

Pro L1490UNL WUXGA 3LCD Laser Projector with 4K Enhancement¹

Projectors

Large Venue



Product shown with lens.
Lens sold separately.

Premium large-venue projector with 4K Enhancement Technology¹.

- Brighter Colors with Epson®** — 9,000 lumens color/white brightness²
- Exceptional Full HD widescreen display** — native WUXGA (1920 x 1200) with 4K Enhancement¹ for presentations, videos, digital signage and more
- Worry-free operation** — virtually maintenance-free 20,000-hour laser light source with no lamps³
- Dynamic projection capabilities** — advanced built-in Edge Blending, image warping and curved-surface correction technologies for a variety of applications
- Advanced connectivity** — 3G-SDI, HDBaseT™, HDMI®, DVI-D, VGA, 5-BNC and Stereo Mini
- 10 optional interchangeable lenses** — with powered lens shift and lens memory
- Flexible installation** — 360-degree projection for added versatility
- Remote management and control tools** — included software allows for easy web-based monitoring and multiple projector setup
- Image correction camera** — automatically adjusts color and brightness to match other projectors in multiple-screen applications
- Brightness lock feature** — allows users to securely set maximum brightness level



Specifications

Projection System High-aperture Epson 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Native Resolution WUXGA with 4K Enhancement¹ (1920 x 1200 x 2)
Resolution on Screen WUXGA with 4K Enhancement¹ / 4.6 million pixels¹
Pixel Number in Device 2,304,000 pixels (1920 x 1200) x 3 chips

Signal Input

Maximum display resolution: 4096 x 2160 (resizing display)
 Display resolution: 1920 x 1200 pixels
Resize 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050

Aspect Ratio Supports 4:3, 16:9, 16:10

Color Arrangement Cross stripe

Color Brightness² Color Light Output: 9,000 lumens

White Brightness² White Light Output: 9,000 lumens

Contrast Ratio 2,500,000:1 AbsoluteBlack™ (Full White 8,000 lm/Full Black 0 lm)

Brightness Uniformity (typical) 90%

Color Reproduction Up to 1 billion colors

Size (projected distance) 50" – 300"

Lens Shift Vertical: ±60%; Horizontal: ±18%

Keystone Correction

Vertical: ±45 degrees;

Horizontal: ±30 degrees

Illumination Technology Laser Phosphor

Light Source Life³ (Normal) 20,000 hours

Projection Lens (Standard)

See website for information on optional lenses.

Type Powered shift/focus/zoom

F-number 1.8 – 2.35

Focal Length 36.0 mm – 37.4 mm

Zoom Ratio Optical zoom 1 – 1.6x

Throw Ratio Range 1.57 – 2.56

Other Features

Operating Temperature 32° to 113 °F (0° to 45 °C)

Power Supply Voltage 100 – 240 V ±10%, 50/60 Hz AC

Power Consumption

645 W (Normal Mode)

524 W (Extended Mode)

2.0 W Standby (Communication on)

0.5 W Standby (Communication off)

Fan Noise

37 dB (Normal Mode); max. 30 dB (Quiet Mode)

Security Security cable hole, lens lock, Kensington lock provision

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

Interfaces

3G-SDI x 1
 DVI-D x 1
 HDMI x 1
 HDBaseT x 1
 5-BNC, VGA x 1
 Audio in: Mini Stereo x 3
 Variable audio out: Mini Stereo x 1
 USB connector Type B x 1: For wireless only
 USB connector Type A x 1: For wireless only
 Monitor out: Mini D-sub 15 pin x 1
 Serial: RS-232c x 1

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-AL/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)

Dimensions (W x D x H)

Including Feet, Lens 23.1" x 19.4" x 8.3"

Weight 48.4 lb

Remote Control

Features Power, source search selection, lens shift, zoom, focus, test pattern selection, 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 +50 degrees

Operating Distance 49 ft

Eco Features

RoHS compliant

Recyclable product⁴

Epson America, Inc. is a SmartWay[®] Transport Partner⁵

Support

Epson ConnectionSM

Pre-sales support U.S. and Canada 800-463-7766

Internet website www.epson.com

Service Programs

The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first. Epson Road Service program with free Next-Business-Day replacement⁶, PrivateLine[®] dedicated toll-free support (U.S. and Canada only)



What's in the Box

Pro L1490UNL projector, power cable, HDMI clamps, projector remote control with batteries, Quick Setup Sheet and lens lock screw

Ordering Information

Pro L1490UNL	V11HA16920
Replacement air filter (ELPAF51)	V13H134A51
Ultra short-throw zoom lens (ELPLX02)	V12H004X02
Short-throw #1 zoom lens (ELPLU03)	V12H004U03
Short-throw #2 zoom lens (ELPLU04)	V12H004U04
Wide-throw #1 zoom lens (ELPLW05)	V12H004W05
Wide-throw #2 zoom lens (ELPLW06)	V12H004W06
Wide-throw #3 zoom lens (ELPLW08)	V12H004W08
Middle-throw #2 zoom lens (ELPLM15)	V12H004W0F
Middle-throw #3 zoom lens (ELPLM10)	V12H004M0A
Middle-throw #4 zoom lens (ELPLM11)	V12H004M0B
Long-throw zoom lens (ELPLL08)	V12H004L08
Replacement remote control	2173310
Lang frame	ELPMB59
Epson ceiling mount - low ceilings (ELPMB47)	V12H802010
Epson ceiling mount - high ceilings (ELPMB48)	V12H803010
False ceiling plate kit	ELPMBP02
Kensington security lock	ELPSL01
Distribution amplifier	ELPDA01
HDBaseT transmitter (ELPHD01)	V12H547020
Wireless LAN module (ELPAP10)	V12H731P02
1-year extended warranty	EPPEXPB1
2-year extended warranty	EPPTPB2

¹ 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution and surpass Full HD image quality. | 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 No required maintenance for the light source and filter up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. The projector has a limited warranty of three years or 20,000 hours, whichever comes first. | ⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁵ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ⁶ Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery.

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