

# PowerLite® 98H XGA 3LCD Projector



Projectors

Networked Classroom

## The bright classroom projector with advanced connectivity and premium audio.

**3x Brighter Colors<sup>1</sup>, 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 98H has:

**Color Brightness** — 3000 lumens<sup>2</sup>

**White Brightness** — 3000 lumens<sup>2</sup>

**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 Mode<sup>3</sup>

**Advanced network control** — RJ-45 and optional wireless connectivity<sup>4</sup> for remote projector management, presentations over the network and more

**Convenient collaboration for BYOD classrooms** — wirelessly share<sup>4</sup> and compare students' work from multiple devices, simultaneously, with Moderator device management software<sup>5</sup>

**Wireless projection from an array of devices** — project from iPhone®, iPad®, Android™ tablets and smartphones with the free Epson iProjection™ App<sup>4</sup> (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 Brightness<sup>2</sup>** Color Light Output  
 3000 lumens  
**White Brightness<sup>2</sup>** White Light Output  
 3000 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 Life<sup>3</sup>**  
 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 product<sup>6</sup>  
 Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>7</sup>

## Support

### The Epson Connection<sup>SM</sup>

Pre-sales support  
 (U.S. and Canada): 800-463-7766  
 Internet website: [www.epson.com](http://www.epson.com)

### Service Programs

Two-year projector limited warranty, Epson Road Service  
 program, PrivateLine<sup>®</sup> dedicated toll-free support and 90-day  
 lamp limited warranty

## What's in the Box

PowerLite 98H 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 98H projector	V11H687020
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

<sup>1</sup> 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. | <sup>2</sup> 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. | <sup>3</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>4</sup> 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. | <sup>5</sup> Moderator feature is part of EasyMP<sup>®</sup> Multi-PC Projection software. | <sup>6</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>7</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>™</sup>  
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