



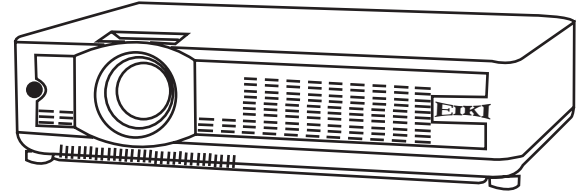
# LC-XB31

Projectors... and more!

## KEY FEATURES: Model LC-XB31

- Weights only 6.8 lbs (3.1 kg)! Footprint slightly larger than a sheet of paper!
- 2500 ANSI Lumens, 85% uniformity, and 450:1 contrast ratio.
- 3 panel LCD imaging delivers a rich, color saturated picture.
- True XGA resolution. WXGA and UXGA-VGA and MAC compatible.
- Quiet operation: fan noise as low as 28 dBA.
- Smart data compression / expansion, and video scaling.
- Convenient mid-range (1.2:1) 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 Pull-down support.
- Variable Power Management option. Optional local or remote keylock.
- VGA-type computer input. Auto input search.
- Custom warm-up screen option. Green chalkboard projection mode.
- Wireless remote control. 16X digital zoom. Turn OFF and GO!
- 3 Year\* Projector Warranty!

## XGA "Brilliant" Series



LC-XB31

**Included Accessories:** Owner's Manual on CD-ROM. Quick Start Guide. AC Power Cord. Lens Cover. VGA type Computer Input Cable (HD15 ~ HD15). Wireless Remote Control & Batteries (AA x 2).

**Optional Accessories:** Soft Carry Bag. Replacement Lamp. Component Video Input Cable (HD15-3-RCA). DB9-Mini Din-8 cable for RS-232 control. Luggage-Style ("wheelie") Carrying Case with Wheels, Telescoping Handle, and Detachable Computer Compartment. Ceiling Mount. Ceiling Post and Plate. 33' (10m) Extension Cable for Serial Cable.

## SPECIFICATIONS: Model LC-XB31

Screen Brightness .....	up to 2500 ANSI Lumens	Video: Compatibility.....	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Illumination Uniformity .....	85%	Video: HD Compatibility.....	480i/p, 575i/p, 720p, 1035i, 1080i
Size of Color Palette .....	16.7 Million	Video: Formats Supported .....	Normal 4:3 and Wide Screen 16:9
Contrast Ratio .....	450:1 (Full ON/OFF)	Video: Image Sizing .....	Video Scaling Technology
Projection Lamp .....	220 Watt UHP	Image Signal Inputs	
Estimated Lamp Life .....	up to 3000 Hours of Use	Computer In 1 / Component In (with optional adapter) .....	HD15 x 1
Imaging System .....	0.63" PolySilicon active matrix TFT Panels x 3	Computer In 2 / Monitor out (switchable) .....	HD15 x 1
Screen Pixels .....	1024 x 768 in stripe configuration	Video In .....	RCA x 1 (Composite) S-Video x 1 (Y/C)
Total Pixels .....	2,359,296 ((1024 x 768 ) x 3)	Audio Signal Inputs	
Lens Type .....	Manual Zoom and Focus	Computer 1 & 2 / Component .....	Stereo: Ministereo x 1
Lens Specs.....	Speed: f:1.65~1.81; FL: 0.886~1.063 in. (22.5~27 mm)	Composite/S-Video .....	RCA x 2 (L & R)
Lens Ratios.....	Zoom Max:Min: 1.2:1; Throw:Width: 1.72~2.07:1	Audio: Amplifier .....	Mono: 1 Watt RMS
Image Diagonal .....	40~300 in. (102~762 cm)	Audio: Output.....	Stereo: Ministereo x 1 (Variable)
Image Width .....	2.67~20 ft. (0.84~6.1 m.)	Audio: Built In Speakers .....	1.1 in. (2.8 cm) x 1
Throw Distance (Wide / Tele) .....	4.6~41.3 ft. (1.4~12.6 m.)	Fan Noise .....	as low as 28 dBA
Front Elevation / Maximum Pitch .....	up to 10° up / up to 10° up or down	Cabinet Size** (HxWxD) .....	3.1 x 13.2 x 9.4in. (79.6 x 335 x 238.4mm.)
Anti Keystone .....	Fixed Image Offset, Ratio (Top:Bottom) 9:1		** excluding legs and lens
Vertical Keystone Correction .....	Digital: up to 20° up or down	Weight .....	6.8 lbs. (3.1 kg)
Scanning Frequency .....	Auto: H Sync. 15-100kHz; V Sync. 50-100Hz	Packaged Size (H x W x D) .....	8.4 x 16.9 x 16.2in. (213 x 429 x 411mm.)
Dot Clock .....	140 MHz	Packaged Weight .....	11.0 lb (5.0 kg)
Image Orientation .....	Normal, Reversed, Inverted	Power Consumption .....	up to 245 Watts
Local Control / Power Management .....	Full Function / Auto Shutdown	Heat.....	836 BTU (211 KC)
Remote Projector Ctrl .....	Wireless (Infra Red) x 1	Power Requirements .....	100-240V AC, 50/60Hz
Service Port (for RS-232 control).....	Mini DIN 8 Pin x 1	Power Cord .....	10' (3M) Type 3, Detachable
Computer Native Resolution .....	1024 x 768 (XGA)	Electrical Safety Compliance .....	UL, cUL, IEC
Computer: Compatibility .....	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA & MAC	Electromagnetic Compatibility.....	FCC Class B, CE Mark
Computer: Formats.....	1600 x 1200 through 640x480	Security Facilities.....	Kensington® Security Slot
Computer: Higher Resolutions .....	Displayed panned or Smart Compressed	Operating Temperature.....	41~95°F (5~35°C)
Computer: Lower Resolution .....	Displayed normal or Smart Expanded	User Maintenance .....	Clean Air Filter, Replace Lamp
		Warranty: (to the original end-use customer)	
		Projector: .....	3 Yr. / 6000 Hr. *(Parts & Labor to Correct Defects)
		Lamp: .....	90 Days (Failed Lamp Replaced Pro-Rata)
			* Whichever occurs first

### Outstanding Features:

1. Low cost / High Brightness = affordable & low cost per lumen.
2. Compact and lightweight: easy to carry or install.

3. UXGA & WXGA compatible. Interlace to Progressive conversion.
4. Turn ON and Show! (Countdown can be optionally skipped).
5. Turn Off and Go! (AC power cord can be removed immediately after OFF).

Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Laws in your jurisdiction.

Specifications subject to change without notice. ©2008 Eiki International, Inc. Issued January 1, 2008.

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