



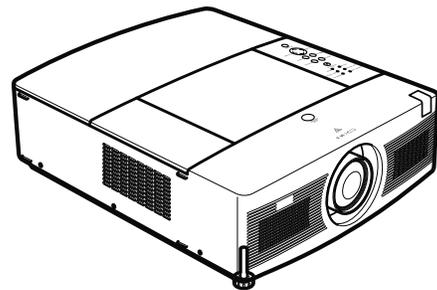
Projectors... and more!

LC-WGC500 (Preliminary)

HD-720p / WXGA
3LCD "G" Series

KEY FEATURES: Model LC-WGC500

- 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. 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 5 BNC and HDMI.
- Accepts analog and digital computer, and analog & digital video (HDCP) input.
- Compatibility: Computer up to WUXGA/UXGA, Video up to 1080p.
- Power zoom & 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 Warmup Screen Image Option. Built-in Color Auto Picture Control.
- Wireless/wired remote w/mouse and laser pointer. -50%~+700% digital zoom.
- 3 Year* Projector Warranty!



Outstanding Features:

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|--------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1. Lamp changer system automatically switches to a fresh lamp. | 5. Mechanical shutter for true black screen. |
| 2. Cartridge air filter system automatically advances to a fresh filter. | 6. Picture in Picture and Picture by Picture display options. |
| 3. Top-accessed lamp and filter make maintenance easy. | 7. Physically centered lens. Projector supports pitch through 360°. |
| 4. 3W stereo amplifier and 2 x 3.5" speakers. | 8. Power Lens shift Up 50%, Left or Right 15%. |
| | 9. Push-button lens replacement (no dismantling required). |

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. PjNet Network Interface.

SPECIFICATIONS: Model LC-WGC500

Brightness	up to 5000 ANSI Lumens (with AH-23421 Standard Lens)	Video: Image Resizing	Video Scaling Technology
Illumination Uniformity	up to 90% (on axis)	Video: Systems	Composite, S-Video, Component Analog, & Digital
Size of Color Palette	8-bit / 16.7 Million Colors	Inputs:	
Contrast Ratio	up to 3000:1 (Auto 2 mode)	1a. <u>either</u> Analog Computer:	Dsub15 x 1
Projection Lamp	330 Watt NSHA x 2	1b. <u>or</u> Digital Computer, or Digital Video w/HDCP	HDMI x 1
Estimated Lamp Life (Hr.)	up to 3000 Hours of Use	<u>plus</u> Stereo Audio:	MiniStereo x 1
Imaging System	Inorganic 0.95" Polysilicon active matrix TFT Panels x 3	2a. <u>either</u> Analog Computer (RGBHV):	BNC x 5
Native Resolution / Aspect Ratio	1280 x 800 / 16:10	2b. <u>or</u> Analog Video: (Y,Pb/Cb,Pr/Cr) (BNC x 3):	
Total Pixels	3,072,000 ((1280 x 800) x 3)	<u>plus</u> Stereo Audio:	MiniStereo x 1
Lens Type	Power Zoom & Focus	3. <u>either</u> Composite Video:	RCA x 1
Lens Specs	Speed: f: 1.7~2.1; FL: 1.3~1.69 in. (33~43mm)	<u>or</u> S-Video:	S-Video x 1
Lens Ratios	Zoom Max:Min: 1.3:1; Throw: Width: 1.64~2.13:1	<u>plus</u> Stereo Audio:	RCA x 2
Image Diagonal	30~300 in. (76.2~762 cm)	Outputs:	
Image Width	2.0~20 ft. (0.61~6.1m.)	Analog Computer:	Dsub15 x 1
Throw Distance (wide ~ tele)	4.26~34.44 ft. (1.3~10.5m.)	Stereo Audio - Variable Line	Stereo: MiniStereo x 1
Front Elevation	up to 3.5° up	Audio: Amplifier	Stereo: 3 Watts RMS Internal
Maximum Pitch	anywhere up to 360° off the horizontal axis	Audio: Built in Speakers	2.0 x 3.5 in. (50 x 90 mm.) x 2
Vertical Anti Keystone	Power Lens Shift, Up Only, 50%	Fan Noise	as low as 31 dBA
Horizontal Anti Keystone	Power Lens Shift, Left or Right, 15%	Overall Size (HxWxD)	6.89 x 17.76 x 21.66 in. (175 x 451 x 550.1 mm.)
Vertical Keystone Correction	Digital: up to 40° up or down		(Including Foot)
Horizontal Keystone Correction	Digital: up to 20° left or right	Weight	34 lb (15.4 kg) inc. 1.6 lb. (0.7 kg) AH-23421 lens
Scanning Frequency	Auto: H Sync. 15-100 kHz; V Sync. 50-100 Hz	Packaged Size (HxWxD)	14.8 x 22.5 x 26.4 in. (374 x 570 x 670 mm.)
Dot Clock	140 MHz Analog	Packaged Weight	44.8 lb (20.3 kg) inc. 1.6 lb. (0.7 kg) AH-23421 lens
Image Orientation	Normal, Reversed, Inverted	Power Requirements	100 - 240V AC, 50/60 Hz
Local Control / Power Management	Full Function / Auto Shut-off	Power Consumption	2.5W (Standby-Eco) up to 530 W
Remote Projector & Mouse Control	Wireless / Wired x 1 w/ Laser Pointer	Heat	up to 1809 BTU (456 KC)
Auxiliary Ports:	Mouse: USB-B x 1, Wired RC: MiniStereo x 1	AC Power Cord	10' (3M) Type 3 detachable x 1
Control (RS-232):	Dsub9 x 1, Optional Network Interface: Dsub25 x 1	Safety Compliance	IEC (EN)60950, UL60950 / CUL
Computer: Native Resolution	1280 x 800 (WXGA)	Electromagnetic Compatibility	FCC Class B, CE Mark
Computer: Compatibility	WUXGA / UXGA~VGA & MAC	Security Facilities	Kensington® Security Slot, Security Chain Hook
Computer: Formats	1920 x 1200/1600 x 1200 ~ 720 x 400/640 x 480	Operating Temperature	41~104°F (5~40°C)
Computer: Imaging Sizing	Normal, or Smart Compressed or Expanded	User Maintenance	Replace Air Filter, Replace Lamp
Video: System Compatibility	NTSC/PAL/SECAM/NTSC 4.43/PAL-M/N	Warranty (to the original end-use customer)	
Video: Compatibility	480i/p, 575i/p, 720p, 1035i, 1080i, 1080psf/25/30	Projector	3 Year. / 6000 Hours Use. *(Parts/Labor to Correct Defects)
Video: Formats Supported	4:3 and 16:9	Lamp	90 days / 500 Hours Use *(Failed Lamp Replaced Pro-Rata)

Caution! Laser Radiation 9remote control – Do not stare into beam. Max. Output: 1 mW. Wave Length: 640~660 nm. Class II Laser.

Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

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