

PowerLite® 5510 XGA 3LCD Projector



Projectors

Meeting Room

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

3x Higher Color Brightness¹ and reliable performance — 3LCD, 3-chip technology

Look for two numbers —

5,500 lumens² Color Brightness for accurate, vivid color

5,500 lumens² 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 ± 58 percent vertical and ± 38 percent horizontal lens shift; also features lens shift lock

Versatile connectivity — 2x HDMI®, 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 Mode³

Advanced collaboration features — simultaneously project side-by-side from different sources with Split Screen⁴

Seamless integration tools — compatible with Crestron® RoomView® and Extron®



Specifications

Projection System High-aperture Epson® 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 Brightness² Color Light Output: 5,500 lumens
White Brightness² 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 Life³
 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 – 3, 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 product⁶
 Epson America, Inc. is a SmartWay® Transport Partner⁶

Support

Epson ConnectionSM
 Pre-sales support U.S. and Canada
 800-463-7766
www.epson.com

Service Programs 2-year limited warranty, Epson Road Service program, PrivateLine® 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® 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™ 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

¹ Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. The projectors used by a third-party lab for measuring color brightness were leading Epson 3LCD business and education projectors and leading 1-chip DLP projectors, based on NPDS sales data for June 2013 through May 2014 and PMA Research sales data for Q1 through Q3 2013. | 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 Consult your user manual for input combinations. | ⁵ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁶ 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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