

# LC-XG250

# 3800 ANSI lumens

Get the rich color imaging of 3 panel LCD technology in a installation projector with unparalleled brightness and compatibility.



## XGA "G" Series Projector

- ❑ 3800 ANSI Lumens bright, at 90%+ uniformity, and a 1000:1 contrast ratio.
- ❑ 3 panel LCD imaging for rich, color saturated computer and video projection.
- ❑ XGA resolution. Smart data compression/expansion, and video scaling.
- ❑ Includes most professional input configurations, including 5BNC and DVI.
- ❑ Accepts analog and digital computer input, analog and digital w/HDCP video.
- ❑ Compatible with computer sources up to UXGA, Video sources up to 1080i.
- ❑ Power zoom and focus. V & H power lens shift. Digital keystone correction.
- ❑ Optional Wideangle and Telephoto lenses. Instant Lens Change System.
- ❑ Quiet operation: fan noise as low as 31 dBA.
- ❑ 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. Built-in Color Auto Picture Control.
- ❑ Wireless/wired remote w/mouse & laser pointer. -50%~+700% digital zoom.
- ❑ 3 Year\* Projector Warranty!

### Outstanding Features

1. High brightness and contrast. Range of optional lenses 0.8~11.3:1.
2. Physically centered lens. Projector supports pitch through 360°.
3. Power Lens Shift: Up 50%, Left or Right 15%.
4. Push-button lens replacement (no dismantling required).
5. One-way cooling system (1 in & 1 out port) simplifies installation.
6. Front-accessed high-capacity air filter simplifies maintenance.
7. Clogged air filter detection with both LED and on-screen warning.
8. Rear-accessed lamphouse makes lamp change easy.
9. Built-in test pattern array for easy adjustments.

**EIKI**  
Projectors... and more!

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## SPECIFICATIONS: LC-XG250

|  |   |
|--|---|
| Brightness                                   | up to 3800 ANSI Lumens  |
| Illumination Uniformity                      | 90%+  |
| Size of Color Palette                        | 16.7 Million  |
| Contrast Ratio                               | 1000:1 (Full ON/OFF)  |
| Projection Lamp                              | 300 Watt UHP x 1  |
| Estimated Lamp Life                          | up to 3000 Hours of Use   |
| Imaging System                               | 1.0" 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                                    | Power Zoom and Focus  |
| Lens Specs                                   | Speed: f:1.7~2.1; Fl: 1.3~1.69 in. (33 ~ 43 mm)                                   |
| Lens Ratios                                  | Zoom Max:Min: 1.3:1; Throw:Width: 1.64~2.13:1                                     |
| Image Diagonal                               | 30~300 in. (76.2~762 cm)  |
| Image Width                                  | 2.0~20 ft. (0.61~6.1 m.)  |
| Throw Distance (wide ~ tele)                 | 3.9~32.8 ft. (1.2~10.0 m.)  |
| Front Elevation                              | up to 5° up   |
| Maximum Pitch                                | anywhere up to 360° off the horizontal axis                                       |
| Vertical Anti Keystone                       | Power Lens Shift, Up only, 50%  |
| Horizontal Anti Keystone                     | Power Lens Shift, Left or Right, 15%  |
| Vertical Keystone Correction                 | Digital: up to 40° Up or Down.  |
| Scanning Frequency                           | Auto: H Sync. 15-100 kHz; V Sync. 50-100 Hz                                       |
| Dot Clock                                    | 140 MHz Analog / 100 MHz Digital  |
| Image Orientation                            | Normal, Reversed, Inverted  |
| Local Control / Power Management             | Full Function / Auto Shut-Off   |
| Remote Projector & Mouse Ctrl                | Wireless/Wired x 1 w/ Laser Pointer   |
| Auxiliary Ports:                             | Mouse: USB-B x 1, Wired RC: MiniStereo x 1  |
|  | Control: 8-pinDIN x 1, Network Interface: Option Connector x 1                    |
| Computer Native Resolution                   | 1024 x 768 (XGA)  |
| Computer: Compatibility                      | UXGA & SXGA+ (analog only)<br>SXGA, WXGA, XGA, SVGA, VGA & MAC (analog & digital) |
| Computer: Formats                            | 1600 x 1200 through 640 x 480   |
| Computer: Image Sizing                       | Normal, or Smart Compressed or Expanded   |
| Video: System Compatibility                  | NTSC/PAL/SECAM/NTSC 4.43/PAL-M/N  |
| Video: Compatibility                         | 480i/p, 575i/p, 720p, 1035i, 1080i-50/60  |
| Video: Formats Supported                     | 4:3 and 16:9  |
| Video: Image Resizing                        | Video Scaling Technology  |
| Video: Systems                               | Composite, S-Video, Component Analog, and Digital                                 |
| Inputs:                                      |   |
| 1a.  | either Analog Computer: HD15 x 1  |
| 1b.  | or Digital Computer, or Digital Video with HDCP: DVI-D x 1                        |
|  | plus Stereo Audio: MiniStereo x 1   |
| 2a.  | either Analog Computer (RGBHV): BNC x 5   |
| 2b.  | or Analog Video [Y,Pb/Cb,Pr/Cr] (BNC x 3):  |
|  | plus Stereo Audio: MiniStereo x 1   |
| 3.   | either Composite Video: RCA x 1   |
|  | or S-Video: S-Video x 1   |
|  | plus Stereo Audio: RCA x 2  |
| Outputs:                                     |   |
| Analog Computer:                             | HD15 x 1  |
| Stereo Audio - Variable Line                 | Stereo: MiniStereo x 1  |
| Audio: Amplifier                             | Mono: 1 Watt RMS Internal   |
| Audio: Built In Speaker                      | 1 in. (28 mm.) x 1  |
| Fan Noise                                    | as low as 31 dBA  |
| Overall Size (HxWxD)                         | 6.46 x 13.7 x 17.48 in. (164 x 348.1 x 444 mm.)                                   |
|  | (Excluding 7.5 mm Foot) and 2.8mm Lens  |
| Weight                                       | 19.2 lb (8.7 kg)  |
| Packaged Size (HxWxD)                        | 14.6 x 19.3 x 23.3 in (370 X 490 X 590 mm)  |
| Packaged Weight                              | 28.0 lb (12.7 kg)   |
| Power Requirements                           | 100-240V AC, 50/60Hz  |
| Power Consumption                            | 430 ~ 360 Watts   |
| Heat   | 1467 BTU (370 KC) ~ 1228 BTU (310 KC)   |
| AC Power Cord                                | 10' (3 M) Type 3 detachable x 1   |
| Safety Compliance                            | IEC(EN)60950, UL60950 / CUL   |
| Electromagnetic Compatibility                | FCC Class B, CE Mark  |
| Security Facilities                          | Kensington® Security Slot   |
| Operating Temperature                        | 41~950F (5~350C)  |
| 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 / 500 Hours Use*(Failed Lamp Replaced Pro-Rata)                           |
|  | * whichever occurs first  |

### INCLUDED ACCESSORIES:

Quick Start Guide. Owner's Manual on CD-ROM. AC Power Cord 10' (3M) Type 3, Detachable. Lens Cover. VGA (Dsub15~Dsub15) type Computer Input Cable. Wireless/Wired Remote with Mouse Control and Laser Pointer & 2 x AAA batteries, USB Cable for Computer Mouse control.

### OPTIONAL ACCESSORIES:

Replacement Lamp. Serial (DB9~8DIN) control cable (RS-232). Soft Carry Bag with Wheels and Telescoping Handle. ATA-Style Shipping Case with Wheels and Telescoping Handle. A Range of Wideangle and Telephoto Lenses. Ceiling Mount. Ceiling Post and Plate. 100' (30 M) Wired Remote Cable. EZ-250 Local Control. PiNET Network Interface. NPC-1 Network Control.

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



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