

# LC-X7

## XGA Powerhouse Projector 9000 ANSI Lumens

***Here's true widescreen data and video projection, with high brightness and contrast, and all the color only 3 panel LCD imaging can provide.***

- ▼ 9000 ANSI Lumens\*\* bright at 90% uniformity and a 2000:1 contrast ratio.
- ▼ XGA resolution. UXGA~VGA and MAC compatible.
- ▼ Compatible with Normal and Widescreen input resolutions up to UXGA and 1080p.
- ▼ Supports both analog and digital computer and video input in all color standards.
- ▼ Four inputs, including two(unpopulated) module bays. Optional modules available.
- ▼ A wide range of optional lenses is available. Projects images up to 600" diagonal.
- ▼ Includes both vertical and horizontal lens shift, for optimal projector positioning.
- ▼ 10 bit color processing for superior color reproduction.
- ▼ Mechanical shutter for true black screen no show.
- ▼ Durable inorganic LCD panels permit extended use.
- ▼ Self-advancing 10-exposure cartridge air filter reduces maintenance.
- ▼ Top-accessed filter cartridge and lamphouse permits easy maintenance.
- ▼ Wireless/wired remote control. Full RS-232 compatibility. Optional network control.
- ▼ 3 Year\* Projector Warranty.



*Shown with  
Optional Lens*

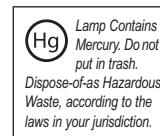
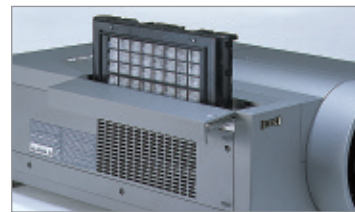
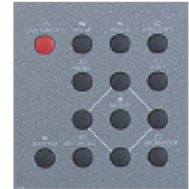
### ***Outstanding Features***

1. 9000 ANSI Lumens brightness XGA in a transportable.
2. LCD panels deliver a remarkable 2000:1 contrast ratio.
3. Inorganic imaging engine is optimized for extended use.
4. Self-advancing 10-step cartridge air filter reduces maintenance.
5. Horizontal lens shift and vertical projector orientation.
6. Compatibility up to analog UXGA, digital 1080p (psf/24/25/30).

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

## SPECIFICATIONS:

|  |  |
|--|--|
| Brightness                                   | up to 9000 ANSI Lumens (**with AH-22051 lens)                                |
| Uniformity                                   | 90%  |
| Color Reproduction                           | 10 bit/1.07 Billion Colors   |
| Contrast Ratio                               | up to 2000:1 (lamp control in Auto mode)                                     |
| Horizontal Resolution                        | 800 TV Lines (HDTV)  |
| Projection Lamp                              | 330W NSHA x 2  |
| Estimated Lamp Life                          | up to 3000 hours   |
| Imaging System                               | 1.8" Inorganic 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   | Not Included – choose from a selection of optional lenses                    |
| Image Diagonal                               | max. 40~600 in. (100~600 in. with AH-22051 lens)                             |
| Image Width                                  | max. 2.67~40 ft. (0.81~12.19 m) (except AH-22051)                            |
| Throw Distance                               | See specifications of selected lens  |
| Projector Elevation Adjustment               | up to 2.8° up or down  |
| Projector Orientation                        | 360° Pitch (including normal, inverted, up, down)                            |
| Vertical Power Lens Shift                    | Max Ratio (T:B) 10:0-0:10  |
| Horizontal Power Lens Shift                  | Max Ratio (L:R) 3:2~2:3  |
| Vertical Keystone Correction                 | Digital: Variable +/- 40°  |
| Horizontal Keystone Correction               | Digital: Variable +/- 20°  |
| Scanning Frequency                           | Auto: H Sync. 15-120kHz; V Sync. 48-120Hz                                    |
| Dot Clock                                    | 230MHz   |
| Image Orientation                            | Normal, Reversed, Inverted   |
| Local Control/Power Management               | Full Function/Auto Lamp Shut-Off   |
| Remote Projector Ctrl                        | Wireless/Wired x 1   |
| Service Port                                 | USB-B x 1  |
| Wired Remote Jack                            | Mini Stereo x 1  |
| RS-232 Port                                  | (In & Out) Dsub9 x 2   |
| Computer Native Resolution                   | 1024 x 768 (XGA)   |
| Computer: Compatibility                      | UXGA (analog only) SXGA+, SXGA, WXGA, XGA, SVGA, VGA & MAC                   |
| Computer: Formats                            | 1600x1200 through 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-50/60<br>1080p (psf24/25/30) digital only |
| Video: Formats Supported                     | 4:3 and 16:9   |
| Video: Image Sizing                          | Progressive Video Scaling  |
| Video: Systems                               | Composite, S-Video, Component  |
| Inputs:                                      | 4  |
| Inputs 1 & 2:                                | fixed configuration  |
| Inputs 3 & 4:                                | (unpopulated) module bays  |
| 1a.  | either, Analog Computer: HD15 x 1 (RGB)                                      |
| 1b.  | or, Digital Computer or Video Input w/HDCP: DVI-D x 1                        |
| 2a.  | either, Computer: BNC x 5 (RGBHV)  |
| 2b.  | or, Component Video: BNC x 3 (Y,Pb/Cb,Pr/Cr)                                 |
| or,  | Composite Video: BNC x 1 (Video)   |
| or,  | S-Video: S-VIDEO x 1   |
| 3.   | Available (unpopulated) module bay.  |
| 4.   | Available (unpopulated) module bay.  |
| Fan Noise                                    | as low as 48 dBA   |
| Size (HxWxD)                                 | 10.5 x 20.8 x 29.8 in. (267.5 x 530 x 757 mm)                                |
| Weight                                       | 60.85 lbs. (27.6 kg)   |
| Packaged Size (HxWxD)                        | 21.3 x 33.3 x 37.4 in. (542 x 846 x 951 mm)                                  |
| Packaged Weight                              | 83.8 lb. (38.0 kg)   |
| Power Requirements                           | 100~120/200~240V AC, 50/60Hz   |
| Power Consumption                            | up to 950 Watt   |
| Heat Generated                               | up to 3,242 BTU/hr. (817 Kcal/hr.)   |
| Power Cord                                   | 10' (3M) Type 3, Detachable  |
| Electrical Safety Compliance                 | IEC, UL, cUL   |
| Electromagnetic Compatibility                | FCC Class A, CE Mark   |
| 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 (Failed Lamp Replaced Pro-Rata)<br>*whichever occurs first           |



### INCLUDED ACCESSORIES:

Owner's Manual on CD-ROM. Quick Start Guide.  
AC Power Cord 10' (3M) VGA-type Input Cable HD15~HD15.  
Wireless/wired Remote with 2 x AA batteries and 1.5M wired remote cable. Color Management Software on CD ROM.  
Lens Light Block Sheet x 3. Lens Adapter x 2. Lens Spacer x 1.  
Lens Mounting Clamp x 1.

### OPTIONAL ACCESSORIES:

Telephoto, Midrange and Wideangle Lenses. Replacement Lamps. Additional DVI-D/HD15, and 5BNC/VIDEO Input Modules. DVI, HD15, 5BNC, and SD/HD-SDI Input Modules. Network Control Module. Hard Shipping Case with wheels and telescoping handle. Ceiling Mount and Post & Plate.

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



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