

LC-XB42N

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 just over 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.
- ▼ Smart data compression/expansion, and video scaling.
- ▼ Convenient mid-range 1.6:1 manual zoom and focus lens.
- ▼ Preset image offset. Auto Vertical digital keystone correction.
- ▼ Two computer inputs, plus one computer monitor output.
- ▼ DVI-I input supports analog & digital data, plus digital video w/HDCP.
- ▼ 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.
- ▼ Slideshow Page Up/Down on remote control. 16X digital zoom.
- ▼ Custom warm-up screen option. Defaults reset. Auto input search.
- ▼ Wireless/wired remote with mouse control and laser pointer.
- ▼ Green chalkboard projection mode.
- ▼ 3 Year* Projector Warranty!



Outstanding Features

1. Ethernet wired network projector control and content delivery.
2. WiFi wireless network projector control and content delivery.
3. Computerless slideshow using optional SD memory adapter.
(Compatibility: PC-Windows 2000, XP, & Vista; MAC-OS X)

Plus:

Wide-range (1.6X) short-throw to mid-throw (1.15~1.85:1) zoom lens.
Auto Set-Up (with Auto Keystone Correction). High brightness and contrast.
2 computer in, 1 monitor out. Can pitch through 360°. UXGA & WXGA compatible.
Interlace to Progressive conversion. Turn ON and Show! Turn OFF and Go!

EIKI
Projectors... and more!

LC-XB42N 4500 ANSI Lumens

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)	3.05~37.6 ft. (0.93~11.47 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 Analog, 100 MHz Digital
Image Orientation	Normal, Reversed, Inverted
Local Control/Power Management	Full Function/Auto Shutdown
Remote Proj & Mouse Ctrl	(IR) Wireless/Wired with Laser Pointer x 1
Mouse Port	USB type B x 1
Wired Remote Control Port	MiniStereo x 1
Service Port (for RS-232 control)	Mini DIN 8 Pin x 1
Wired Network Port	RJ45 x 1 (100/10)
Computerless SlideShow Port	SD x 1
Computer Native Resolution	1024 x 768 (XGA)
Computer Compatibility	(UXGA analog), 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/Digital Video w/HDCP:	DVI 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	8.2 lb (3.7 kg)
Packaged Size (HxWxD)	10.0 x 16.1 x 14.8 in (255 x 408 x 377 mm)
Packaged Weight	14.6 lbs. (6.6 kg)
Power Requirements	100-240V AC, 50/60Hz
Power Consumption	up to 354 Watts
Heat	up to 1208 BTU (304 KC)
Power Cord	10' (3M) Type 3, Detachable
Safety Compliance	IEC(EN)60950, UL60950/CUL
Electromagnetic Compatibility	FCC Class B & Wireless, CE Mark
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



INCLUDED ACCESSORIES:

Quick Start Guide. Owner's Manual on CD-ROM. Network Application Software and Manual on CD-ROM. AC Power Cord. VGA-type Computer Input Cable (Dsub15~Dsub15). Dsub9~Mini DIN-8 cable for RS-232 control. Wireless/Wired Remote with Mouse Control & Laser Pointer & Batteries (AAA x 2). Wired Remote Cable. Soft Carry Bag.

OPTIONAL ACCESSORIES:

Replacement Lamp. USB mouse cable (USB-A~USB-B) Component Video Input Cable (Dsub15~3-RCA). Scart Video Input Cable (Dsub15~Scart). DVI~Dsub15 Adapter. 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.



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Projectors... and more!

Specifications subject to change without notice.

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