

# 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!



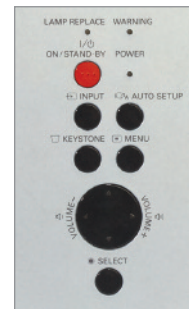
## ***Outstanding Features***

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 ("wheeler") 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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# EIKI

Projectors... and more!

Specifications subject to change without notice.

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