

***A perfect projector for the classroom, with performance features and network control.***

### ***Key Features***

- ◆ 3,000 ANSI Lumens, 85% uniformity, and 500:1 contrast ratio.
- ◆ Weighs 6.2 lbs. (2.8 kg)! Compact and lightweight design.
- ◆ 3 panel LCD imaging delivers a rich, color saturated picture.
- ◆ True XGA resolution. UXGA-VGA and MAC compatible.
- ◆ Quiet operation: fan noise as low as 29 dBA.
- ◆ Smart data compression/expansion, and video scaling.
- ◆ Convenient mid-range (1.6:1) manual zoom and focus lens.
- ◆ Preset image offset. Vertical digital keystone correction.
- ◆ Accepts Composite, Component and S-Video in all major standards.
- ◆ Displays both 4:3 and 16:9 formats. Supports most HDTV resolutions.
- ◆ Converts Interlace to Progressive scan. 3-2/2-2 Pulldown support.
- ◆ Built-in 7 Watt sound system. Closed caption decoding (NTSC).
- ◆ Wired Network Monitoring and Control. Digital Zoom: 50%~400%.
- ◆ Variable Power Management option. Optional local or remote keylock.
- ◆ VGA & DVI-I computer inputs, and VGA computer monitor output.
- ◆ Custom warm-up screen option. Colorboard modes.
- ◆ Wireless remote control with mouse control and laser pointer.
- ◆ 3 Year Projector Warranty!

### ***Outstanding Features***

1. *Inexpensive projector with zoom lens and network monitoring and control.*
2. *Fast, wide-range zoom. Screen filling brightness. 7 Watts of sound power.*
3. *Quiet operation. Long-life lamp. Power saving features. Closed Caption Decoding.*
4. *Auto Setup: Keystone correction, Input search, PC adjust.*
5. *UXGA & WXGA compatible. Interlace to Progressive conversion.*
6. *Turn ON and Show! ("instant" ON). Turn OFF and Go! (no cooldown).*

# LC-XB100A



**3,000 Lumens • XGA • 3LCD  
"Brilliant" Series Projector**

**NEW! Low Power Consumption in Standby Eco  
High Speed Wide Range Zoom Lens  
Wired LAN Connection**



**EIKI**<sup>®</sup>  
Projectors... and more!

**SPECIFICATIONS:**

Brightness	up-to 3,000 ANSI Lumens
Contrast Ratio	up-to 500:1
Illumination Uniformity (corner to center)	85%
Resolution and Aspect Ratio	XGA (1024x768), 4x3
Color Reproduction	8-bit (16.7 million colors)
Projection Lamp	225 Watts UHP
Estimated Lamp Life	up-to 2,500 Hours
Total Pixels	2,359,296 ((1024x768) x 3)
Imaging System	0.63 in (16 mm) PolySilicon active matrix TFT Panels x 3
Scanning Frequency	Auto: 15~100 kHz; 50~100 Hz
Pixel Clock	up-to 140 MHz
Lens	Attached - Manual Zoom and Focus
Lens Specs	Speed: 1.65~2.33; FL: 0.609~0.965 in (15.5~24.5 mm)
Lens Ratios	Zoom Max:Min: 1.6:1; Throw:Width 1.18~1.91:1
Image Diagonal	30~300 in (76~762 cm)
Image Width	2.0~20 ft (0.61~6.1 m)
Throw Distance (Wide-Tele)	2.3~23.7 ft (0.69~7.23 m)
Projector Elevation Adjustment (legs)	up-to 12° Up
Maximum Pitch	up-to 30° Up or Down
Vertical Lens Shift (% of image height)	Fixed: 40% Up
Vertical Keystone Correction	Digital: up-to 30° Up or Down
Image Orientation	Normal, Reversed, Inverted
Local Control/Power Management	Full Function/Auto Shutdown
RS-232 Control Port	Dsub9 x 1
Remote Projector Control	Wireless (Infra Red) x 1
LAN Port	RJ45 x 1
Computer Input Pixel Range	1920x1200~640x480
Computer In 4x3 analog	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Computer In Wide analog	WUXGA, WSXGA+, WXGA
Computer In 4x3 digital	SXGA+, SXGA, XGA, SVGA, VGA
Computer In Wide digital	WUXGA, WSXGA+, WXGA+, WXGA
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Video In Analog	480i/p, 575i/p, 720p, 1035i, 1080i
Video In Digital	480p, 575p, 720p, 1035i, 1080i
Image Signal Resizing	Smart Scaling Technology
Image Signal Inputs	
1a. Analog Computer	Dsub15 x 1
1b. Component Video (with optional adapter)	
2. Computer Digital & Analog / Digital Video	DVI x 1
3. Composite Video	RCA x 1
4. S-Video	S-Video x 1
Audio Signal Inputs	
For Inputs 1 & 2	Stereo: MiniStereo x 1
For Input 3	Stereo: RCA x 2
Outputs	
Computer Monitor	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Mono: 7 Watt
Speaker	1.4 in (3.7 cm) x 1 (Mono)
Fan Noise	as low as 29 dBA
Cabinet Size (HxWxD)	3.3 x 12.8 x 9.1 in (8.3 x 32.6 x 23.2 cm) (excluding legs and lens)
Weight	6.2 lb (2.8 kg)
Packaged Size (HxWxD)	9.4 x 17.3 x 16.8 in (23.8 x 43.9 x 42.8 cm)
Packaged Weight	12.3 lb (5.6 kg)
Power Requirements	100-240V AC, 50/60Hz
Power Consumption	0.5 W in Standby Eco up to 302 W
Heat	1.7 BTU/hr (1.8 kJ/hr) in Eco Standby mode, up-to 1,031 BTU/hr (1,088 kJ/hr)
Power Cord	7.5' (2.3 m) Type C13, Detachable
Electrical Safety Compliance	IEC / UL / cUL
Electromagnetic Compatibility	FCC Class B, CE Mark
Security Facilities	Kensington® Security Slot
Operating Temperature	41~95°F (5~35°C)
User Maintenance	Clean Air Filter, Replace Lamp
UPC	4571194673760
Limited Warranty: to the original end-use customer only	
Projector	3 years
Lamp	6 months ownership / 500 hours use (whichever occurs first)

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LC-XB100A - XGA "Brilliant" Series Projector.



Includes a full complement of connections, including network control.



Built-in RJ-45 LAN port.



Wireless mouse receiver.



Remote control.



**INCLUDED ACCESSORIES:**

Owner's Manual on CD-ROM. Quick Start Guide. AC Power Cord. Lens Cover. VGA type Computer Input Cable (Dsub15) Wireless Remote Control & Batteries (AAA x 2). USB IR receiver. Network Software on CD-ROM. Soft Carry Bag.

**OPTIONAL ACCESSORIES:**

Replacement Lamp. Component Video Input Cable (Dsub15~3-RCA). Ceiling Mount. Ceiling Post and Plate.



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