

LC-XB42

XGA "Brilliant" Series
4500 ANSI Lumens

Get the rich color imaging of 3-panel LCD technology in a compact, lightweight projector. More than bright ... it's Brilliant!

- ▼ 4500 ANSI Lumens, 85% uniformity, and 500:1 contrast ratio.
- ▼ Weighs less than 8 lbs! Compact, low-profile design!
- ▼ 3 panel LCD imaging delivers a rich, color saturated picture.
- ▼ XGA resolution. WXGA, UXGA-VGA and MAC compatible.
- ▼ Quiet operation: fan noise as low as 31 dBA in Eco mode.
- ▼ Smart data compression/expansion, and video scaling.
- ▼ Convenient mid-range 1.6:1 manual zoom and focus lens.
- ▼ Two Dsub15 computer inputs, plus one Dsub15 computer monitor output.
- ▼ Preset image offset. Auto Vertical digital keystone correction.
- ▼ Accepts Composite, S, and Component Video in all major standards.
- ▼ Displays both 4:3 and 16:9 formats. Supports most HDTV resolutions.
- ▼ Converts Interlace to Progressive scan. 3-2 (and 2-2) Pulldown support.
- ▼ Variable Power Management option. Optional local or remote keylock.
- ▼ Custom warm-up screen image option. Factory defaults reset.
- ▼ Wireless remote control. 16X digital zoom. Auto input search.
- ▼ Green chalkboard projection mode.
- ▼ 3 Year* Projector Warranty!



Outstanding Features

1. Wide-range (1.6X) short-throw to mid-throw (1.15~1.85:1) zoom lens.
2. Two computer inputs plus one computer monitor output.
3. High brightness and contrast, with up to 3000 hrs est. lamp life.
4. Project straight up or down: projector supports pitch through 360°.
5. UXGA & WXGA compatible. Interlace to Progressive conversion.
6. Turn ON and Show! (Countdown can be optionally skipped.)
7. Turn OFF and Go! (A/C cord can be removed immediately.)

EIKI
Projectors... and more!

SPECIFICATIONS:

Brightness	up to 4500 ANSI Lumens
Illumination Uniformity	85%
Size of Color Palette	16.7 Million
Contrast Ratio	500:1 (Full ON/OFF)
Projection Lamp	275 Watt NSHA
Estimated Lamp Life	up to 3000 Hours of Use
Imaging System	0.8" PolySilicon active matrix TFT Panels x 3
Screen Pixels	1024 x 768 in stripe configuration
Total Pixels	2,359,296 ((1024 x 768) x 3)
Lens Type	Manual Zoom and Focus
Lens Specs	Speed: f:1.7~2.5; FL: 0.75~1.19 in. (19.2~30.2 mm)
Lens Ratios	Zoom Max:Min: 1.6:1; Throw:Width: 1.15~1.85:1
Image Diagonal	40~300 in. (101.6~762 cm)
Image Width	2.2~20 ft. (0.67~6.1 m)
Throw Distance (tele-wide)	3.0~37.7 ft. (0.93~11.5 m)
Front Elevation	Up 8.9°
Maximum Pitch	anywhere up to 360° off the horizontal axis
Anti Keystone	Preset Image Offset, Ratio (Top:Bottom) 9:1
Vertical Keystone Correction	Digital: up to 40° up or down
Scanning Frequency	Auto: H Sync. 15-100kHz; V Sync. 50-100Hz
Dot Clock	140 MHz
Image Orientation	Normal, Reversed, Inverted
Local Control/Power Management	Full Function/Auto Shutdown
Remote Projector Control	Wireless (Infra Red) x 1
Service Port (for RS-232 control)	Mini DIN 8 Pin x 1
Computer Native Resolution	1024 x 768 (XGA)
Computer: Compatibility	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA & MAC
Computer: Formats	1600 x 1200 through 640 x 480
Computer: Higher Resolutions	Displayed panned or Smart Compressed
Computer: Lower Resolutions	Displayed normal or Smart Expanded
Video Compatibility	NTSC/PAL/SECAM/NTSC 4.43/PAL-M&N
Video HD Compatibility	480i/p, 575i/p, 720p, 1035i, 1080i
Formats Supported	Normal 4:3 and Wide Screen 16:9
Video: Image Sizing	Video Scaling Technology
Image Signal Inputs	
Computer 1	DSUB15 x 1
Computer 2/Component Video (w/optional adapter)	DSUB15 x 1
Video - Composite	RCA x 1
S-Video	S-Video x 1
Audio Signal Inputs	
Computer 1 & 2/Component (Stereo)	MiniStereo x 1
Composite/S-Video (Stereo)	RCA x 2
Outputs	
Computer Monitor	DSUB15 x 1
Audio (Stereo) - Variable Line	MiniStereo x 1
Sound - Amplifier (Mono)	1 Watt RMS
Sound - Speaker	1.1 in. (2.8 cm) x 1
Fan Noise	as low as 31 dBA
Cabinet Size (HxWxD)	3.07 x 13.15 x 10.3 in. (78 x 334 x 262 mm)
	(Including legs and lens)
Weight	7.9 lb (3.6 kg)
Packaged Size (HxWxD)	10.0 x 16.1 x 14.8 in (255 x 408 x 377 mm)
Packaged Weight	14.3 lbs. (6.5 kg)
Power Requirements	100-240V AC, 50/60Hz
Power Consumption	up to 351 Watts
Heat	up to 1198 BTU (302 KC)
Power Cord	10' (3M) Type 3, Detachable
Safety Compliance	UL, cUL, IEC
Security Facilities	Kensington® Security Slot
Operating Temperature	41~95°F (5~35°C)
User Maintenance	Clean Air Filter, Replace Lamp
Warranty: (to the original end-use customer)	
Projector	3 Years/6000 Hour Use* (Parts/Labor to Correct Defects)
Lamp	90 days (Failed Lamp Replaced Pro-Rata)
	*whichever occurs first



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. AC Power Cord. VGA-type Computer Input Cable (Dsub15~Dsub15). Dsub9~Mini DIN-8 cable for RS-232 control. Wireless Remote Control & Batteries (AA x 2). Soft Carry Bag.

OPTIONAL ACCESSORIES:

Replacement Lamp. Component Video Input Adapter Cable (Dsub15~3-RCA). Scart Video Input Cable (DSUB15~Scart). MAC Adapter. MAC Monitor Cable. 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.

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