

Get the rich color imaging of 3 panel LCD technology in an installation projector combining performance and reliability.



# LC-XGC500

XGA "Lamp Changer" Projector

5000 ANSI Lumens

- ▼ 5000 ANSI Lumens bright, at 90%+ uniformity, and a 1100:1 contrast ratio.
- ▼ 3 panel LCD imaging for rich, color saturated computer and video projection.
- ▼ XGA resolution. Smart data compression/expansion, and video scaling.
- ▼ Lamp changer & cartridge air filter for mission critical/hard-to-reach installs.
- ▼ Includes most professional input configurations, including 5BNC and DVI.
- ▼ Accepts analog & digital computer, and analog & digital video (HDCP) input.
- ▼ Compatibility: Computer up to SXGA+ & WUXGA, Video up to 1080i.
- ▼ Power zoom and focus. V & H power lens shift & digital keystone correction.
- ▼ Optional Wideangle and Telephoto lenses. Instant Lens Change System.
- ▼ 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!

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

## Outstanding Features

1. Lamp changer system automatically switches to a fresh lamp.
2. Cartridge air filter system automatically advances to a fresh filter.
3. Top-accessed lamp and filter make maintenance easy.
4. 3W stereo amplifier and 2 x 3.5" speakers.
5. Mechanical shutter for true black screen.
6. High brightness and contrast. Range of optional lenses 0.8~11.3:1.
7. Physically centered lens. Projector supports pitch through 360°.
8. Power Lens Shift: Up 50%, Left or Right 15%.
9. Push-button lens replacement (no dismantling required).



**SPECIFICATIONS:**

Brightness ..... up to 5000 ANSI Lumens (with AH-23421 Standard Lens)  
 Illumination Uniformity ..... up to 90% (on axis)  
 Color Reproduction ..... 8-bit/16.7 Million Colors  
 Contrast Ratio ..... up to 1100:1 (Full ON/OFF)  
 Projection Lamp ..... 330 Watt NSHA x 2  
 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 3.5° 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  
 Horizontal Keystone Correction ..... Digital: up to 20° Left or Right  
 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 R/C Jack: MiniStereo x 1  
 Control (RS-232): Dsub9 x 1, Optional Network Interface: Dsub25 x 1  
 Computer Native Resolution ..... 1024 x 768 (XGA)  
 Computer: Compatibility ..... up to SXGA+/MAC19 & WUXGA analog and  
 up to D-SXGA & D-WXGA+1 digital  
 Computer: Formats ..... 1920 x 1200 through 640 x 480  
 Computer: Image Sizing ..... Normal, or Smart Compressed or Expanded  
 Video: System Compatibility ..... NTSC/PAL/SECAM/NTSC 4.43/PALM/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: ..... Dsub15 x 1  
 1b. or Digital Computer, or Digital Video with HDCP: ..... DVI-D x 1  
 plus Stereo Audio: ..... MiniStereo x 5  
 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: ..... Dsub15 x 1  
 Stereo Audio - Variable Line ..... Stereo: MiniStereo x 1  
 Audio: Amplifier ..... Stereo: 3 Watt RMS Internal  
 Audio: Built In Speakers ..... 2.0 x 3.5 in. (50 x 90 mm) x 2  
 Fan Noise ..... as low as 32 dBA  
 Overall Size (HxWxD) ..... 6.89 x 17.76 x 21.66 in. (175 x 451 x 550.1 mm)  
 (Including Foot)  
 Weight ..... 34 lbs. (15.4 kg) inc. 1.6 lbs. (0.7 kg) AH-23421 lens  
 Packaged Size (HxWxD) ..... 14.8 x 22.5 x 26.4 in. (374 x 570 x 670 mm)  
 Packaged Weight ..... 44.8 lbs. (20.3 kg) inc. 1.6 lbs. (0.7 kg) AH-23421 lens  
 Power Requirements ..... 100-240V AC, 50/60Hz  
 Power Consumption: ..... up to 550 W  
 Heat: ..... up to 1877 BTU (473 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, Security Chain Hook  
 Operating Temperature ..... 41~104°F (5~40°C)  
 User Maintenance ..... Replace Air Filter Cartridge, 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



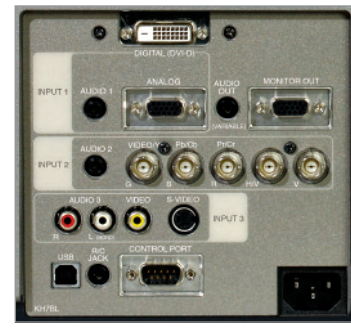
LC-XGC500 - XGA "Lamp Changer" Projector.



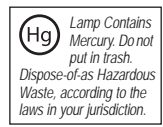
Air filter lasts up to 10,000 hours.



2'nd lamp, so the show can go on!



Just connect, and project.



Remote control.

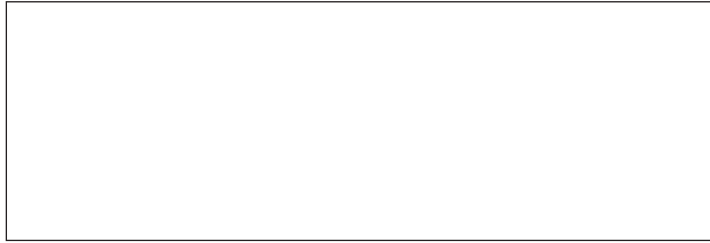
**INCLUDED ACCESSORIES:**

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. Serial (DB9~8DIN) control cable (RS-232).

**OPTIONAL ACCESSORIES:**

Replacement Lamp. ATA-Style Shipping Case with Wheels and Telescoping Handle. A Range of Wideangle and Telephoto Lenses. Ceiling Mount. Ceiling Post and Plate. PiNET Network Interface.

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



**Eiki International, Inc.**

30251 Esperanza, Rancho Santa Margarita, CA 92688-2130  
 Tel: 800-242-3454; Fax: 800-457-3454, E-mail: usa@eiki.com  
 In Canada, 310 First St. Unit 2, P.O. Box 156, Midland, ON L4R 4K8  
 Phone: 800-563-3454, Fax: 800-567-4069 E-mail: canada@eiki.com  
<http://www.eiki.com>

