LC-HDT2000

Theater Series Projector

(Shown with optional lens)

Key Features:

- 15,000 ANSI lumens bright with 90% uniformity and a 3000:1 contrast ratio.
- Native 2K resolution. Compatible with inputs up-to UXGA and WUXGA.
- Supports analog and digital video input in all color standards up-to 2K*.
- 3LCD+One imaging system delivers more sophisticated color.
- 10-bit color processing, for superior color reproduction.
- Supplied without lens. Range of power zoom and focus lenses available.
- Bi-directional Vertical & Horizontal power lens shift and keystone correction.
- Accepts composite, component, and S-Video in all major standards.
- DVI-D (with HDCP) and HDMI® inputs support digital computer and video.
- Built-in wired LAN connection for projector monitoring and control.
- Self-cleaning air filter reduces maintenance. Optional smoke filter.
- Picture-in-Picture, Picture-by-Picture, and Edge Blending functions.
- Mechanical shutter for true black screen. 2, 3, and 4 lamp operation.
- Four hot-swappable lamps. Half inch (1.2 cm) steel plate chassis.
- 3 year projector warranty!

Summary:

Setting a new standard in affordable High Definition projectors, the EIKI LC-HDT2000 delivers more than high brightness, color and contrast. Engineered from the ground up for large venue applications, it offers a host of innovative performance, configuration and utilization features.

* Note: 2K may display via the built-in DVI-D or HDMI inputs, however 2K is fully supported only via the optional Dual-Link SDI Input Module.

EIKI®

Projectors... and more!

LC-HDT2000 SPECIFICATIONS

Brightness	up-to 15,000 ANSI Lumens (with AH-22051 lens)
Contrast Ratio	up-to 3000:1
Illumination Uniformity (corner to center)	90%
Resolution and Aspect Ratio	2K (2048x1080), approx. 17:9
Color Reproduction	10-bit (1.07 billion colors)
Projection Lamp	380 Watts NSHA x 4
Estimated Lamp Life	up-to 3,000 Hours
Imaging System	1.64 in (42 mm) Inorganic LCD Panels x 3
	with proprietary Color Control Device
Total Pixels	6,635,520 (2048x1080) x 3
Scanning Frequency	Auto: H: 15-120 kHz; V: 48-120 Hz
Pixel Clock	up-to 230 MHz
Lens	Changeable - Does not come with Lens
Image Diagonal	100 - 600 in (254 - 1,524 cm)
Image Width	7.4 - 44.2 ft (2.2 - 13.5 m)
Throw Distance	See specifications of selected lens
Projector Elevation Adjustment (legs)	up-to 3° Up or Down
Maximum Pitch	up-to 360°
Vertical Lens Shift (% of image height)	up-to 50% Up or Down
Horizontal Lens Shift (% of image width)	up-to 10% Left or Right
Vertical Keystone Correction	Digital: up-to 30° Up or Down
Horizontal Keystone Correction	Digital: up-to 30° Left or Right
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Projector Control	Wireless/Wired x 1
Wired Remote Control Port	MiniStereo x 1
RS232 Control Ports (In & Out)	Dsub9 x 2
LAN Port	RJ45 x 1
Service Port	USB-B x 1
Computer Input in Pixels	up-to 1600x1200 (4:3), 1920x1200 (16:10)
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Analog Wide Inputs	WXGA+, WXGA
Digital 4x3 Inputs	SXGA+, SXGA, XGA, SVGA, VGA
Digital Wide Inputs	WUXGA, WSXGA+, WXGA+, WXGA
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Image Signal Resizing	Smart Scaling Technology
Video Input Analog	480i/p, 575i/p, 720p, 1035i, 1080i
Video Input Digital	480i/p, 575i/p, 720p, 1035i, 1080i/p, 2K*
Image Signal Inputs:	
1a. Computer	Dsub15 x 1
1b. DVI-D (with HDCP)	DVI-D x 1
1c. HDMI 1.3 with (Deep Color)	HDMI x 1
2a. Analog Video (RGBHV)	BNC x 5
Component Video (Y, Pb/Cb, PrCr), 3BNC	
Composite Video, 1BNC	
2b. S-Video	S-Video x 1
3. Unpopulated Module Bay	
4. Unpopulated Module Bay	
Fan Noise	as low as 48 dBA
Cabinet Size	(HxWxD) 13.7 x 25.6 x 32.1 in (34.9 x 65.0 x 81.5 cm)
Weight	102.5 lb (46.5 kg)
Packaged Size (HxWxD)	21.3 x 33.3 x 37.4 in (54.2 x 84.6 x 95.1 cm)
Packaged Weight	125.7 lb (57.0 kg)
Power Requirements	200-240V AC, 50/60 Hz
Power Consumption	up-to 1,850 W
Heat	up-to 7,100 BTU/hr
Power Cord	approx. 10 ft (3 m) NEMA 6-20P, Detachable
Electrical Safety Compliance	IEC, UL, cUL
Electromagnetic Compatibility	FCC Class A, CE Mark
Operating Temperature	41-104°F (5-40°C)
Security Facilities	Steel Plate Chassis & Integrated Handles, More
Air Filter	Self-Cleaning, Multi-Layer, up-to 13,500 Hours
User Maintenance	Empty Dust Bin, Replace Filters, Change Lamps
UPC	4571194674859
Limited Warranty: to the original end-use customer only	
Projector	3 years
Lamp	6 months ownership/ 500 hours use (which ever occurs first)

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EIKI®

Projectors… and more!

Specifications subject to change without notice.
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Vivid Colors with the 3LCD+One Imaging Engine
High Contrast from Durable Inorganic LCD Panels
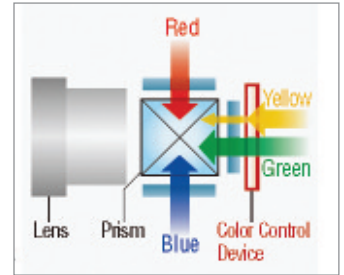*Hot-Swappable Lamps, so The Show Can Go On*

32.1"   25.6"   13.7"

LC-HDT2000
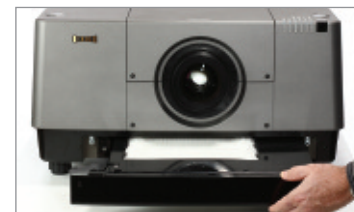(Shown with optional lens)

Remote control.

Broad selection of lenses.

3LCD+One Engine.

Built-in complement of professional inputs, and room for more. Choose from SD/HD-SDI, Dual-Link SDI, VGA/DVI and 5BNC/S-Video modules.

Air filter lasts up-to 13,500 hours.

200-240V AC
NEMA 60-20P

Hg *Lamp Contains Mercury. Do not put in trash. Dispose-of-as Hazardous Waste, according to the laws in your jurisdiction.*

INCLUDED ACCESSORIES:
Quick Start Guide, Owner's Manual on CD-ROM, Network Software on CD-ROM, Color Management Software on CD-ROM, Power Cord, Power Cord Clamp, Lens Attachment, Lens Light Block Sheets x 3, Lens Spacers x 3, Lens Safety Clamps x 2, VGA Computer Input Cable (Dsub15 to Dsub15), Wireless/Wired Remote Control (with 2 AAA Batteries), Wired Remote Cable (MiniStereo-MiniStereo).

OPTIONAL ACCESSORIES:
Replacement Lamps, Wideangle, Midrange and Telephoto Lenses, Additional DVI-D & Dsub15 Input Module, Additional 5BNC & S-Video Input Module, HD/SD-SDI Input Module, Dual-Link SDI Input Module, Replacement Air Filter Material Kit, Smoke Resistant Filter System, Replacement Smoke Resistant Filter Material, ATA-Style Shipping Case with Wheels and Telescoping Handle, Ceiling Mount, Ceiling Post & Plate.