



# LC-XS31

XGA • 3LCD "School" Series Projector  
**3,100 ANSI Lumens**

**NEW!** Wired LAN (RJ45) Connection  
1-Year<sup>2</sup> Lamp and Air Filter Warranty  
Dramatically Reduced Maintenance

- ▼ 3100 ANSI Lumens, 85% uniformity, and 450:1 contrast ratio.
- ▼ 3 panel LCD imaging delivers a rich, color saturated picture.
- ▼ XGA resolution. UXGA and WUXGA-VGA and MAC compatible.
- ▼ Wired LAN connection for network monitoring and control.
- ▼ Top cabinet lamp access. Transparent, permanent lens cover.
- ▼ Long life lamp: up to 4000 hrs. Long life air filter: up to 5000 hrs.
- ▼ Closed Caption decoding. Built-in security bar. Auto Setup.
- ▼ 7-Watt audio system. Quiet operation: fan noise as low as 27.5 dBA.
- ▼ Convenient mid-range 1.2:1 manual zoom and focus lens.
- ▼ Preset image offset. Vertical digital keystone correction.
- ▼ Accepts Composite, Component and S-Video in all major standards.
- ▼ Displays both 4:3 and 16:9 formats. Supports most HDTV resolutions.
- ▼ Converts Interlace to Progressive scan. 3-2/2-2 Pulldown support.
- ▼ Variable Power Management option. Optional local or remote keylock.
- ▼ Custom warm-up screen option. Green chalkboard projection mode.
- ▼ Wireless remote control. Digital Zoom 50~400%. Turn OFF and Go!
- ▼ 3 Year<sup>1</sup> Projector Warranty! 1-Year<sup>2</sup> Lamp and Air Filter Warranties!

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

## **Outstanding Features**

1. Big Sound: 7 Watt RMS Audio System.
2. Closed Captioned Support (NTSC Composite or S-Video).
3. More Security: Built-in security bar, and key and projector lock features.
4. RJ45 for Wired Network Control.

## **Reduced Maintenance**

1. Better Cooling: sealed lens housing assures one-way filtered airflow.
2. Reduced Maintenance: up to 5,000 hour self-advancing cartridge air filter.
3. Easy Lamp Change: lamp access is from the top. 1-Year<sup>2</sup> Lamp Warranty.
4. Energy Saving: reduced power consumption in Standby Eco mode.



Get the rich color imaging of 3-panel LCD technology in a quiet, bright classroom projector requiring dramatically reduced maintenance.

**SPECIFICATIONS:**

Screen Brightness ..... up to 3100 ANSI Lumens  
 Illumination Uniformity ..... 85%  
 Color Reproduction ..... 8-bit/16.7 Million Colors  
 Contrast Ratio ..... 450:1 (Lamp Mode: Auto; Image Mode: Dynamic)  
 Projection Lamp ..... 220 Watt UHP  
 Estimated Lamp Life ..... up to 4000 Hours of Use  
 Imaging System ..... 0.63" 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 ..... Manual Zoom and Focus  
 Lens Specs ..... Speed: f:1.6~1.76; FL: 0.879~1.055 in. (22.33~26.80 mm)  
 Lens Ratios ..... Zoom Max:Min: 1.2:1; Throw:Width: 1.72~2.07:1  
 Image Diagonal ..... 40~300 in. (102~762 cm)  
 Image Width ..... 2.67~20 ft. (0.84~6.1 m)  
 Throw Distance (Wide~Tele) ..... 4.6~41.8 ft. (1.4~12.7 m)  
 Front Elevation / Maximum Pitch ..... up to 10° up / up to 20° up or down  
 Lens Shift ..... Fixed: Up 40% (Offset T:B 9:1)  
 Vertical Keystone Correction ..... Digital: up to 20° up or down  
 Scanning Frequency ..... Auto: H Sync. 15-100kHz; V Sync. 50-100Hz  
 Dot Clock ..... 140 MHz  
 Image Orientation ..... Normal, Reversed, Inverted  
 Local Control/Power Management ..... Full Function/Auto Shutdown  
 Remote Projector Control ..... Wireless (Infra Red) x 1  
 Control Port (for RS-232 control) ..... Dsub 9 pin x 1  
 Network Projector Control ..... RJ45 x 1  
 Computer Native Resolution ..... 1024 x 768 (XGA)  
 Image Signal Resizing ..... Smart Scaling Technology  
 Computer Compatibility ..... UXGA (analog) & WUXGA-VGA, and MAC  
 Computer Formats ..... 1600 x 1200 & 1920 x 1200-640 x 480  
 Video Systems ..... NTSC/PAL/SECAM/NTSC 4.43/PAL-M&N  
 Video HD Compatibility ..... SD: 480i/p, 575i/p; HD: 720p, 1035i, 1080i-50/60  
 Video Formats Supported ..... Normal 4:3 and Wide Screen 16:9  
 Image Signal Inputs  
 Computer IN 1/Component IN: ..... Dsub15 x 1  
 Computer IN 2 (PC Digital/AV HDCP/PC Analog): ..... DVH x 1  
 S-Video IN: ..... S-Video x 1  
 Video IN (Composite): ..... RCA x 1  
 Audio Signal Inputs  
 Computer Audio IN 1/Component & 2: ..... (Stereo) Ministereo x 2  
 Video Audio IN Composite/S-Video: ..... (Stereo) (L&R) RCA x 2  
 Outputs:  
 Computer Monitor: ..... Dsub15 x 1  
 Audio Output ..... Stereo: MiniStereo x 1 (Variable)  
 Audio Amplifier ..... Stereo: 7 Watts RMS  
 Audio: Built In Speaker ..... 1.46 in. (3.7 cm) x 1 (Mono)  
 Fan Noise ..... as low as 27.5 dBA  
 Cabinet Size (HxWxD) ..... 3.3 x 16.1 x 10.3 in. (85.0 x 410 x 262.8 mm) (excluding legs)  
 Weight ..... 9.04 lbs. (4.1 kg)  
 Packaged Size (HxWxD) ..... 9.2 x 20.3 x 17.3 in. (233 x 516 x 440 mm)  
 Packaged Weight ..... 14.77 lbs. (6.7 kg)  
 Power Requirements ..... 100-240V AC, 50/60Hz  
 Power Consumption ..... (0.6 W Standby Eco) up to 304 Watts  
 Heat ..... 2.0 BTU (0.52 KC) in Standby Eco up to 1,037 BTU (261 KC)  
 Power Cord ..... 10' (3M) Type 3, Detachable  
 Electrical Safety Compliance ..... UL, cUL, IEC  
 Electromagnetic Compatibility ..... FCC Class B, CE Mark  
 Security Facilities ..... Kensington® Security Slot, Security Bar  
 Operating Temperature ..... 41~95°F (5~35°C)  
 User Maintenance ..... Replace Air Filter Cartridge, Replace Lamp  
 Warranty: (to the original end-use customer)  
 1Projector: ..... 3 Years/6000 Hour Use\* (Parts/Labor to Correct Defects)  
 2Lamp and Air Filter: ..... 1 Year/2000 Hours Use\* (replaced Pro Rata)  
 \*whichever occurs first



LC-XS31 - XGA • 3LCD "School" Series Projector.



Replaceable air filter cartridge.



Easy lamp change.



Just connect, and project.



Local control.



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. VGA-type Computer Input Cable (D-sub15). Wireless Remote Control & Batteries (AAA x 2).

**OPTIONAL ACCESSORIES:**

Replacement Lamp. Replacement Air Filter Cartridge. Soft Carry Bag. Computer In 1 "VGA" (Analog) Input Cable (DVH~D-sub15). Computer In 2 Component Video Input Cable (D-sub15~3-RCA). Ceiling Mount. Ceiling Post and Plate.



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