

# PowerLite<sup>®</sup> 5510 XGA 3LCD Projector



Projectors

Meeting Room

## Bright large-venue projector with lens shift and robust connectivity.

**Remarkable color accuracy** — 3LCD, 3-chip technology delivers high Color Brightness and a wide Color Gamut

**Look for two numbers** —

5,500 lumens<sup>1</sup> Color Brightness for accurate, vivid color

5,500 lumens<sup>1</sup> White Brightness for well-lit rooms

**Crisp, detailed images** — XGA (1024 x 768) resolution with up to 15,000:1 dynamic contrast ratio

**Installation flexibility** — up to  $\pm 58$  percent vertical and  $\pm 38$  percent horizontal lens shift; also features lens shift lock

**Versatile connectivity** — 2x HDMI<sup>®</sup>, VGA, BNC and LAN inputs for easy integration with any system

**Enterprise-level wireless security** — the optional wireless LAN module (sold separately) supports robust wireless network security protocols that help keep information safe

**Remote network monitoring and control** — plus Message Broadcasting and built-in scheduling functions

**Long-lasting lamp** — up to 10,000 hours in ECO Mode<sup>2</sup>

**Advanced collaboration features** — simultaneously project side-by-side from different sources with Split Screen<sup>3</sup>

**Seamless integration tools** — compatible with Crestron<sup>®</sup> RoomView<sup>®</sup> and Extron<sup>®</sup>



**Specifications**

**Projection System** High-aperture Epson<sup>®</sup> 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Driving Method** Epson Poly-silicon TFT Active Matrix  
**Pixel Number** 786,432 pixels (1024 x 768) x 3  
**Color Brightness<sup>1</sup>** Color Light Output: 5,500 lumens  
**White Brightness<sup>1</sup>** White Light Output: 5,500 lumens  
**Native Resolution** 1024 x 768 (XGA)  
**Resize** 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050  
**Aspect Ratio** Supports 4:3, 16:9, 16:10  
**Contrast Ratio** (High Brightness, Dynamic Mode) 15,000:1  
**Brightness Uniformity (Typical)** 87%  
**Color Reproduction** Up to 1 billion colors  
**Size (Projected Distance)** 30" – 300"  
**Lens Shift**  
 Vertical: ±58 percent  
 Horizontal: ±38 percent  
**Keystone Correction**  
 Vertical: ±30 degrees  
 Horizontal: ±30 degrees  
**Lamp Type** 300 W UHE  
**Lamp Life<sup>2</sup>**  
 10,000 hours (ECO Mode)  
 5,000 hours (Normal Mode)

**Effective Scanning Frequency Range**

**Pixel Clock** 13.5 MHz – 162 MHz (up to UXGA 60 Hz)  
**Horizontal** 15 kHz – 92 kHz  
**Vertical** 50 Hz – 85 Hz

**Video I/O**

**Display Performance**  
 NTSC: 480 line  
 PAL: 576 line (depends on observation of the multi-burst pattern)  
**Input Signal** NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM/480i/576i/480p/576p/720p/1080i/1080p  
**Pixelworks Video Chip** 3D Y/C separation, noise reduction motion compensated Interlace-Progressive conversion (2 – 2, 3 – 2 film detection)

**Standard Projection Lens**

**Type** Manual focus/zoom  
**F-number** 1.50 – 2.15  
**Focal Length** 21.34 mm – 37.99 mm  
**Zoom Ratio** Optical zoom: 1.0x – 2.0x  
**Throw Ratio Range** 1.27 – 2.59

**Interfaces**

2x HDMI (1x MHL)  
 Computer: 1x D-sub 15 pin  
 Component Video: 1x BNC  
 Audio-in: 2x Mini stereo  
 Network: 1x RJ-45 100 Mbps  
 Serial: 1x RS-232c  
 USB: 1x Type A (for wireless module, service, firmware update, clone settings)  
 1x Type B (firmware update)  
 1x Hardwire remote jack  
 Monitor Out: 1x D-sub 15 pin  
 1x Audio Out



**General**

**Operating Temperature** 32 ° to 113 °F (0 ° to 45 °C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz AC  
**Power Consumption**  
 462 W (Normal Mode)  
 324 W (ECO Mode)  
 3.0 W Standby (Communication On)  
 0.5 W Standby (Communication Off)

**Fan Noise**  
 38 dB (Normal Mode)  
 28 dB (ECO Mode)

**Security** Security cable hole, lens lock, Kensington lock provision

**Dimensions (W x D x H)**

**Including Feet** 8.5" x 13.9" x 6.2"  
**Excluding Feet, Lens, Cable cover** 14.8" x 11.4" x 4.3"  
**Weight with Standard Lens** 15.2 lb

**Remote Control**

**Features** Power, Source Search Selection, Computer, Video, A/V Mute, Freeze, User ID, Auto, Aspect, Color Mode, Number, Page Up and Down, E-Zoom, Volume, Help, Menu, Enter, Esc and Pointer Functions

**Operating Angle**  
 Right/left: Front: ± 60 degrees; Rear: ± 30 degrees  
 Upper/lower: Front: ± 20 degrees; Rear: +10 to + 45 degrees

**Operating Distance** 49 ft

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>5</sup>

**Support**

**Epson Connection<sup>SM</sup>**  
 Pre-sales support U.S. and Canada  
 800-463-7766  
 www.epson.com

**Service Programs** 2-year limited warranty, Epson Road Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

**What's in the Box**

PowerLite 5510 projector, power cable, computer cable (VGA), projector remote control with batteries, user manual CD, EasyMP<sup>®</sup> software CD, Quick Setup Sheet, registration card and lens lock screw

**Ordering Information**

PowerLite 5510	V11H828020
Genuine Epson Lamp (ELPLP95)	V13H010L95
Replacement Air Filter (ELPAF45)	V13H134A45
Wireless LAN Module (ELPAP10)	V12H731P02
PixiePlus <sup>™</sup> Control System for Epson Projectors	ELPSP10
Universal Projector Ceiling Mount	ELPMBPJF
False Ceiling Plate Kit	ELPMBP02
Active Speakers (ELPSP02)	V12H467020
Belkin Pro Series VGA Cable, 25 ft	F3H982-25
Belkin PureAV HDMI Cable, 12 ft	AV22300-1

<sup>1</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>2</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | <sup>3</sup> Consult your user manual for input combinations. | <sup>4</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>5</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.

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