

# 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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### 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.

### 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)                                     |
|                                                      | 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                                | 41~95OF (5~35OC)                                               |
| 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                                       |

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