

Pro Cinema LS9000 4K HDR 3LCD Laser Projector



Where 4K performance and refined quality converge.



Virtually Maintenance-Free — 20,000-hour solid-state laser light source¹ with an advanced vapor-cooled thermal transfer design provides instant power-on with no bulbs to be replaced

Stunning Picture Quality — 4K Display Technology² with HDR10+³ produces a full 8.29 million pixels on-screen for an exceptionally clear 4K UHD experience

True 3-Chip 3LCD Projector Engine — Advanced 3LCD technology uses three individual LCD chips to continuously display 100% of the RGB color signal for every frame. This allows for outstanding color gamut while maintaining excellent brightness without any rainbowing or color brightness issues seen with other projection technologies

Epson ZX Picture Processor — Our most advanced video processing technology to date, the proprietary 32-bit Epson ZX Picture Processor handles real-time color, contrast, HDR³, frame interpolation and resolution enhancement to faithfully reproduce the source material the way it was intended to be shown

High Picture Brightness — Impressive 2,200 lumens of color (IDMS Rated) and 2,200 lumens of white brightness (ISO Rated)⁴ for an exceptional picture in virtually any theater environment—even in rooms with ambient light

Epic for Gaming — Gaming up to 4K at 120 frames per second, along with input lag times below 20 ms, allow for serious gamers to take full advantage of the latest generation of gaming consoles and even higher-end gaming PCs; HDMI[®] 2.1 along with ARC and eARC support allows for outstanding compatibility with the latest AV receivers

3-Axis Motorized Lens Shift — Making installation simple, you can precisely shift the lens up to +/- 96% vertically and up to +/- 24% horizontally without any loss in picture distortion or clarity. You can also set the zoom and focus, then store all the settings in one of ten lens memory presets

Smart Home Control — Integrates seamlessly with home automation and remote monitoring systems; supports IP Control via PJLink, Control4[®] and Crestron[®] Control Systems



Specifications

Projection System Epson 3LCD
Chip Design (Architecture) 3-Chip
Light Source True Laser Diode Array
Projection Method Front, Front-Ceiling, Rear, Rear-Ceiling
Product Color Black
Driving Method Poly-Silicon TFT Active Matrix, 0.74"-wide panel, 12-bit
Output Resolution 4K Display Technology² 3840 x 2160 (dual-axis: 1920 x 1080)
Maximum Input Resolution 4096 x 2160
Maximum Refresh Rate 120 Hz
Supported Resolutions 4K 2160p, 2K Full HD 1080p/i, HD 720p, 576p/i, 480p/i
Native Aspect Ratio 16:9 widescreen
Resize Aspect Ratio Support 1.9:1 (4096 x 2160), 21:9 (2560 x 1080), 4:3 (1600 x 1200), 9:6 (720 x 480), 5:4 (720 x 576); compatible with Normal, Full or Zoom Modes
Color Brightness⁴ Color Light Output: 2,200 lumens
White Brightness⁴ White Light Output: 2,200 lumens
Contrast Ratio Up to and over 2.5 million to 1, with Dynamic Contrast in Normal or High Speed setting
White Balance 14-point temperature adjustment
Color Reproduction Full-color (up to 1.07 billion colors)
Size (Projected Distance) 50" to 300" (at 58" to 62'4")
Keystone Correction Vertical/Horizontal: ±30 degrees
HDR Color Processing Full 10-bit
Epson ZX Picture Processor Full 12-bit
Light Source Life¹
 Normal Mode: Up to 20,000 hours
 Medium Mode: Up to 20,000 hours
 Eco Mode: Up to 20,000 hours

Projection Lens

Epson VRX Lens 15-element precision glass structure (AGS)
Type Powered focus/optical zoom/lens position
F-Number 2.0 – 3.0
Focal Length 22.5 – 46.7 mm
Zoom Ratio 1 – 2.1
Throw Ratio Range 1.35 – 2.84
Lens Shift
 Vertical: ±96.3% (H center, powered)
 Horizontal: ±24% (V center, powered)
Lens Cover Powered, slide lens shutter

Interfaces

2x HDMI® 2.1 (HDCP 2.3); one supporting eARC/ARC
 1x USB Type-A (for optical HDMI cable, 300 mA maximum power supply only)
 1x USB Type-A 5 V, 2.0 A for power and firmware
 1x Mini USB (service only)
 1x LAN RJ45 (control only)
 1x RS-232c (DB-9)
 1x Trigger out (On, Off, Anamorphic Wide) 12 V DC, 200 mA maximum (3.5mm mono or stereo mini-jack)

Other Features

Dynamic Range Support HDR10³, HDR10+³, HLG
HDR³ Adjustment 16 steps, real-time
Color Modes Dynamic, Vivid, Bright Cinema, Cinema, Natural
Aspect Adjustment Yes (Auto/Full/Zoom/Anamorphic Wide/Horizontal Squeeze)
Anamorphic Lens Option Compatible with third party; Anamorphic Lens Kit sold separately
Frame Interpolation Input up to 4K at 60 Hz, output up to 4K at 120 Hz
eARC Audio Compatibility LPCM, supports Dolby® Digital AC-3, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-HD, DTS-HD High Resolution Audio, Master Audio, DTS:X, AAC
ARC Audio Compatibility LPCM, Dolby Digital (AC-3), DTS, AAC
Computer Compatibility PC, Mac®
Operating Temperature 41° F to 95° F (5° C to 35° C)
Power Supply Voltage 100 – 240 VAC ± 10%, 50/60 Hz
Dissipation BTU (Maximum) at 100 – 120V with (Light Output: 100%) = 1057.4 BTU/h
Airflow (Maximum) = 71.4 CFM
Power Consumption
 Normal Mode: 311 W
 Medium Mode: 243 W
 Eco Mode: 204 W
Fan Noise 22 – 30 dB
Security Kensington® security lock port
Parental Controls Power Button Lock hinders projector from being turned on without parental supervision

Dimensions (W x D x H)

Projector, Including Feet
 20.5" x 17.6" x 7.6"
 Weight: 28.0 lb



Remote Control

Features Front and rear directional
Operating Distance 32 ft (10 m)
Operating Angle
 Front Right/Left: ±30 degrees
 Upper/Lower: ±30 degrees
 Rear Right/Left: ±30 degrees
 Upper/Lower: 0 + 60 degrees

Limited Warranty and Service

Warranty 3-year projector limited warranty
Service Extra Care Road Service program, PrivateLine® dedicated toll-free support
Epson Connection™
 Pre-Sales Support (U.S. and Canada): 800-463-7766
 Website: www.epson.com

What's Included

Pro Cinema LS9000 projector, power cord, remote control with (2) AA batteries, Quick Setup Guide

Eco Features

RoHS compliant
 End-of-life options available⁵
 Epson America, Inc. is a SmartWay® Transport Partner⁶

Ordering Information

Pro Cinema LS9000 V11HC13120
 Replacement Air Filter ELPAF62 V13H134AB0
 Ceiling Mount (Black) CHF4500

Resolution	Refresh Rate (Hz)	YCbCr								
		4:2:0			4:2:2			4:4:4		
		8	10	12	8	10	12	8	10	12
3840 x 2160	30	Signal does not exist			SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	60	SDR	HDR*	HDR*	SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	120	SDR	HDR	HDR	SDR	HDR*	HDR*	SDR	HDR	-

* HDR: Support for HDR10, HDR10+ and HLG. For more information, visit [epson.com/hdrcompatibility](https://www.epson.com/hdrcompatibility)

1 No required maintenance for the light source for 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. | 2 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification. | 3 HDR performance available with select third-party devices. For more information, see [epson.com/hdrcompatibility](https://www.epson.com/hdrcompatibility) | 4 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 | 5 For convenient and reasonable recycling options, visit [epson.com/recycle](https://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.



Epson America, Inc.
 3131 Katella Ave, Los Alamitos, CA 90720

Epson Canada Limited
 185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

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Contact:

