

# EIKI

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## LC-XB28

# Touchboards

205 Westwood Ave, Long Branch, NJ 07740

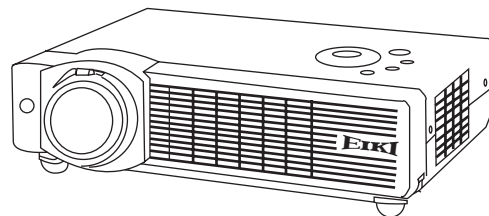
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### KEY FEATURES: Model LC-XB28

- Weights about 6 lbs! Footprint about the same as a sheet of paper!
- 3000 ANSI Lumens, 85% uniformity, and TBA 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.
- Preset image offset. 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 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.
- 3 Year\* Projector Warranty!

### XGA "Brilliant" Series



LC-XB28

#### New Features:

- Two VGA-type (HD15) inputs.
- Second VGA input can be switched to monitor output.
- "Film" function for 3:2 pulldown support.
- Shutdown fan speed can be set to continue at current rate or maximum.
- Projector Lock (4 digit) prevents use by unauthorized persons.
- Logo Lock (4 digit) prevents logo change by unauthorized persons..
- "Blackboard" mode optimizes image when projected on a greenboard.
- Fan noise 34 dBA in Eco mode.
- Contrast ratio 450:1.

**Included Accessories:** Owner's Manual. AC Power Cord. Lens Cover. VGA type Computer Input Cable (HD15 ~ HD15). Wireless Remote Control with & 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. 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. EZ-250 Local Control. NPC-1 Network Control.

### SPECIFICATIONS: Model LC-XB28

|                                    |  |  |  |
|------------------------------------|--|--|--|
| Screen Brightness                  | 3,000 ANSI Lumens /2100 in Eco mode              | Video: Compatibility                                   | NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N                   |
| Illumination Uniformity            | 85%  | Video: HD Compatibility                                | 480i/p, 575i/p, 720p, 1035i, 1080i                         |
| Size of Color Palette              | 16.7 Million                                     | Video: Formats Supported                               | Normal 4:3 and Wide Screen 16:9                            |
| Contrast Ratio                     | 450:1 (Full ON/OFF)                              | Video: Image Sizing                                    | Video Scaling Technology                                   |
| Projection Lamp                    | 200 Watt UHP                                     | Image Signal Inputs                                    |  |
| Estimated Lamp Life                | up to 2000 Hours of Use                          | * Computer In 1 / Component In (with optional adapter) | HD15 x 1   |
| Imaging System                     | 0.79" PolySilicon active matrix TFT Panels x 3   | * Computer In 2 / Monitor out (switchable)             | HD15 x 1   |
| Screen Pixels                      | 1024 x 768 in stripe configuration               | Video In :   | RCA x 1 (Composite) S-Video x 1 (Y/C)                      |
| Total Pixels                       | 2,359,296 ((1024 x 768 ) x 3)                    | Audio Signal Inputs                                    |  |
| Lens Type                          | Manual Zoom and Focus                            | * Computer 1 & 2 / Component                           | Stereo: Ministereo x 1                                     |
| Lens Specs                         | Speed: f:1.7~2.5; FL: 0.787~1.181 in. (20~30 mm) | * Composite/S-Video                                    | RCA x 2 (L & R)  |
| Lens Ratios                        | Zoom Max:Min: 1.5:1; Throw:Width: 1.25~1.87:1    | Audio: Amplifier                                       | Mono: 1 Watt RMS   |
| Image Diagonal                     | 40~300 in. (102~762 cm)                          | Audio: Built In Speakers                               | 1.1 in. (2.8 cm) x 1                                       |
| Image Width                        | 2.67~20 ft. (0.84~6.1 m.)                        | Audio: Output  | Stereo: Ministereo x 1 (Variable)                          |
| Throw Distance                     | 3.3~25.3 ft. (1.4~13.2 m.)                       | Fan Noise  | 37.6 dBA / 33.8 dBA (in Eco mode)                          |
| Front Elevation / Maximum Tilt     | up to 11.8° up / +/- 11.8°                       | Cabinet Size** (HxWxD)                                 | 2.8 x 11.73 x 8.58in. (71 x 298 x 218mm.)                  |
| Anti Keystone                      | Fixed Image Offset, Ratio (Top:Bottom) 9:1       | Weight   | 6.2 lbs. (2.8 kg)  |
| Vertical Keystone Correction       | Digital: up to 20° up or down                    | Packaged Size (H x W x D)                              | 9.8 x 16.5 x 14.4in. (250 x 420 x 365mm.)                  |
| Scanning Frequency                 | Auto: H Sync. 15-100kHz; V Sync. 50-100Hz        | Packaged Weight  | 11.25 lb (5.1 kg)  |
| Dot Clock                          | 130 MHz  | Power Requirements                                     | 100-240V AC, 50/60Hz                                       |
| Image Orientation                  | Normal, Reversed, Inverted                       | Power Consumption                                      | 275 W / 215 W in Eco (8W in Standby)                       |
| Local Control / Power Management   | Full Function / Auto Shut-Off                    | Heat   | 853 BTU/hr (215 Kcal/hr) / 734 BTU/hr (185 Kcal/hr) in Eco |
| Remote Projector Ctrl              | Wireless (Infra Red) x 1                         | Power Cord   | 10' (3M) Type 3, Detachable                                |
| Slideshow Page Up / Page Down Port | USB type B x 1                                   | Safety Compliance                                      | UL, cUL, IEC   |
| Service Port (for RS-232 control)  | Mini DIN 8 Pin x 1                               | Security Facilities                                    | Kensington® Security Slot                                  |
| Computer Native Resolution         | 1024 x 768 (XGA)                                 | Operating Temperature                                  | 41~95°F (5~35°C)   |
| Computer: Compatibility            | UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA & MAC    | User Maintenance                                       | Clean Air Filter, Replace Lamp                             |
| Computer: Formats                  | 1400 x 1050 through 640x480                      | Warranty: (to the original end-use customer)           |  |
| Computer: Higher Resolutions       | Displayed panned or Smart Compressed             | Projector:   | 3 Yr. / 6000 Hour Use *(Parts & Labor to Correct Defects)  |
| Computer: Lower Resolution         | Displayed normal or Smart Expanded               | Lamp:  | 90 Days (Failed Lamp Replaced Pro-Rata)                    |

\* Whichever occurs first

**Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to laws in your jurisdiction.**

Specifications subject to change without notice. ©2005 Eiki International, Inc. Issued October 10, 2005.

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