

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

# LC-WGC500A



**5,000 Lumens • WXGA • 3LCD  
"G" Series Projector**

**NEW! Reduced Power Consumption in Standby Eco  
WXGA/HD-720p with High Brightness and Contrast  
Up to 6000 Hours Maintenance-Free Lamp Life**

## **Key Features**

- ◆ 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).

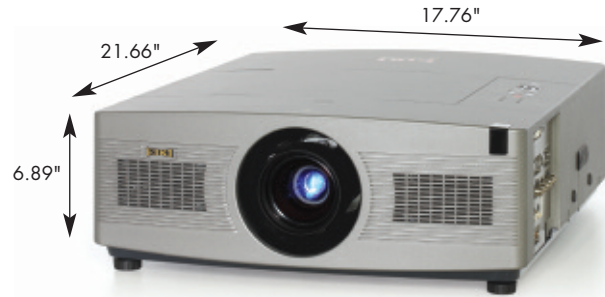


**EIKI**  
Projectors... and more!

**SPECIFICATIONS:**

Brightness	up-to 5,000 ANSI Lumens (with standard AH-23421 lens)
Contrast Ratio	up-to 3000:1
Illumination Uniformity (corner to center)	90%
Resolution and Aspect Ratio	WXGA (1280x800), 16x10
Color Reproduction	8-bit (16.7 million colors)
Projection Lamp	330 Watts NSHA x 2
Estimated Lamp Life	up-to 3,000 Hours (6,000 Hrs. Combined)
Imaging System	0.95 in (24 mm) Inorganic PolySilicon active matrix TFT Panels x 3
Total Pixels	3,072,000 ((1280x800) x 3)
Scanning Frequency	Auto: 15-100 kHz; 50-100 Hz
Pixel Clock	up-to 140 MHz
Lens	(Changeable) Power Zoom and Focus
Lens Specs	Speed: 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 (1.31-10.5 m)
Projector Elevation Adjustment (legs)	up-to 3.5° Up
Maximum Pitch	up-to 360°
Vertical Lens Shift	up-to 50% Up or Down
Horizontal Lens Shift	up-to 15% Left or Right
Vertical Keystone Correction	Digital: up-to 40° Up or Down
Horizontal Keystone Correction	Digital: up-to 20° Left or Right
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function/Auto Shutdown
RS232 Control Port	Dsub9 x 1
Remote Projector Control	Wireless/Wired x 1 w/ Laser Pointer
Wired Remote Control Port	MiniStereo x 1
Mouse Port	USB-B x 1
Optional Network Interface Port	Dsub25 x 1
Computer Input Pixel Range	1920x1200-640x480
Computer In 4x3 analog	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Computer In Wide analog	WSXGA+, WSXGA, WXGA
Computer In 4x3 digital	UXGA, SXGA+, SXGA, XGA, SVGA, VGA
Computer In Wide digital	WUXGA, WSXGA+, WSXGA, WXGA+, WXGA
Image Signal Resizing	Smart Scaling Technology
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Video In Analog	480i/p, 575i/p, 720p, 1035i, 1080i
Video In Digital	480p, 575p, 720p, 1035i, 1080i/p (50/60)
Image Signal Inputs	
1a. Analog Computer	Dsub15 x 1
1b. Digital Computer/Digital Video (w HDCP)	HDMI® x 1
2a. Analog Computer (RGBHV)	Dsub25 x 5
Analog Video	(Y, Pb/Cb, Pr/Cr), 3BNC
Composite	1BNC
3b. S-Video	S-Video x 1
Audio Signal Inputs	
For Inputs 1 & 2	Stereo: MiniStereo x 1
For Input 3	Stereo: RCA x 2
Outputs	
Computer Monitor	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Stereo: 3 Watt
Speaker	2.0 x 3.5 in (5.0 x 9.0 cm) x 2 (Stereo)
Fan Noise	as low as 31 dBA
Cabinet Size	(HxWxD) 6.89 x 17.76 x 21.66 in (17.5 x 45.1 x 55.0 cm) (excluding legs)
Weight	34 lb (15.4 kg)
Packaged Size (HxWxD)	14.8 x 22.5 x 26.4 in (37.4 x 57 x 67 cm)
Packaged Weight	44.8 lb (20.3 kg)
Power Requirements	100-240V AC, 50/60 Hz
Power Consumption	0.43 W in Eco Standby mode, up-to 530 W
Heat	up-to 1,809 BTU/hr (1,908 kJ/hr)
Power Cord	10 ft (3 m) Type C13, Detachable
Electrical Safety Compliance	IEC / UL / 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 Cartridge Air Filter, Change Lamp
UPC	4571194673647
Limited Warranty: to the original end-use customer only	
Projector	3 years
Lamp	6 months ownership / 500 hours use (whichever occurs first)

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LC-WGC500A - 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.



**Hg** Lamp Contains Mercury. Do not put in trash. Dispose-of-as Hazardous Waste, according to the laws in your jurisdiction.



Remote control.

**INCLUDED ACCESSORIES:**

Quick Start Guide. Owner's Manual on CD-ROM. AC Power Cord 10' (3 m) 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. PjNet Network Interface.



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