

# LC-XBM31

3,000 ANSI Lumens • XGA • 3LCD

Brilliant Series Projector



## Key Features:

- ◆ 3,000 ANSI lumens bright with 85% uniformity and a 2000:1 contrast ratio.
- ◆ Native XGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ◆ Supports analog video input in all color standards up-to 1080i.
- ◆ 3 panel LCD imaging delivers a rich, color-saturated picture.
- ◆ 8-bit color processing yields a 16.7 million color palette.
- ◆ Convenient midrange (1.2:1) manual zoom and focus lens.
- ◆ Fixed image offset. Automatic vertical digital keystone correction.
- ◆ Two Dsub15 computer inputs. Switchable monitor output.
- ◆ 10 W sound system. Mic input for PA. Closed Caption decoding (NTSC).
- ◆ Built-in wired LAN connection for projector monitoring and control.
- ◆ Power management and Eco mode help prolong lamp life.
- ◆ Wireless remote control. Digital zoom 50-400%.
- ◆ Color board modes. Custom warm-up screen option. Auto input selection.
- ◆ Kensington® security slot. Local or remote keylock functions.
- ◆ Warranties. Projector: 3 years. Air Filter: 2 years. Lamp: 1 year.

The cost effective LC-XBM31 projector offers reduced maintenance and enhanced picture and sound. Here's 3,000 lumens of 3LCD imaging at XGA resolution. For less demanding rooms, consider the 2,600 lumen LC-XBM26, or the 2,200 lumen LC-XBM21 (both with slightly longer throw ratios).

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

## LC-XBM31 SPECIFICATIONS

Brightness	up-to 3,000 ANSI Lumens	
Contrast Ratio	up-to 2000:1	
Illumination Uniformity (corner to center)	85%	
Resolution and Aspect Ratio	XGA (1024x768), 4x3	
Color Reproduction	8-bit (16.7 million colors)	
Projection Lamp	215 Watts UHP	
Estimated Lamp Life	up-to 6,000 Hours	
Imaging System	0.63 in (16 mm) LCD Panels x 3	
Total Pixels	2,359,296 ((1024x768) x 3)	
Scanning Frequency	Auto: 15 - 100 kHz; V; 50 - 100 Hz	
Pixel Clock	up-to 140 MHz	
Lens	Attached - Manual Zoom and Focus	
Lens Specs	Speed: 2.00 - 2.15; FL: 0.72 - 0.87 in (18.38 - 22.06 mm)	
Lens Ratios	Zoom Max:Min: 1.2:1; Throw:Width 1.43 - 1.72:1	
Image Diagonal	40 - 300 in (102 - 762 cm)	
Image Width	2.8 - 20 ft (0.7 - 6.1 m)	
Throw Distance (Wide-Tele)	3.6 - 34.4 ft (1.1 - 10.5 m)	
Projector Elevation Adjustment (legs)	up-to 10° Up	
Maximum Pitch	up-to 30° Up or Dow	
Vertical Lens Shift (% of image height)	Fixed: 36% Up	
Vertical Keystone Correction	Digital: up-to 30° Up or Down	
Image Orientation	Normal, Reversed, Inverted	
Local Control / Power Management	Full Function / Auto Shutdown	
RS232 Control Port	Dsub9 x 1	
Remote Projector Control	Wireless (Infra Red) x 1	
LAN Port	RJ45 x 1	
Computer Input Pixel Range	up-to 1600x1200 (4:3), 1920x1200 (16:10)	
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	
Analog Wide Inputs	WUXGA, WSXGA+, WSXGA, WXGA+, WXGA	
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N	
Image Signal Resizing	Smart Scaling Technology	
Video In Analog	480i/p, 575i/p, 720p, 1035i, 1080i	
Image Signal Inputs:		
1. Analog Computer		
Component Video with optional adapters	Dsub15 x 1	
S-Video with supplied adapter		
2. Analog Computer		
Switchable Monitor Output Port	Dsub15 x 1	
3. Composite Video	RCA x 1	
Audio Signal Inputs:		
Computer Audio Input / Microphone Input	MiniStereo x 1	
Video Audio Input	Stereo: RCA x 2	
Outputs:		
Computer Monitor (by switchable input port)	Dsub15 x 1	
Audio Output	Variable, Stereo: MiniStereo x 1	
Amplifier	10 Watt	
Speaker	1.6 in (4 cm) x 1	
Fan Noise	as low as 29 dBA	
Cabinet Size (HxWxD)	3.98 x 13.13 x 9.72 in (10.1 x 33.5 x 24.7 cm) (excluding legs)	
Weight	6.4 lb (2.9 kg)	
Packaged Size (HxWxD)	8.3 x 16.5 x 15.7 in (21 x 42 x 40 cm)	
Packaged Weight	11 lb (5 kg)	
Power Requirements	100 - 240V AC, 50/60 Hz	
Power Consumption	0.4 W in Eco Standby mode, up-to 286 W	
Heat	up-to 1,058 BTU/hr	
Power Cord	10 ft (3 m) IEC Type C13, Detachable	
Electrical Safety Compliance	IEC / UL / cUL	
Electromagnetic Compatibility	FCC Class B, CE Mark	
Security Facilities	Kensington® Security Slot, PIN Code and Key Locks	
Operating Temperature	41 - 95°F (5 - 35°C)	
Air Filter	Replaceable, up-to 5,500 Hours	
User Maintenance	Clean Air Filter - Replace Filter & Lamp as Indicated	
UPC	4571194674651	
Limited Warranty: to the original end-use customer only		
Projector	3 Years	
Lamp	1 year ownership / 2,000 hours use (whichever occurs first)	
Air Filter	2 years ownership / 4,000 hours use (whichever occurs first)	

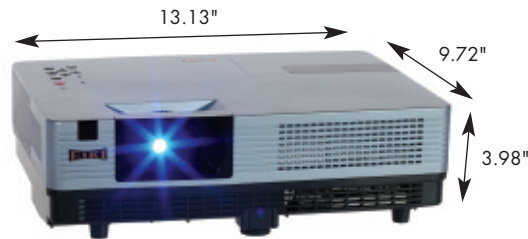
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Projectors... and more!

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## Long Life Lamp and Air Filter Auto Iris Heightens Contrast Ratio 10 W Sound System & Mic Input for PA



XGA • 3LCD • Brilliant Series Projector.



Remote control.



Top-accessed lamp compartment.



High efficiency air filter.



Ready to connect and project. Built-in LAN connection.



Mic input for P/A or Voice-over.

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



### INCLUDED ACCESSORIES:

Quick Start Guide, Owner's Manual on CD-ROM, Network Software on CD-ROM, Power Cord, VGA Computer Input Cable (Dsub15 to Dsub15), Wireless Remote Control (with 2 AAA Batteries), Lens Cap, Filter Cover (for use with ceiling mount - inverse installation), S-Video Input Cable (Dsub15 to S-Video).

### OPTIONAL ACCESSORIES:

Replacement Lamp, Replacement Air Filter, Component Video Input Adapter Cable (Dsub15 to 3RCA), RS232 Control Cable (Dsub9 to Dsub9), Soft Carry Bag, Ceiling Mount, Post & Plate.

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