

PowerLite® W49 3LCD WXGA Classroom Projector with HDMI®



Projectors

Education

Engage students with ultra bright, widescreen projection.

3-chip 3LCD technology for Best-in-Class Color Brightness¹ — 3,800 lumens of color and white brightness²

Bright, widescreen images — with native WXGA resolution and a 16:10 aspect ratio

Low-priced, long-lasting lamp — up to 17,000 hours in ECO Mode³

Moderator function⁴ — allows up to 50 users to connect to the display simultaneously; perfect for displaying a variety of content or comparing students' work side-by-side

Advanced network connectivity — RJ-45 allows remote network projector management, presentations over the network, and more

Project from laptops and mobile devices — wirelessly display from PC, Mac®, Chromebook™, iOS® and Android™ devices⁵

Easy setup and positioning flexibility — offers a 1.2x optical zoom, ±30 degrees horizontal and vertical keystone correction, and Quick Corner®

Dual HDMI ports — supports multiple high-definition AV devices

Built-in 5 W speaker — for engaging projector displays

Screen size up to 320" — with Split Screen⁶ capability for side-by-side viewing



Specifications

Projection System 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 1,024,000 dots (1280 x 800) x 3
Color Brightness² Color Light Output: 3,800 lumens
White Brightness² White Light Output: 3,800 lumens
Aspect Ratio 16:10
Native Resolution 1280 x 800 (WXGA)
Resize 640 x 480 (VGA), 800 x 600 (SVGA), 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 210 W UHE
Lamp Life³
 ECO Mode: Up to 17,000 hours
 Medium Mode: Up to 10,000 hours
 Normal Mode: Up to 8,000 hours
Throw Ratio Range 1.30 (Zoom:Wide), 1.56 (Zoom:Tele)
Size (Projected Distance) 33" to 320" (0.91 to 9.07 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 16,000:1
Color Reproduction Up to 1.07 billion colors

Projection Lens

Type Manual focus
F-number 1.49 – 1.72
Focal Length 16.9 – 20.28
Zoom Ratio Optical zoom 1.0 – 1.2

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 5 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
 ECO Mode: 235 W
 Medium Mode: 303W
 Normal Mode: 345 W
 Standby (Communication On): 2.0 W
 Standby (Communication Off): 0.3 W
Fan Noise
 ECO Mode: 28 dB
 Normal Mode: 37 dB
Security Kensington-style lock provision, padlock and security anchor bar

Interfaces

1x USB-A
 1x USB-B
 1x LAN
 2x HDMI
 2x Computer/Component
 1x Video
 1x RS-232C
 1x Monitor Out
 Audio 1 & 2
 Audio R & L
 1x Audio Out
 Wireless LAN Port: 802.11b/g/n/a (optional – module sold separately)



Dimensions (W x D x H)

Including Feet 11.8" x 9.8" x 3.6"
Excluding Feet 11.8" x 9.8" x 3.4"
Weight 5.95 lb (2.7 kg)

Remote Control

Features AV Mute, Split, Aspect, Color Mode, Auto, Volume
Operating Angle
 Right/left: ± 30 degrees
 Upper/lower: ± 15 degrees
Operating Distance 19.7' (6 m)

Eco Features

RoHS compliant
 Recyclable product⁷
 Epson America, Inc. is a SmartWay® Transport Partner⁸

Support

Epson ConnectionSM
 Pre-sales support (U.S. and Canada): 800-463-7766
 Internet website: www.epson.com
Service Programs 2-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 W49 projector, power cord, computer cable (VGA), projector remote control, batteries, software CD, Quick Setup Sheet, warranty card

Ordering Information

PowerLite W49 Projector	V11H983020
Genuine Epson Lamp (ELPLP97)	V13H010L97
Replacement Air Filter (ELPAF32)	V13H134A32
Wireless LAN Module (ELPAP11)	V12H005A02
Soft Carrying Case (ELPKS70)	V12H001K70
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020

1 Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for May 2017 – April 2018. COLOR BRIGHTNESS WILL VARY BASED 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 Moderator control, Connecting via QR code and Projector Remote are not available on Epson iProjection™ for Chromebooks. | 5 For wireless functionality, including via the Epson iProjection App, the projector must be configured on a network, either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable a wireless connection. Not all Epson projectors are able to be networked. The Epson iProjection App does not support all files and formats. See www.epson.com for details. | 6 Split Screen feature requires remote control. Consult your user manual for input combinations. | 7 For convenient and reasonable recycling options, visit www.epson.com/recycle | 8 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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