LC-X4 & LC-X4L

EIKI
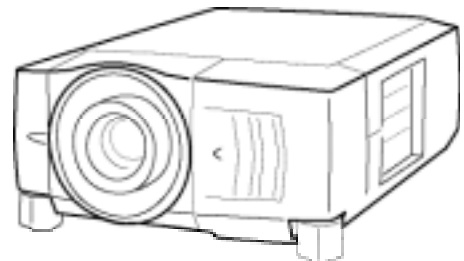*A-Key to better communications.*

XGA
Powerhouse
Projector

LC-X4

KEY FEATURES: Model LC-X4

- Projects 1024 x 768 pixels, for real XGA / MAC19 resolution.
- 5200 ANSI Lumens at 90% uniformity with a 700:1 contrast ratio.
- Projects images up to 40' wide (600" diagonal).
- 230 MHz dot clock for compatibility with most workstations.
- Smart data compression/expansion: compatibility up to UXGA / down to VGA.
- Digital Connectivity: DVI data input and Panel Link™ technology.
- HDTV Compatibility: 1080i, 1035i, 720p 575i/p, 480i/p.
- Video scaling. Progressive scan optimizes HD stills and animation.
- Digital Video Noise Reduction optimizes video image.
- Accepts Composite, Component, and S-Video Input. Displays 4:3 and 16:9.
- Multi-Format Video: NTSC / PAL / SECAM / NTSC 4.43 / PAL-M / PAL-N.
- Power Lens Shift offsets the image in both directions: up & down.
- Optional Telephoto, Midrange and WideAngle Lenses available.
- 3 Year* Projector Warranty!

INCLUDED ACCESSORIES: Owner's Manual. AC Power Cord 10′ (3.m), Lens Cap. Computer Input Cable 6′ (1.8m) HD15~HD15. DVI Input Cable. 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.

OPTIONAL ACCESSORIES: Telephoto, Midrange and Wideangle Lenses. Replacement Lamps. Additional DVI, 5 BNC and Y/C Modules. PC (HD15) Input Module. HD-SDI Input Module. Upconverter Input Module. Hard Shipping Case with wheels and telescoping handle. Ceiling Mount and Post & Plate. Stacker Stand.

SPECIFICATIONS: Model LC-X4

Screen Brightness . . . . 5200 ANSI Lumens
Illumination Uniformity 90%
Size of Color Palette . . . . 16.7 Million
Contrast Ratio . . . . 700:1 (Full ON/OFF)
Horizontal Resolution . . . . 800 TV Lines
Projection Lamp . . . . 200W UHP x 2
Imaging System . . . . 1.8" 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 . . . . Power Zoom and Focus
Lenses Speed & Focal Length . . . . . . f:2.0~2.3; 2.98~3.84 in. (75.7~97.5mm.)
Lenses Ratios. . . . . Zoom Max:Min: 1.29:1; Throw:Width: 2.1~2.6:1
Image Diagonal . . . . 31~600 in.
Image Width . . . . 2.6 ~ 40 ft. (0.8 ~ 12.2m.)
Throw Distance . . . . 5. ~ 106 ft. (1.5 ~ 32.2m.)
Front Elevation . . . . up to 6.9° up
Anti Keystone . . . . . . Power Lens Shift, Ratio (T:B) 10:0~0:10 (see lens spec.)
Keystone Correction . . . . Digital: Variable Adjustment +40°~ -40°
Scanning Frequency . . . . Auto: H Sync. 15-120kHz; V Sync. 50-120Hz.
Dot Clock . . . . 230 MHz.
Image Orientation . . . . Normal, Reversed, Inverted
Local Control / Power Management . . . . Full Function / Auto Shut-Off
Remote Projector & Mouse Ctrl . . . . Wireless/Wired x 1 w/ Laser Pointer
Mouse Control Ports . . . . On input modules 1 & 2: Mini DIN x 2, USB x 1
Wired Remote Jack . . . . Mini Stereo x 1
RS-232 Control Port . . . . (In & Out) Dsub9 x 2
Computer Native Resolution . . . . 1024 x 768 (XGA)
Computer Compatibility . . . . UXGA, SXGA, XGA, SVGA, VGA & MAC

Computer: Image Sizing . . . . Normal or Smart compressed or expanded
Video: Standards . . . . NTSC/PAL/SECAM/NTSC 4.43/PAL-M/PAL-N
Video: Formats Supported . . . . Normal 4:3 and Wide Screen 16:9
Video: Image Sizing . . . . Progressive Video Scaling
Video: Systems . . . . Composite, S-Video, Component
Input Channels 3
Input Modules . . . . Interchangeable: standard configuration below:
  1. DVI: . . . . DVI x 1 data, RCA x 2 audio, 8-pin DIN x 1 control
  2. RGB/DVD/HDTV: . . BNC x 5 video, RCA x 2 audio, 8-pin DIN x 1 control
      (RGB G-sync, RGB H+V, RGBHV, Component and Y, Pb/Cb, Pr/Cr)
  3. Y/C: . . . . BNC x 2 & S-Video x 1 video, RCA x 2 audio
Audio: Output - Line . . . . (Stereo) RCA x 2 (L & R)
Audio: Output - Amplifier . . . . 3 Watts RMS (each L&R) Stereo
Audio: Output - Speakers . . . . 2 x 3.5 in. (5 x 9 cm.) x 2
Fan Noise . . . . 45 dBA
Size (H x W x D) . . . . 9.1 x 17.3 x 23.9 in. (230 x 439 x 605 mm.)
Weight . . . . 45.2 lbs. (20.5 kg.)
Packaged Size (H x W x D) . . . . 20.6 x 26.2 x 32.6 in. (523 x 664 x 827 mm.)
Packaged Weight . . . . 65.3 lb. (29.6 kg.)
Power Requirements . . . . 100~120/200~240V AC, 50/60Hz.
Power Consumption / Heat . . . . 550 Watt / 1877 BTU / hr. (473 Kcal / hr.)
Power Cord . . . . 10' (3.m) Type 3, Detachable
Safety Compliance . . . . UL Listed
Operating Temperature . . . . 41~95°F (5~35°C)
User Maintenance . . . . Clean Air Filter, Replace Lamp
Warranty: Projector . . . . 3 Yr. / 6000 Hr.*(Parts/Labor to Correct Defects)
Warranty: Lamp . . . . .90 Days (Failed Lamp Replaced Pro-Rata)
<div align="right">* whichever occurs first</div>

LC-X4L (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. Lens and weight specifications vary.

The following warning is required by the U.S. FDAand 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.

Specifications subject to change without notice . ©2002 EIKI International, Inc. Issued February 01, 2002.