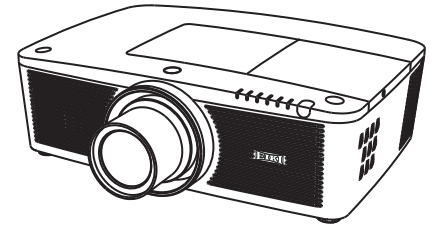# EIKI

Projectors... and more!

LC-XL100
XGA - 3LCD - 5000 Lumens
New High Brightness Optical Engine
Inorganic LCD Panels
Auto-Filter, Shutter, Power Functions

KEY FEATURES: Model LC-XL100

5000 ANSI Lumens bright, at 90%+ uniformity and a 1000:1 contrast ratio.
3 panel LCD imaging for rich color saturated computer and video projection.
XGA resolution. WUXGA ~ MAC compatible
Compatible with Normal and Widescreen input resolutions up to WUXGA and 1080p.
Supports both analog and digital computer and video input in all color standards.
Optional Wideangle and Telephoto lenses. Instant Lens Change System.
Cartridge air filter for mission critical/hard-to-reach installs - up to 10,000 hours use.
Includes most professional input configurations, including 5 BNC and DVI.
Power zoom & focus. V & H Power lens shift. Digital keystone correction.
10 bit color processing for superior color reproduction.
Mechanical shutter for true black screen "no show".
Durable inorganic LCD panels permit extended use.
Variable Power Management Option. Optional Local or Remote Keylock.
Custom Warmup Screen Image Option. Built-in Color Auto Picture Control.
Wireless/wired remote control. Full RS-232 compatibility. Optional network control.
3 Year¹ Projector Warranty!

Great Features:
1. Inorganic imaging engine is optimized for extended use.
2. Cartridge air filter system automatically advances to a fresh filter.
3. 7W stereo amplifier and 2 x 3.5" speakers.
4. Mechanical shutter for true black screen.
5. High brightness and contrast. Range of optional lenses 0.8~11.3:1.
6. Built-in self adjusting Air Filter.
7. Physically centered lens. Projector supports pitch through 360°.
8. Power Lens Shift: Up 50%, Left or Right 10%.

Included Accessories: Quick Start Guide. Owner's Manual on CD-ROM. AC Power Cord 10' (3m) Type 3 Detachable. Lens Cover. VGA-type (Dsub15~Dsub15) Computer Input Cable. Wireless/wired Remote with Mouse Control & 2 x AAA batteries.USB Cable for Computer Mouse control.

Optional Accessories: Replacement Lamp. ATA-Style Shipping Case with Wheels and Telescoping Handle. A Range of Wideangle and Telephoto Lenses. Ceiling Mount. Ceiling Post & Plate. PjNet Network Interface.

SPECIFICATIONS: Model LC-XL100

Brightness	up to 5000 ANSI Lumens (with AH-24741 Standard Lens)	Video: Compatibility	SD: 480i/p, 575i/p, HD: 720p, 1035i, 1080i-50/60
Illumination Uniformity	up to 90% (on axis)		1080psf24/25/30 digital only
Size of Color Palette	10-bit / 1.07 Billion Colors	Video: Formats Supported	4:3 and 16:9
Contrast Ratio	up to 1000:1 (lamp control in Auto mode)	Video: Systems	Composite, S-Video,Component Analog, & Digital
Projection Lamp	330 Watt NSHA x 1	Inputs:	
Estimated Lamp Life (Hr.)	up to 3000 Hours of Use	1a. either: Analog Computer: ,	Dsub15 x 1
Imaging System	0.8 Inorganic " Polysilicon active matrix TFT Panels x 3	1b or Digital Computer, or Digital Video w/HDCP	DVI-D x D
Screen Pixels	1024 x 768 in stripe configuration	plus Stereo Audio:	MiniStereo x 1
Total Pixels	2,359,296 ((1024 x 768) x 3)	2a. either Analog Computer (RGBHV):	BNC x 5
Lens Type	Power Zoom & Focus	2b. or Analog Video: (Y,Pb/Cb,Pr/Cr) (BNC x 3):	
Lens Specs	Speed: f: 1.7~2.3; FL: 1.06~1.78 in. (26.9~45.4mm)	plus, Stereo Audio:	MiniStereo x 1
Lens Ratios	Zoom Max:Min: 1.7:1; Throw: Width: 1.70~2.89:1	3. either Composite Video:	RCA x 1
Image Diagonal	40~400 in. (101.6~1016 cm)	or S-Video:	S-Video x 1
Image Width	2.67~26.6 ft. (0.81~8.1m.)	plus, Stereo Audio:	RCA x 2
Throw Distance (wide ~ tele)	4.3~75.1 ft. (1.30~22.9m.)	Outputs:	
Front Elevation	up to 4.0° up or down	Analog Computer:	HD15 x 1
Projector Orientation	360° Pitch (including normal, inverted, up,down	Stereo Audio - Variable Line	Stereo: MiniStereo x 1
Vertical Power Lens Shift	Variable: Up/Down 50% (T:B) 10:0 ~ 0:10	Audio: Amplifier	Stereo: 7Watts RMS Internal
Horizontal Power Lens Shift	Variable: Left/Right 10% (T:B) 3:2 ~ 2:3	Audio: Built in Speakers	2.0 x 3.5 in. (50 x 90 mm.) x 1
Vertical Keystone Correction	Digital: up tp 40° up or down	Fan Noise	as low as 31 dBA
Horizontal Keystone Correction	Digital: up tp 20° Left or Right	Overall Size (HxWxD)	6.45 x 19.29 x 14.61 in. (164 x 490 x 371 mm.)
Scanning Frequency	Auto: H Sync. 15-100 kHz; V Sync. 48-100 Hz		(excluding protrusions)
Dot Clock	140 MHz Analog / 100 MHz Digital	Weight	21.4 lb (9.7 kg) inc. 1.9 lb (0.85 kg) AH-24741 lens
Image Orientation	Normal, Reversed, Inverted	Packaged Size (HxWxD)	12.5 x 26.8 x 22.9 in. (318 x 681 x 581 mm.)
Local Control / Power Management	Full Function / Auto Shut-off	Packaged Weight	34.8 lb (15.8 kg) inc. 1.9 lb (0.85 kg) AH-24741 lens
Remote Projector & Mouse Control	Wireless / Wired x 1	Power Requirements	100 - 240V AC, 50/60 Hz
Service Port	USB-B x 1	Power Consumption	up to 490 Watts
Wired Remote Jack	Ministereo x 1	Heat	up to 1672 BTU (422 KC)
RS-232 Control	Dsub9 x 1	AC Power Cord	10' (3M) Type 3 detachable x 1
Wired LAN Port	RJ45 x 1	Electrical Safety Compliance	IEC, UL / CUL
Optional Network Interface Port	Dsub25 x 1	Electromagnetic Compatibility	FCC Class B, CE
Native Resolution	1024x768 (XGA)	Security Facilities	Kensington® Security Slot, Security Chain Hook
Image Signal Resizing	Smart Scaling Technology	Operating Temperature	41~104°F (5~40°C)
Computer: Compatibility	WUXGA & UXGA analog only	User Maintenance	Replace Air Filter Cartridge, Replace Lamp
	SXGA+and WXGA ~ VGA and MAC analog or digital	Warranty (to the original end-use customer)	
Computer: Formats	1920 x 1200 ~ 640 x 480	¹Projector	3 Year. / 6000 Hours Use* (Parts/Labor to Correct Defects)
Video: System Compatibility	NTSC/PAL/SECAM/NTSC 4.43/PAL-M/N	Lamp	90 days / 500 Hours Use* (Failed Lamp Replaced Pro-Rata)
			* whichever occurs first

Caution! Laser Radiation 9remote control – Do not stare into beam. Max. Output: 1 mW. Wave Length: 640~660 nm. Class II Laser.
Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.