

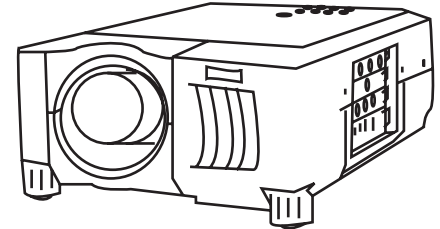


# LC-X4A & LC-X4LA

# XGA Powerhouse Projector

## KEY FEATURES: Model LC-X4A

5,200 ANSI Lumens bright at 90% uniformity and a 800:1 contrast ratio.  
 Native XGA. Compatible with UXGA through VGA. Video scaling.  
 Works on 120V AC power (15 amp circuit). No special wiring required!  
 Projects images up to 40' wide (600" diagonal). Wide choice of lenses.  
 New Quick Change Lens Installation System. Improved Power Lens Shift.  
 Compatible with most video signal input, including DVI, RGB, Y/C, DVD, HDTV.  
 Displays video 4:3 & 16:9 in NTSC/PAL/SECAM/NTSC 4.43/PAL-M/PAL-N.  
 Improved progressive scan with HDTV at 1080i and 2-3 pulldown support.  
 3 input channels. Interchangeable input modules permit reconfiguration.  
 Supplied software permits the preconfiguring of color adjustments.  
 Optional Network Control module permits network monitoring and control.  
 3 Year / 6000 Hr.\* Warranty



**LC-X4A**

**INCLUDED ACCESSORIES -** Owner's Manual. AC Power Cord 10' (3.m), Lens Aperture Cover. Computer Input Cable 6' (1.8m) HD15~HD15. DVI Input Cable. HD-SDI Input Module. DVI~HD15 Adapter, MAC Adapter. Wireless/wired Remote with Mouse Control and Laser Pointer & 2 x AA batteries and 1.5M wired remote cable. Mouse cables 9' (2.75m) each for PS/2, Serial Port, ADB Port. Dust Cover. Color Management Software.

**OPTIONAL ACCESSORIES -** Telephoto, Midrange and Wideangle Lenses. Replacement Lamps. Additional DVI, 5 BNC, and Y/C Input Modules. VGA (HD15) Input Module. Upconverter Input Module. Network Control Module. SD-SDI Input Module. Hard Shipping Case with wheels and telescoping handle. Ceiling Mount and Post & Plate.

## SPECIFICATIONS: Model LC-X4A

|                                  |  |                           |  |
|----------------------------------|--|---------------------------|--|
| Screen Brightness                | 5200 ANSI Lumens (2600 ANSI Lumens in 1 Lamp mode) | Computer: Image Sizing    | Normal or Smart compressed or expanded   |
| Illumination Uniformity          | 90%  | Video: Standards          | NTSC/PAL/SECAM/NTSC 4.43/PAL-M/PAL-N   |
| Size of Color Palette            | 16.7 Million                                       | Video: Formats Supported  | Normal 4:3 and Wide Screen 16:9  |
| Contrast Ratio                   | 800:1 (Full ON/OFF)                                | Video: Image Sizing       | Progressive Video Scaling  |
| Horizontal Resolution            | 800 TV Lines                                       | Video: Systems            | Composite, S-Video, Component  |
| Projection Lamp                  | 200W UHP x 2                                       | Input Channels            | 3  |
| Estimated Lamp Life              | 2000 hrs   | Input Modules             | Interchangeable: standard configuration below  |
| Imaging System                   | 1.8" PolySilicon active matrix TFT Panels x 3      | 1. Data:                  | DVI-I x 1 & HD15 x 1 data, RCA x 2 audio, 8-pin DIN x 1 control  |
| Screen Pixels                    | 1024 x 768 in stripe configuration                 | 2. RGB/DVD/HDTV:          | BNC x 5 video, RCA x 2 audio, 8-pin DIN x 1 control<br>(RGB G-sync, RGB H+V, RGBHV, Component and Y, Pb/Cb, Pr/Cr) |
| Total Pixels                     | 2,359,296 ((1024 x 768) x 3)                       | 3. Y/C:                   | BNC x 2 & S-Video x 1 video, RCA x 2 audio   |
| Lens Type                        | Power Zoom and Focus                               | Audio: Output - Line      | (Stereo) RCA x 2 (L & R)   |
| Lens Speed & Focal Length        | f:2.0~2.3; 2.98~3.84 in. (75.7~97.5mm)             | Audio: Output - Amplifier | 3 Watts RMS (each L&R) Stereo  |
| Lens Ratios                      | Zoom Max:Min: 1.29:1; Throw:Width: 2.1~2.6:1       | Audio: Output - Speakers  | 2 x 3.5 in. (5 x 9 cm) x 2   |
| Image Diagonal                   | 31~600 in.   | Fan Noise                 | 45 dBA   |
| Image Width                      | 2.6 ~ 40 ft. (0.8 ~ 12.2m)                         | Size (H x W x D)          | 9.1 x 17.3 x 23.9 in. (230 x 439 x 605 mm.)  |
| Throw Distance                   | 5. ~ 106 ft. (1.5 ~32.2.m)                         | Weight                    | 49.7 lbs. (22.5 kg)  |
| Front Elevation                  | up to 6.9° up                                      | Packaged Size (H x W x D) | 21.0 x 26.2 x 32.6 in. (532 x 664 x 827 mm)  |
| Vertical Anti Keystone           | Power Lens Shift, Ratio (T:B) >10:0~0:10           | Packaged Weight           | 65.7 lb. (29.8 kg)   |
| Vertical Keystone Correction     | Digital: Variable Adjustment +40°~ -40°            | Power Requirements        | 100~120/200~240V AC, 50/60Hz   |
| Scanning Frequency               | Auto: H Sync. 15-120kHz; V Sync. 50-120Hz          | Power Consumption / Heat  | 720 Watt / 2457 BTU / hr (620 Kcal / hr)   |
| Dot Clock                        | 230 MHz  | Power Cord                | 10' (3.m) Type 3, Detachable   |
| Image Orientation                | Normal, Reversed, Inverted                         | Safety Compliance         | UL Listed  |
| Local Control / Power Management | Full Function / Auto Lamp Shut-Off                 | Operating Temperature     | 41~95°F (5~35°C)   |
| Remote Projector & Mouse Ctrl    | Wireless/Wired x 1 w/ Laser Pointer                | User Maintenance          | Clean Air Filter, Replace Lamp   |
| Mouse Control Ports              | On input modules 1 & 2: Mini DIN x 2, USB x 1      | Warranty: Projector       | 3 Yr./ 6000 Hr.*(Parts/Labor to Correct Defects)   |
| Wired Remote Jack                | Mini Stereo x 1                                    | Warranty: Lamp            | 90 Days.(Failed Lamp Replaced Pro-Rata)*   |
| RS-232 Port                      | (In & Out) Dsub9 x 2                               |                           | * Whichever occurs first   |
| Computer Native Resolution       | 1024 x 768 (XGA)                                   |                           |  |
| Computer Compatibility           | UXGA, SXGA, XGA, SVGA, VGA & MAC                   |                           |  |

## LC-X4LA (Lensless Model)

This model is ready for the installation of an optional lens selected from an extensive list of fixed, manual zoom, and power zoom lenses with throw-to-width ratios ranging from approximately 0.8:1 up to more than 9.5:1. Weight: 46.3 lb (21.0 kg) Packaged Weight 61.5 lb (27.9 kg.)

The following warning is required by the US FDA and pertains to the laser pointer in the wireless remote control of this projector.  
**Caution! Laser Radiation – Do not stare into beam. Max. Output: 1 mW. Wave Length: 660 +/- 20 mm. Class II Laser Product.**

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