

PowerLite[®] 97H XGA 3LCD Projector

Projectors

Networked Classroom



The classroom projector with advanced connectivity and premium audio.

3x Brighter Colors¹, and reliable performance — 3LCD, 3-chip technology

One measurement of brightness is not enough — look for both high color brightness and high white brightness. The PowerLite 97H has:

Color Brightness — 2700 lumens²

White Brightness — 2700 lumens²

Incredible image quality — native XGA (1024 x 768) resolution and 4:3 format

Long-lasting, low-cost lamps — up to 10,000 hours in ECO Mode³

Advanced network control — RJ-45 and optional wireless connectivity⁴ for remote projector management, presentations over the network and more

Convenient collaboration for BYOD classrooms — wirelessly share⁴ and compare students' work from multiple devices, simultaneously, with Moderator device management software⁵

Wireless projection from an array of devices — project from iPhone[®], iPad[®], Android[™] tablets and smartphones with the free Epson iProjection[™] App⁴ (wireless module sold separately)

2x HDMI[®] digital connectivity — supports multiple high-definition A/V devices; includes one MHL-enabled port

Powerful sound to engage every student — includes a built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode



Specifications

Projection System 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 786,432 dots (1024 x 768) x 3
Color Brightness² Color Light Output 2700 lumens
White Brightness² White Light Output 2700 lumens
Aspect Ratio 4:3
Native Resolution 1024 x 768 (XGA)
Resize 640 x 480 (VGA), 800 x 600 (SVGA), 1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1366 x 768 (WXGA60-3), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 900 (WXGA++), 1600 x 1200 (UXGA60)
Lamp Type 200 W UHE
Lamp Life³ Up to 10,000 hours (ECO Mode) Up to 5000 hours (Normal Mode)
Throw Ratio Range 1.48 (Zoom:Wide), 1.77 (Zoom:Tele)
Size (projected distance) 30" to 300" (0.89 to 9.12 m) (Zoom:Wide)
Keystone Correction Vertical: ± 30 degrees (Automatic) Horizontal: ± 30 degrees (Slider)
USB Plug 'n Play Projector is compatible with PC and Mac® computers
Contrast Ratio Up to 10,000:1
Color Reproduction Up to 1 billion colors

Projection Lens

Type Manual Focus
F-number 1.58 – 1.72
Focal Length 16.9 – 20.28 mm
Zoom Ratio (optical zoom) 1.0 – 1.2

Interfaces

USB-A x 1
 USB-B x 1
 LAN x 1
 HDMI x 1
 HDMI/MHL® x 1
 Computer/Component x 2
 Video x 1
 S-video x 1
 RS-232c x 1
 Mic: Stereo Mini-jack 1
 Monitor Out x 1
 Audio 1 & 2
 Audio L & R
 Audio Out x 1
 Wireless LAN port: 802.11 b/g/n (optional – module sold separately)



Other

Display Performance NTSC: 480 lines PAL: 576 lines (Depends on observation of the multi-burst pattern)
Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM
Speaker 16 W (mono)
Operating Temperature 41 ° to 95 ° F (5 ° to 35 ° C)
Power Supply Voltage 100 – 240 V AC ±10%, 50/60 Hz
Power Consumption 299 W (Normal Mode) 221 W (ECO Mode) 2.3 W Standby (Communication On) 0.21 W Standby (Communication Off)
Fan Noise 37 dB (Normal Mode) 29 dB (ECO Mode)
Security Kensington®- style lock provision, padlock and security anchor bar

Dimensions (W x D x H)

Including feet 11.6" x 9.7" x 3.5"
Excluding feet 11.6" x 9.6" x 3.4"
Weight 6 lb (2.7 kg)

Remote Control

Features Brightness, Contrast, Tint, Saturation, Sharpness, Input signal, Sync, Tracking, Position, Color temperature, Volume
Operating Angle Right/left: ± 30 degrees Upper/lower: ± 15 degrees
Operating Distance 19.7' (6 m)

Eco Features

RoHS compliant
 Recyclable product⁶
 Epson America, Inc. is a SmartWaySM Transport Partner⁷

Support

The Epson ConnectionSM Pre-sales support (U.S. and Canada): 800-463-7766 Internet website: www.epson.com

Service Programs

Two-year projector limited warranty, Epson Road Service program, PrivateLine[®] dedicated toll-free support and 90-day lamp limited warranty

What's in the Box

PowerLite 97H projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, Software CD, Quick Setup Sheet, warranty card, password protect sticker

Ordering Information

PowerLite 97H projector	V11H688020
Genuine Epson lamp (ELPLP88)	V13H010L88
Replacement air filter (ELPAF32)	V13H134A32
Wireless LAN module (ELPAP07)	V12H418P12
Quick Connect USB key (ELPAP09)	V12H005M09
Soft Carrying Case (ELPKS67)	V12H001K67

1 Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. | 2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 4 Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable wireless connection on your Epson projector. Epson projectors can be networked either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Not all Epson projectors are able to be networked. Availability varies depending on model. | 5 Moderator feature is part of EasyMP® Multi-PC Projection software. | 6 For convenient and reasonable recycling options, visit www.epson.com/recycle | 7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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