



LC-XB42

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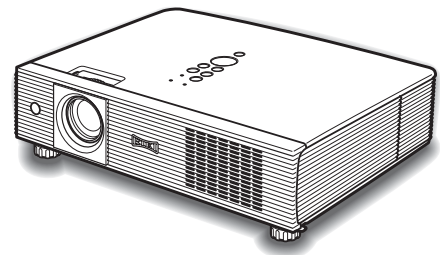
KEY FEATURES: Model LC-XB42

- 4500 ANSI Lumens, 85% uniformity, and 500:1 contrast ratio.
- Weights 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!

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 Cable (Dsub15-3-RCA). Scart Video Input Cable (HD15-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.

XGA "Brilliant" Series



LC-XB42

SPECIFICATIONS: Model LC-XB42

Brightness up to 4,500 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 to 8.9°
Maximum Tilt 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 Ctrl 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 640x480
Computer: Higher Resolutions Displayed panned or Smart Compressed
Computer: Lower Resolution 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
Video: 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 (with 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 262mm.)
Weight 7.9 lb. (3.6 kg.)
Packaged Size (H x W x D) 10.0 x 16.1 x 14.8 in. (255 x 408 x 377mm.)
Packaged Weight 14.3 lb. (6.5kg.)
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 Yr. / 6000 Hour Use *(Parts & Labor to Correct Defects)
Lamp: 90 Days (Failed Lamp Replaced Pro-Rata)
* Whichever occurs first

Outstanding Features

1. High brightness and contrast, with up to 3000 hours est. lamp life.
2. Two computer inputs plus one computer monitor output.
3. Project straight up or down: projector supports pitch through 360°.

4. Integrated lens cover can't be misplaced.
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.)

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. ©2008 Eiki International, Inc. Issued March 31, 2008.

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