

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!

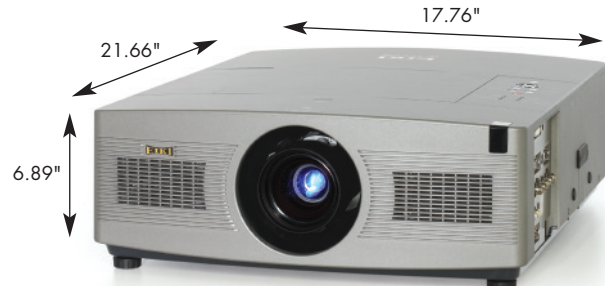
## Outstanding Features

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



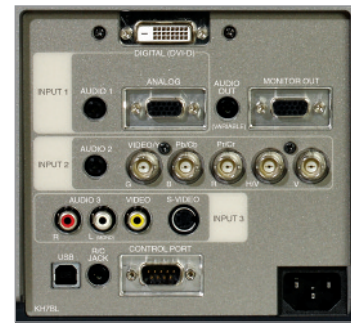
LC-XGC500 - XGA "Lamp Changer" Projector.



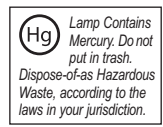
Air filter lasts up to 10,000 hours.



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

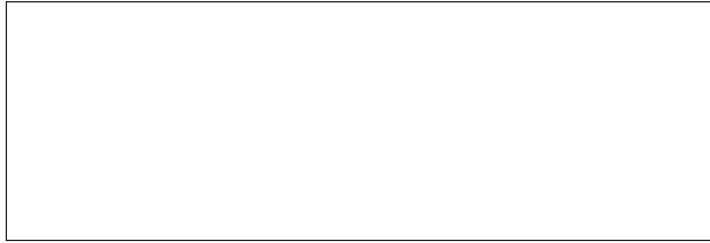


Just connect, and project.



Remote control.

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



**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.



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