XGA "Brilliant" Series

LC-XB27N
2500 ANSI Lumens!

Weighs less than 6 lbs! Footprint 1/3 smaller than a sheet of paper!

2500 ANSI Lumens bright, 80% uniformity, up to a 500:1 contrast ratio.

3 panel LCD imaging delivers a rich, color saturated picture.

True XGA resolution. UXGA~VGA, WXGA and MAC compatible.

Quiet operation: fan noise less than 30 dBA in Eco mode.

Smart data compression / expansion, and video scaling.

Convenient wide range (1.56:1) 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 Widescreen 16:9 ratio video formats.

Supports most HDTV resolutions. Converts Interlace to Progressive.

Variable Power Management option. Optional local or remote keylock.

DVI is HDCP compatible. Slideshow Page Up/Down on remote control.

Custom warm-up screen image option. Factory defaults reset.

Wireless remote with mouse and Laser pointer. Digital Zoom from 0.5X Minimum to 16X Maximum.

3 Year* Projector Warranty!

New Network Features

Built-in RJ45 wired network connector (right) and optional wireless USB adapter (left) provide computer-based projector control and content delivery.

All necessary software is supplied, plus software to support the preparation and delivery of computerless slideshows on optional USB flash memory.

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3 Year* Projector Warranty!
**INCLUDED ACCESSORIES:**

**OPTIONAL ACCESSORIES:**

**SPECIFICATIONS: LC-XB27N**

**Screen Brightness**
2500 ANSI Lumens / 2000 in Eco mode

**Illumination Uniformity**
80%

**Size of Color Palette**
16.7 Million

**Contrast Ratio**
up to 500:1 (Full On/Off) (Auto & Dynamic, WideAngle)

**Projection Lamp**
200 Watt UHP

**Estimated Lamp Life**
2,500 Hours (in Eco mode)

**Imaging System**
0.7” 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: F1 6–2.5, Fl: 0.697–1.114 in [17.7–28.3 mm]

**Lens Ratios**
Zoom Max: Min 1.56:1, Throw:Width: 1.24–1.91:1

**Image Diagonal**
40–300 in. (102–762 cm)

**Image Width**
2.67–20 ft (0.84–6.1 m)

**Throw Distance**
3–38 ft (10–11.8 m)

**Front Elevation / Maximum Tilt**
up to 10° up / +/- 10°

**Anti Keystone**
Fixed Image Offset, Ratio (Top/Bottom) 6:1

**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 Shutdown

**Remote Proj & Mouse Ctrl**
Wireless (Infra Red) with Laser Pointer & Batteries

**Mouse Port**
1

**USB type B x 1

**Service Port (for RS-232 control)**
Mini DIN 8 Pin x 1

**Wired Network Port**
RJ45 x 1 (100/10)

**Wireless Network & Computerless SlideShow Port**
USB type A x 1

**Computer Native Resolution**
1024 x 768 (XGA)

**Computer Compatibility**
UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA, MAC

**Computer Formats**
1600x1200 through 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

**Formats Supported**
Normal 4:3 and Wide Screen 16:9

**Video: Image Sizing**
Video Scaling Technology

**Image Signal Inputs:**
1. Computer In 1:DVII x 1 (HD15 via supplied input cable)
2. Computer In 2/Component In/Computer Monitor Out: HD15 x 1
3. Video In: RCA x 1 (Composite) SD>VGA x 1 (Y/C)

**Audio Signal Inputs:**
1. Computer 1 & 2 / Component 1/Component Monitor Out: RCA x 2 (L&R)
2. Audio: MiniStereo x 1 Variable
3. Audio: Stereo MiniStereo x 1 (Variable)
4. Audio: Built In Speakers: 2.8cm x 1

**Fan Noise**
35.7 dBA / 29.8 dBA in Eco mode

**Cabinet Size**
2.28 x 9.66 x 6.82 in (69.5 x 244.5 x 208 mm)

**Weight**
5.7 lbs (2.6 kg)

**Power Requirements**
280 W / 210 W in Eco (Standby 14 W / 9 W Eco)

**Power Consumeption**
955 BTU/hr (241 Kcal/hr) / 717 BTU/hr (181 Kcal/hr) in Eco

**Heat**
955 BTU/hr (241 Kcal/hr) / 717 BTU/hr (181 Kcal/hr) in Eco

**Power Cord**
100-240V AC, 50/60Hz

**Safety Compliance**
UL, cUL, IEC

**Electronics Compliance**
FCC Class B, CE

**Security Facilities**
Kensington® Security Slot

**Operating Temperature**
41–95°F (5–35°C)

**User Maintenance**
Clean Air Filter, Replace Lamp

**Warranty**
90 Days (Failed Lamp Replaced Pro-Rata)

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

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