

Get the rich color imaging of 3 panel LCD technology in an installation projector with low maintenance/high reliability built-in.



# LC-WGC500

HD-720p/WXGA • 3LCD "G" Series

5000 ANSI Lumens

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

- ▼ 5000 ANSI Lumens bright, at 90%+ uniformity and a 3000:1 contrast ratio.
- ▼ 3 panel LCD imaging for rich color saturated computer and video projection.
- ▼ Native 1280x800 resolution. Compatible up to 1080p and WUXGA/XGA.
- ▼ Image resizing via video scaling and smart data compression/expansion.
- ▼ Lamp changer & cartridge air filter for mission critical/hard-to-reach installs.
- ▼ Includes most professional input configurations, including 5BNC and HDMI.
- ▼ Accepts analog & digital computer, and analog & digital video (HDCP) input.
- ▼ 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!

## 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. Picture in Picture and Picture by Picture display options.
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 3000:1 (Auto 2 Mode)  
 Projection Lamp ..... 330 Watt NSHA x 2  
 Estimated Lamp Life ..... up to 3,000 Hrs. of Use (6,000 Hrs. Combined)  
 Estimated Air Filter Life ..... up to 13,000 Hours of Use  
 Imaging System ..... Inorganic 0.95" PolySilicon active matrix TFT Panels x 3  
 Native Resolution/Aspect Ratio ..... 1280 x 800/16:10  
 Total Pixels ..... 3,072,000 ((1280 x 800) 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) ..... 4.26~34.44 ft. (1.3~10.5 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  
 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 (RS-232): Dsub9 x 1, Optional Network Interface: Dsub25 x 1  
 Computer Native Resolution ..... 1280 x 800 (WXGA)  
 Computer: Compatibility ..... WUXGA/UXGA-VGA & MAC  
 Computer: Formats ..... 1920 x 1200/1600 x 1200~720 x 400/640 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, 1080p (ps25/30)  
 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 w/HDCP: ..... HDMI 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: ..... 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 31 dBA  
 Overall Size (HxWxD) ..... 6.89 x 17.76 x 21.66 in. (175 x 451 x 550.1 mm)  
 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: ..... 2.5W (Standby-Eco) up to 530 W  
 Heat: ..... up to 1809 BTU (456KC)  
 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-WGC500 - HD-720p/WXGA 3LCD "G" Series Projector.



Up to 13,000 hours of use between air filter changes.



Up to 6,000 hours of use between lamp changes (2).



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-type (Dsub15~Dsub15) 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. ATA-Style Shipping Case with Wheels and Telescoping Handle. A Range of Wideangle and Telephoto Lenses. Ceiling Mount. Ceiling Post & Plate. PiNet Network Interface.

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



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