



LC-X800

Projectors... and more!

KEY FEATURES: Model LC-X800

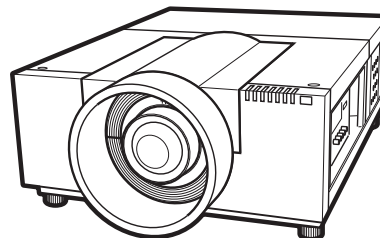
12,000 ANSI Lumens² bright, at 90%+ uniformity, with a 4000:1 contrast ratio.
 XGA resolution. UXGA ~ VGA and MAC compatible.
 Compatible with Normal and Widescreen input resolutions up to WUXGA and 1080p.
 Supports both analog and digital computer and video input in all color standards.
 Four inputs, 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 cartridge air filter reduces maintenance - up to 10,000 hours use.
 Top-accessed filter cartridge and lamphouse permit easy maintenance.
 Wireless/wired remote control. Full RS-232 compatibility. Optional network control.
 3 Year¹ Projector Warranty!

XGA - 3LCD+1 - 12,000 Lumens

New! Improved Dual Lamp Technology

Vivid Colors with 3LCD+one Imaging

High contrast ratio of 4000:1



Breakthrough Features

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| 1. 12,000** ANSI Lumens brightness XGA in a transportable. | 4. High efficiency light management system increases brightness. |
| 2. LCD panels deliver a remarkable 4000:1 contrast ratio. | 5. 3LCD+one technology for exceptional color reproduction. |
| 3. Inorganic imaging engine is optimized for extended use. | 6. Self-advancing 10,000 hr cartridge air filter reduces maintenance. |

INCLUDED ACCESSORIES - Owner's Manual on CD-ROM. Quick Start Guide. AC Power Cord 10' (3.m). VGA-type Input Cable Dsub15~Dsub15. Wireless/wired Remote Control & 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/Dsub15, and 5 BNC/Video Input Modules. DVI, Dsub15, 5BNC, and SD/HD-SDI Input Modules. Network Control Module. Hard Shipping Case with wheels and telescoping handle. Ceiling Mount and Post & Plate.

SPECIFICATIONS: Model LC-X800

Brightness	up to 12,000 ANSI Lumens (² with AH-22051 lens)	Video: System Compatibility	NTSC/PAL/SECAM/NTSC 4.43/PAL-M/PAL-N
Illumination Uniformity	90%	Video: Compatibility	SD: 480i/p, 575i/p, HD: 720p, 1035i, 1080i-50/60
Color Reproduction	10 bit / 1.07 Billion Colors		1080psf24/25/30 (digital only)
Contrast Ratio	up to 4000:1 (lamp control in Auto mode)	Video: Formats Supported	4:3 and 16:9
Horizontal Resolution	800 TV Lines (HDTV)	Video: Systems	Composite, S-Video, Component
Projection Lamp	330W NSHA x 2	Inputs	4
Estimated Lamp Life	up to 3000 Hrs.	Inputs 1 & 2: fixed configuration	
Imaging System	1.8" Inorganic PolySilicon active matrix TFT Panels x 3 with proprietary Color Control Device (3LCD+one)	Inputs 3 & 4: (unpopulated) module bays	
Screen Pixels	1024 x 768 in stripe configuration	1. a. <u>either</u> Analog Computer: Dsub15 x 1 RGB	
Total Pixels	2,359,296 ((1024 x 768) x 3)	b. <u>or</u> DVI-D x 1 Digital Computer or Video Input w/ HDCP	
Lens	Not Included - choose from a selection of optional lenses	2. a. <u>either</u> Computer: BNC x 5 (RGBHV)	
Image Diagonal	max. 40~600 in. (100~600 in. with AH-22051 lens)	b. <u>or</u> Component Video: BNC x 3 (Y,Pb/Cb,Pr/Cr)	
Image Width	max. 2.67~ 40ft. (0.81 ~ 12.19 m) (except AH-22051)	<u>or</u> Composite Video: BNC x 1 (Video)	
Throw Distance	See specifications of selected lens	<u>or</u> S-Video: S-Video x 1	
Projector Elevation Adjustment	up to 2.8° up or down	3. Available (unpopulated) module bay	
Projector Orientation	360° Pitch (including normal, inverted, up, down)	4. Available (unpopulated) module bay	
Vertical Power Lens Shift	Variable: Up/Down 50% (T:B) 10:0 ~ 0:10	Fan Noise	as low as 42 dBA
Horizontal Power Lens Shift	Variable: Left/Right 10% (L:R) 3:2 ~ 2:3	Size (H x W x D)	10.5 x 20.8 x 29.8 in. (267.5 x 530 x 757 mm.)
Vertical Keystone Correction	Digital: Variable +/-40°	Weight	60.85 lbs. (27.6 kg)
Horizontal Keystone Correction	Digital: Variable +/-20°	Packaged Size (H x W x D)	21.3 x 33.3 x 37.4 in. (542 x 846 x 951 mm)
Scanning Frequency	Auto: H Sync. 15-120kHz; V Sync. 48-120Hz	Packaged Weight	83.8 lb. (38.0 kg)
Dot Clock	230 MHz	Power Requirements	100~120/200~240V AC, 50/60Hz
Image Orientation	Normal, Reversed, Inverted	Power Consumption	up to 940 Watt
Power Management	Auto Lamp Shut-Off	Heat Generated	up to 3,207 BTU / hr (808 Kcal / hr)
Remote Projector Ctrl	Wireless/Wired x 1	Power Cord	10' (3.m) Type 3, Detachable
Service Port	USB-B x 1	Electrical Safety Compliance	IEC, UL, CE
Wired Remote Jack	Mini Stereo x 1	Electromagnetic Compatibility	FCC Class A, CE
RS-232 Port	(In & Out) Dsub9 x 2	Operating Temperature	41~104°F (5~40°C)
Native Resolution	1024 x 768 (XGA)	User Maintenance	Replace Air Filter Cartridge, Replace Lamps
Image Signal Resizing	Smart Scaling Technology	Warranty (to the original end-use customer)	
Computer: Compatibility	WUXGA and UXGA analog only	¹ Projector	3Yr./ 6000 Hr.*(Parts/Labor to Correct Defects)
	SXGA+ and WXGA ~ VGA & MAC, analog or digital	Lamp	90 Days(Failed Lamp Replaced Pro-Rata)
Computer: Formats	1920 x 1200 through 640 x 480		* Whichever occurs first

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



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