

720p Home Theater DLP® Projector

# E1P-1600T

**1200 ANSI Lumens!**

Get the film-like imaging of DLP® technology in a quiet, bright, high definition video projector



### Outstanding Features:

1. HDMI Input (w/HDCP) for the superior quality of digital projection.
2. 6500:1 Contrast Ratio: blacker blacks, whiter whites, more shadow detail.
3. I/P Conversion and 3-2 pulldown support for SD sources.
4. Built-in Color Management System for user optimization of colors.
5. Digital Image Shift function permits video image repositioning.

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



### KEY FEATURES:

- ◆ Native 720p resolution. 1080i, 1035i, 576i/p, 540p, 480i/p compatible.
- ◆ HDMI Digital Video Input, plus Component, S-Video & Composite.
- ◆ Powered Optical Iris system adjusts contrast and brightness.
- ◆ Up to a 6500:1 Contrast Ratio. Up to 1200 ANSI Lumens Brightness.
- ◆ 5X Speed, 6 Segment Color Wheel for minimum color artifacts.
- ◆ Air Bearing Color Wheel for quiet operation: only 30 dBA in Eco mode.
- ◆ Installation flexibility: Medium Range (1.15X) Manual Zoom and Focus Lens.
- ◆ Preset image offset. Image Shift. V. H. and Geometric Keystone Correction.
- ◆ Compact, low profile shape. Sealed optics protect imaging system.
- ◆ Native WXGA computer resolution. Compatible with XGA~VGA, and MAC.
- ◆ Smart data expansion and video scaling.
- ◆ I/P conversion and 3-2 pulldown support.
- ◆ Auto Power Off shuts down the projector when not in use to prolong lamp life.
- ◆ **3 YEAR\* PROJECTOR WARRANTY!**

# EIP-1600T



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



## INCLUDED ACCESSORIES:

Owner's Manual. Quick Set-up Guide. Wireless Remote Control & Batteries (AAx2). AC Power Cord 5.9 ft. (1.8M). Lens Cover. 10' (3M) Composite Video Cable (RCA~RCA). 9-pin Mini DIN to Dsub9 RS-232 adapter.

## OPTIONAL ACCESSORIES:

Replacement Lamp. Component Video Input Adapter Cable (HD15~3-RCA). Ceiling Mount. Ceiling Post and Plate. EZ-250 Local Control. NPC-1 Network Control.

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Projectors... and more!

## SPECIFICATIONS: EIP-1600T

Screen Brightness	1200 ANSI Lumens / 960 in Eco mode
Illumination Uniformity	85%
Size of Color Palette	16.7 Million
Contrast Ratio	up to 6500:1 (Full ON/OFF)
Horizontal Resolution	720 TV Lines (DTV/720P)
Projection Lamp	275 Watt Short Arc SHP
Estimated Lamp Life	Standard: 2000 /Eco 3,000 Hours of Use
Imaging System	0.65 in. DMD™
Color System	6-segment, 5X speed color wheel
Screen Pixels	1280 x 768 in stripe configuration
Total Pixels	983,040
Lens Type	Manual Zoom and Focus
Lens Specs	Speed: f:2.4~2.6; FL: 0.75~0.86 in. (19.0~21.9 mm)
Lens Zoom: Ratio	1.15:1
Lens Throw:Width Ratio (16:9)	1.37~1.58:1 (+/- 3.5%)
Image Diagonal (16:9)	40~300 in. (102~762 cm)
Image Width (16:9)	2.92~ 21.75 ft. (0.89~6.64 m)
Throw Distance (16:9)	4.0~34.42 ft. (1.2~10.5 m)
Front Elevation / Maximum Tilt (16:9)	up to 8° up
Anti Keystone (16:9) Fixed Image Offset	Fixed Image Offset, 114.3% of Image Height, up
Image Shift (16:9)	up to 3.3% of image height Up or Down
Keystone Correction	Digital: up to 13° U/D or L/R, or geometric
Scanning Frequency	Auto: H Sync. 15-70 kHz; V Sync. 45-85 Hz
Dot Clock	85 MHz
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shut-Off
Remote Projector Control	Wireless (Infra Red) x 1
RS-232 Control Port	Mini DIN 9 Pin x 1
TRIGGER Terminal	DC 12V output
Video: Native Resolution	720p
Video Aspect Ratios Supported	4:3 and 16:9
Video Compatibility	NTSC, PAL, SECAM, NTSC 4.43, PAL-M, N, & 60
Video Systems Supported	
Analog	Composite, S-Video, Component
Digital	HDMI (w/HDCP)
Video Resolutions Supported	
SD	480i/p(60), 540p(60), 576i/p(50)
HDTV	720p(60), 1035i, 1080i (50/60)
Video: Image Sizing	Video Scaling Technology
Computer: Native Resolution	WXGA / 1280x768
Computer: Aspect Ratio Supported	4:3 and 16:9
Computer: Compatibility	WXGA, XGA, SVGA, VGA & MAC
Computer: Formats Supported	1280x768 through 640x480
Computer: Image Sizing	(SVGA and VGA) Smart Expanded
Inputs	
1: Video: Analog: Component Y/Pb/Pr (Y/Cb/Cr)	RCA x 3
2: Video: Analog: Component Y/Pb/Pr (Y/Cb/Cr)	RCA x 3
3: Video: S-Video	4-Pin Mini DIN x 1
4: Video: Composite	RCA x 1
5: Either Analog Computer	HD15 x 1
Or Component Video (using optional adapter cable)	
6: Video: DTV & HDTV (wHDCP)	HDMI x 1
Operating Noise	33 dBA (30 dB in Eco mode)
Cabinet Size (HxWxD)	4.7 x 12.4 x 11.0 in. (109 x 315 x 280 mm.)
	4.8 x 12.4 x 11.6 in. (120 x 315 x 294 mm.) including leg and lens
Weight	8.8 lbs. (4.0 kg)
Packaged Size (HxWxD)	10.7 x 17.4 x 18.1 in. (272 x 441 x 459 mm)
Packaged Weight	16.5 lb (7.5 kg)
UPC	4571194670516
Power Requirements	100-240V AC, 50/60Hz
Power Consumption	355 W, 310 W in Eco mode
Heat	1212 BTU/hr (306 Kcal/hr), 1058 BTU/hr (267 Kcal/hr) in Eco
Power Cord	5.9' (1.8 m) Type 3, Detachable
Safety Compliance	UL / cUL, CE
Broadcast Compliance	FCC Rules, Part 15: Class B
Security Facilities	Kensington® Security Slot
Operating Temperature	41~95°F (5~35°C)
User Maintenance	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)
	* Whichever occurs first