



A-key to better communications.

# LC-XB22

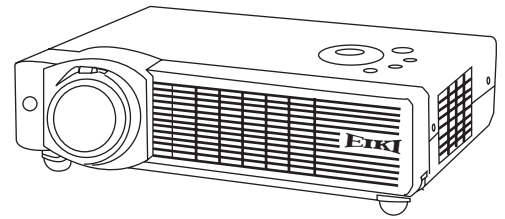
## KEY FEATURES: Model LC-XB22

Weights about 6 lbs! Footprint about the same as a sheet of paper!  
2000 ANSI Lumens, 85% uniformity, and 450:1 contrast ratio.  
3 panel LCD imaging delivers a rich, color saturated picture.  
True XGA resolution. SXGA, XGA, SVGA, and VGA compatible.  
Quiet operation: fan noise as low as 33.5 dBA in Eco mode.  
Smart data compression / expansion, and video scaling.  
Convenient wide range (1.5:1) manual zoom and focus lens.  
Preset image offset. Vertical digital keystone correction.  
Accepts Composite, S, and Component Video in all major standards.  
Displays both Regular 4:3 and Widescreen 16:9 ratio video formats.  
Supports all HDTV resolutions. Converts Interlace to Progressive scan.  
Variable Power Management option. Optional local or remote keylock.  
VGA-type computer input. Slideshow Page Up/Down on remote control.  
Custom warm-up screen image option. Factory defaults reset.  
Wireless remote with Laser pointer. 7X digital zoom.  
3 Year\* Projector Warranty!

**Features:** The XB22 is our economical Classroom model. It lacks remote mouse control, a DVI connector, related features, a carry bag, and other enhancements. It includes:

1. Two VGA-Type (HD15) inputs.
2. Brushed Silver cabinet color.
3. "Film" function for 3-2 pulldown support.

## XGA "Brilliant" Series



LC-XB22

4. Shutdown fan speed can be set to continue at current rate or maximum.
5. Projector Lock (4 digit) prevents use by unauthorized persons.
6. Logo Lock (4 digit) prevents logo change by unauthorized persons.
7. "Blackboard" mode optimizes image when projected on a greenboard.
8. Fan noise 33.5 dBA in Eco mode.
9. Contrast ratio 450:1.

**Included Accessories:** Owner's Manual. AC Power Cord. Lens Cover. VGA type Computer Input Cable (HD15 ~ HD15). Wireless Remote Control with Laser Pointer & Batteries (AA x 2).

**Optional Accessories:** Soft Carry Bag. Replacement Lamp. USB cable for slideshow Page Up / Page Down. Component Video Input Cable (HD15~3-RCA). MAC Adapter. MAC Monitor Cable. DB9-Mini Din-8 cable for RS-232 control. Luggage-Style ("wheelie") Carrying Case with Wheels, Telescoping Handle, and Detachable Computer Compartment. ATA-Style Shipping Case with Wheels and Telescoping Handle. Ceiling Mount. Ceiling Post and Plate. 33' (10m) Extension Cable for Serial Cable. EZtrol Local Control. NPC-1 Network Control.

## SPECIFICATIONS: Model LC-XB22

Screen Brightness	2,000 ANSI Lumens / 1,500 in Eco mode	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
Horizontal Resolution	800 TV Lines	Image Signal Inputs	
Projection Lamp	200 Watt UHP	* Computer In 1 / Component In	HD15 x 1
Estimated Lamp Life	up to 2,000 Hours	* Computer In 2 / Monitor out	HD15 x 1
Imaging System	0.79" PolySilicon active matrix TFT Panels x 3	Video In :	RCA x 1 (Composite) S-Video x 1 (Y/C)
Screen Pixels	1024 x 768 in stripe configuration	Audio Signal Inputs	
Total Pixels	2,359,296 ((1024 x 768 ) x 3)	* Computer 1 & 2 / Component	Stereo: Ministereo x 1
Lens Type	Manual Zoom and Focus	* Composite/S-Video	RCA x 2 (L & R)
Lens Specs	Speed: f:1.7~2.5; FL: .787~1.181 in. (20~30 mm)	Audio: Amplifier	Mono: 1 Watt RMS
Lens Ratios	Zoom Max:Min: 1.5:1; Throw:Width: 1.25~1.87:1	Audio: Built In Speakers	1.1 in. (2.8 cm) x 1
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.)	Fan Noise	37.5 dBA / 33.5 dBA (in Eco mode)
Throw Distance	3.3~25.3 ft. (1.0~7.7 m.)	Cabinet Size** (HxWxD)	2.8 x 11.73 x 8.58in. (71 x 298 x 218mm.)
Front Elevation / Maximum Tilt	up to 11.8° up / +/- 90°		** excluding legs and lens
Anti Keystone	Fixed Image Offset, Ratio (Top:Bottom) 9:1	Weight	6.2 lbs. (2.8 kg)
Vertical Keystone Correction	Digital: up to 20° up or down	Packaged Size (H x W x D)	13.4 x 16.6 x 14.4in. (340 x 420 x 365mm.)
Scanning Frequency	Auto: H Sync. 15-100kHz; V Sync. 50-100Hz	Packaged Weight	13.9 lb (6.3 kg)
Dot Clock	130 MHz	Power Requirements	100-240V AC, 50/60Hz
Image Orientation	Normal, Reversed, Inverted	Power Consumption	275 W / 212 W in Eco (7W in Standby)
Local Control / Power Management	Full Function / Auto Shut-Off	Heat	939 BTU/hr (237 Kcal/hr) / 724 BTU/hr (183 Kcal/hr) in Eco
Remote Projector Ctrl	Wireless (Infra Red) with Laser Pointer x 1	Power Cord	10' (3M) Type 3, Detachable
Slideshow Page Up / Page Down Port	USB type B x 1	Safety Compliance	UL Listed
Service Port (for RS-232 control)	Mini DIN 8 Pin x 1	Security Facilities	Kensington® Security Slot
Computer Native Resolution	1024 x 768 (XGA)	Operating Temperature	41~95°F (5~35°C)
Computer: Compatibility	SXGA, XGA, SVGA, VGA	User Maintenance	Clean Air Filter, Replace Lamp
Computer: Formats	1400 x 1050 through 640x480	Warranty: Projector	3 Yr. / 6000 Hr. *(Parts & Labor to Correct Defects)
Computer: Higher Resolutions	Displayed panned or Smart Compressed	Warranty: Lamp	90 Days (Failed Lamp Replaced Pro-Rata)
Computer: Lower Resolution	Displayed normal or Smart Expanded		* Whichever occurs first

**Caution! Laser Radiation – Do not stare into beam. Max. Output: 1 mW. Wave Length: 640~660 nm. Class II Laser Product.**

**Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.**

Specifications subject to change without notice. ©2005 Eiki International, Inc. Issued February 1, 2005.

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