

# LC-X85K

XGA Boardroom Projector  
7000 ANSI Lumens

***Get the rich color imaging of 3 panel LCD technology in an installation projector with unparalleled brightness and compatibility.***

- ▼ 7000 ANSI Lumens bright, at 90%+ uniformity, and a 2200:1 contrast ratio.
- ▼ A true portable/installation projector, engineered for extended use.
- ▼ New 3LCD+ imaging system delivers more sophisticated color.
- ▼ XGA resolution. Smart data compression/expansion, and video scaling.
- ▼ Equipped with professional input configurations, including 5BNC and DVI.
- ▼ Accepts analog and digital computer input, analog and digital w/HDCP video.
- ▼ Compatible with Computer sources up to WUXGA, video sources up to 1080p.
- ▼ Power zoom and focus. V & H power lens shift. V & H keystone correction.
- ▼ Optional Wideangle and Telephoto lenses. Quick Lens Change System.
- ▼ Quiet operation: fan noise as low as 31.8 dBA. Roll air filter.
- ▼ Wireless/wired remote with mouse. Up to 49x digital zoom.
- ▼ Converts Interlace to Progressive scan. 2-3 pulldown support.
- ▼ Variable Power Management Option. Optional Local or Remote Keylock.
- ▼ Custom Warmup Screen Image Option. Built-in Color Auto Picture Control.
- ▼ 3 Year\* Projector Warranty!



## ***Breakthrough Features***

1. New 3LCD+ imaging system for high brightness and color purity.
2. Our brightest portable: 7000 ANSI Lumens at 2200:1 contrast.
3. Inorganic imaging engine is optimized for extended use.
4. Self-advancing cartridge air filter reduces maintenance.
5. Horizontal lens shift and vertical projector orientation.
6. Compatibility up to WUXGA analog, 1080p(psf/24/25/30)digital.
7. NEW Mechanical Shutter for true "black screen."
8. NEW assignable audio inputs for "audio-follows-video" switching.

**EIKI**  
Projectors... and more!

# LC-X85K 7000 ANSI Lumens

## SPECIFICATIONS:

Screen Brightness	up to 7000 ANSI Lumens (with AH-23081 lens)
Illumination Uniformity	90%+
Color Reproduction	10 bit/1.07 Billion Colors
Contrast Ratio	2200:1 (Full ON/OFF)
Horizontal Resolution	800 TV Lines (HDTV)
Projection Lamp	330 Watt NSHA
Estimated Lamp Life	up to 3,000 hrs.
Imaging System	1.3" inorganic PolySilicon TFT Panels x 3 with proprietary Color Control Device (3LCD+)
Screen Pixels	1024 x 768 in stripe configuration
Total Pixels	2,359,296 ((1024 x 768) x 3)
Lens	Not Included
Image Diagonal	31~400 in. (78.8~1016 cm)
Image Width	2.07~26.7 ft. (0.63~8.2 m)
Throw Distance	See specifications of selected lens
Front Elevation	up to 6.5° up
Maximum Pitch	Unlimited: anywhere up to 360° off the horizontal axis
Projector Orientation	Normal, Inverted, Straight Up, Straight Down
Vertical Anti Keystone	Power Lens Shift, Ratio (Top:Bottom) 10:0~1:1
Horizontal Anti Keystone	Power Lens Shift, Ratio (Left:Right) 2:3~3:2
Vertical Keystone Correction	Digital: up to 40° up or down
Horizontal Keystone Correction	Digital: up to 20° left or right
Scanning Frequency	Auto: H Sync. 15-100 kHz; V Sync. 48-100 Hz
Dot Clock	180 MHz
Image Orientation	Normal, Reversed, Inverted
Local Control/Power Management	Full Function/Auto Shut-Off
Remote Projector & Mouse Ctrl	Wireless/Wired x 1
Ports:	Mouse: USB-Bx1, Control: DB9 x1, Wired RC: MiniStereo x 1
Computer Native Resolution	1024 x 768 (XGA)
Computer: Compatibility	WUXGA, & UXGA (analog only), SXGA+, WXGA, XGA, SVGA, VGA & MAC
Computer: Formats	1920x1200 through 640 x 480
Computer: Image Sizing	Normal, or Smart Compressed or Expanded
Video: System Compatibility	NTSC/PAL/SECAM/NTSC 4.43/PAL-M/N
Video: Compatibility	480i/p, 575i/p, 720p, 1035i, 1080i-50/60 1080psf24/25/30 (digital only)
Video: Formats Supported	4:3 and 16:9
Video: Image Resizing	Video Scaling Technology
Video: Systems	Composite, S-Video, Component (Y,Pb/Cb,Pr/Cr)
Image Signal Inputs:	
1a. either Computer:	HD15 x 1 RGB
1b.	or DVI-D x 1 Digital Computer or Video Input w/ HDCP
2a. either Computer:	BNC x 5 (RGBHV)
2b. or Video:	BNC x 3 (Composite/Component: Y,Pb/Cb,Pr/Cr)
3. Video:	RCA x 3 (Composite/Component: Y,Pb/Cb,Pr/Cr) S-Video x 1
Image Signal Outputs:	
Computer: Monitor	HD15 x 1 on Input 1 (switchable)
Audio Signal Inputs	MiniStereo x 2 (assignable)
Audio Signal Outputs	MiniStereo x 1 (variable)
Fan Noise	as low as 35 dBA
Size (HxWxD)	7.36 x 14.56 x 17.32 in. (187 x 370 x 440 mm) without lens & including height of leg (0.28in. 7 mm)
Weight	25.1 lb. (11.4 kg)
Packaged Size (HxWxD)	15.2 x 19.4 x 24.8 in. (388 x 492 x 630 mm)
Packaged Weight	35.1 lb. (15.9 kg)
Power Requirements	100-240V AC, 50/60Hz
Power Consumption/Heat:	491 W/1675 BTU/hr (422 Kcal/hr)
Power Cord	10' (3 M) Type 3, Detachable
Electrical Safety Compliance	IEC/UL/cUL
Electromagnetic Compatibility	FCC Class B, CE Mark
Security Facilities	Kensington® Security Slot
Operating Temperature	41~104°F (5~40°C)
User Maintenance	Replace Air Filter Cartridge, Replace Lamp



**Hg** Lamp Contains Mercury. Do not put in trash. Dispose-of-as Hazardous Waste, according to the laws in your jurisdiction.

### INCLUDED ACCESSORIES:

Owner's Manual on CD-ROM. QuickStart Manual. AC Power Cord. VGA-type Computer Input Cable (Dsub15~Dsub15). Wireless/wired Remote with Mouse Control & 2 x AAA batteries. USB Cable for Computer Mouse control. Remote Control Cable, Lens Mount Attachment, Lens Light Block, Lens Spacer.

### OPTIONAL ACCESSORIES:

Replacement Lamp. Soft Carry Bag with Wheels and Telescoping Handle. ATA-Style Shipping Case with Wheels and Telescoping Handle. A Range of Wideangle and Telephoto Lenses. Ceiling Mount. Ceiling Post and Plate. 100' (30 M) Wired Remote Cable. PiNET Network Interface. Replacement Air Filter Cartridge.

Talk to your EIKI Dealer... the "pro" in projectors.



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# EIKI

Projectors... and more!

Specifications subject to change without notice.

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