XGA "Brilliant" Series



LC-XB23

2000 ANSI Lumens!

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

- ❒ Weighs less than 5.5 lbs! Footprint about the same as a sheet of paper!
- ❒ 2000 ANSI Lumens, 85% uniformity, and 400:1 contrast ratio.
- ❒ 3-Panel LCD imaging delivers a rich, color-saturated picture.
- ❒ True XGA resolution, UXGA ~ VGA and MAC compatible.
- ❒ Quiet operation: fan noise as low as 29 dBA in Eco-mode.
- ❒ Smart data compression / expansion, and video scaling.
- ❒ Convenient mid-range (1.2:1) manual zoom and focus lens.



New Features

1. New cabinet is smaller and lighter: easier to carry, install, store.
2. Smaller, lighter shipping package: less expensive to ship.
3. New compatibility with UXGA and WXGA (plus 2-2 pulldown for 575i).
4. Turn ON and Show! (Countdown can be optionally skipped.)
5. Turn OFF and Go! (A/C cord can be removed immediately after OFF).

- ❒ 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 Supports most HDTV resolutions.
- ❒ Converts Interlace to Progressive scan. 3-2 Pulldown support
- ❒ 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 control. 7X digital zoom. Turn OFF and Go!
- ❒ 3 Year* Projector Warranty!

EIKI
PROJECTORS

EIKI MEANS PROJECTORS… AND MORE!

LC-XB23







Lamp Contains Mercury.
Do not put in trash. Dispose-of-as Hazardous Waste, according to the laws in your jurisdiction.



3LCD

INCLUDED ACCESSORIES:
Owner's Manual. AC Power Cord. Lens Cover. VGA-type Computer Input Cable (HD15~HD15). Wireless Remote Control and Batteries (AA x 2).

OPTIONAL ACCESSORIES:
Soft Carry Bag. Replacement Lamp. Remote Control with Laser Pointer. 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. ATA-Style Shipping Case with Wheels and Telescoping Handle. Ceiling Mount. Ceiling Post and Plate. 33' (10m) Extension Cable for Serial Cable. EZ-250 Local Control. NPC-1 Network Control.

EIKI PROJECTORS

Specifications subject to change without notice.
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SPECIFICATIONS: LC-XB23

Screen Brightness . . . . . 2,000 ANSI Lumens/1600 in Eco mode
Illumination Uniformity 85%
Size of Color Palette . . . . . 16.7 Million
Contrast Ratio . . . . . 400:1 (Auto Lamp and Dynamic Image) (Full ON/OFF)
Projection Lamp . . . . . 200 Watt UHP
Estimated Lamp Life . . . . . up to 2000 Hours of Use
Imaging System . . . . . 0.6" 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:1.65~1.81; FL: 0. 886~1.063 in. (22.5~27 mm)
Lens Ratios . . . . . Zoom Max:Min: 1.2:1; Throw:Width: 1.79~2.15:1
Image Diagonal . . . . . 40~300 in. (102~762 cm)
Image Width . . . . . 2.67~20 ft. (.84~6.1 m)
Throw Distance . . . . . 4.6~43.3 ft. (1.4~13.2 m)
Front Elevation/Maximum Tilt . . . . . up to 10° up / +/- 10°
Anti Keystone . . . . . Fixed Image Offset, Ratio (Top:Bottom) 10:1
Vertical Keystone Correction . . . . . Digital, up to 20° 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 Shut-Down
Remote Projector Control . . . . . Wireless (Infra Red) x 1
SlideShow Page Up/Page Down Port . . . . . USB type B x 1
Service Port (RS-232) . . . . . Mini DIN 8 Pin x 1
Computer Native Resolution . . . . . 1024 x 768 (XGA)
Computer: Compatibility . . . . . UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA and MAC
Computer: Formats . . . . . 1600x1200 thru 640x480
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
Video: Formats Supported . . . . . Normal 4:3 and Wide Screen 16:9
Video: Image Sizing . . . . . Video Scaling Technology
Image Signal Inputs:
1. Computer In 1/Component In (with optional adapter): . . . . . HD15 x 1
2. Computer In 2 / Monitor Out: (switchable): . . . . . HD15 x 1
3. Video In: . . . . . RCA x 1 (Composite) / S-Video x 1(Y/C)

Audio Signal Inputs:
1. Computer 1 & 2 / Component: . . . . . Stereo: MiniStereo x 1
2. Composite/S-Video: . . . . . RCA x 2 (L&R)

Audio: Amplifier. . . . . Mono: 1 Watts RMS
Audio: Output . . . . . Stereo: MiniStereo x 1 (Variable)
Audio: Built In Speakers . . . . . 1.1 in. (2.8 cm) x 1
Fan Noise . . . . . 34 dBA /29 dBA (in Eco mode)
Cabinet Size (HxWxD) . . . 2.7x11.6x8.2 in. (69.5x294.5x208 mm.) (Excluding legs & lens)
Weight . . . . . 5.3 lbs. (2.4 kg)
Packaged Size (HxWxD) . . . . . 9.6 x 16.1 x 14.2 in. (245 x 410 x 360 mm)
Packaged Weight . . . . . 10.6 lb. (4.8 kg)
Power Requirements . . . . . 100-240V AC, 50/60Hz
Power Consumption . . . . . 250W / 205 W in Eco mode (9 W in standby)
Heat . . . . . 853 BTU/hr (215 Kcal/hr) / 700 BTU/hr (177 Kcal/hr) in Eco mode
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: Projector (to the original end-use customer) . . . . . 3 Yr. / 6000 Hr.
*(Parts/Labor to Correct Defects)
Warranty: Lamp . . . . . 90 Days (Failed Lamp Replaced Pro-Rata)
* whichever occurs first

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

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