted	Electromagnetic Compatibility	FCC Class B, CE Mark
Local Control / Power Management	Full Function / Auto Shutdown	Power Requirements	100-240V AC, 50/60 Hz
Remote Control	Wireless x 1	Power Consumption	0.5 W in Eco Standby mode, up-to 290 W
RS-232 Control	Dsub9 x 1	Heat	990 BTU
LAN Port	RJ45 x 1	Security Facilities	Kensington® Security Slot
Computer Input in Pixels	up-to 1600x1200 (4:3), 3840x2160 (16:9)	User Maintenance	Clean Filter
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA	Limited Warranty: to the original end use customer only	
Analog Wide Inputs	WUXGA, WSXGA+, WXGA	Projector	*3 years / 6,000 hours
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA	Laser Light Engine only	20,000 hours use
Digital Wide Inputs	4K, WUXGA, WSXGA+, WXGA		*(whichever occurs first)
Video Formats	NTSC / PAL / SECAM		
Video Input Analog	480i/p, 576i/p		
Video Input Digital	480p, 576p, 720p, 1080i/p		

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