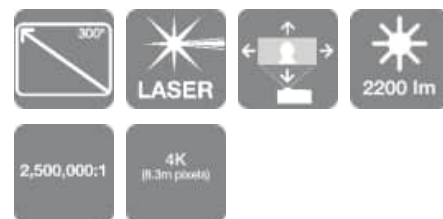


EH-LS9000W

DATASHEET / BROCHURE



High-performance 4K laser projector for home cinema with flexible installation and superb image quality.

The EH-LS9000W is a 4K laser movie projector designed for serious home cinema. Delivering crisp 4K resolution, smooth motion, and vivid colour, it brings the true cinema experience to your dedicated space. With powered lens controls and long-lasting performance, it's a flexible, low-maintenance solution for film enthusiasts.

Cinematic 4K laser projection at home

The EH-LS9000W is designed for high-performance home cinema. With 4K (3840 x 2160) resolution and 8.3 million pixels on screen, it delivers crisp, immersive visuals. The laser light source ensures lasting brightness and colour, giving film enthusiasts a reliable 4K projector that performs beautifully in dedicated cinema rooms.

Sharp motion and fine detail for every scene

Perfect for fast-moving films and sports, the EH-LS9000W uses 4K Frame Interpolation and Super Resolution to reduce motion blur and enhance clarity. HDR10+ and scene adaptive gamma correction ensure every scene is well balanced, from bright highlights to deep shadows.

Rich contrast and colour for immersive viewing

With a dynamic contrast ratio of 2,500,000:1 and advanced 3LCD laser technology, the EH-LS9000W delivers vibrant colours and inky blacks. It's built for controlled-light environments, making it ideal for serious home cinema setups where picture quality is paramount.

Install with ease in your cinema room

Whether ceiling-mounted or on a shelf, the EH-LS9000W supports flexible placement. Motorised lens shift, zoom, and focus let you position your projector precisely and adjust the image easily - no manual repositioning required.

Convenient lens memory for content variety

Adapt to your content with ease using 10 lens position memories. Switch between different aspect ratios - without losing your perfect screen alignment.

Low maintenance, long-term performance

The EH-LS9000W's laser light source is built for longevity and consistency. It reduces the need for replacements and maintenance, giving you more time to enjoy your home cinema without disruption.

KEY FEATURES

- **4K laser projection for home cinema**
Bring the big screen home with 4K (3840 x 2160) resolution and a durable laser light source.
- **Enhanced motion and detail for film lovers**
4K Frame Interpolation and Super Resolution keep action sharp and smooth. HDR10+ delivers vivid, lifelike visuals.
- **Deep contrast and rich colour accuracy**
Enjoy immersive film viewing with vibrant tones and a high dynamic contrast ratio of 2,500,000:1.
- **Flexible installation for cinema rooms**
Motorised lens shift, zoom, and focus allow easy setup in dedicated home cinema environments.
- **Lens memory for different screen formats**
Switch between content types with 10 stored lens settings for various aspect ratios.
- **Long-lasting performance, low maintenance**
Laser technology means consistent image quality and more time spent enjoying movies.
- **Legal Statement**
Complies with The UK Product Security and Telecommunications Infrastructure (Product Security) requirements. Epson will provide security updates for 7 years from purchase.

PRODUCT SPECIFICATIONS

TECHNOLOGY

Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	0.74 inch

IMAGE

Color Light Output	2,200 Lumen- 1,000 Lumen (economy)
White Light Output	2,200 Lumen - 1,000 Lumen (economy)
Resolution	4K (3840 x 2160)
Aspect Ratio	16:9
On-Screen Pixel Count	8,294,400
Contrast Ratio	Over 2,500,000 : 1
Native Contrast	1,800 : 1
Light source	Laser
Laser Light source	20,000 hours Durability High, 20,000 hours Durability Medium, 20,000 hours Durability Eco
Keystone Correction	Manual vertical: $\pm 30^{\circ}$, Manual horizontal $\pm 30^{\circ}$
Colour Video Processing	10 Bits
2D Vertical Refresh Rate	384 Hz - 480 Hz
Colour Reproduction	Upto 1.07 billion colours
HDR support	HDR10, HLG, HDR10+

OPTICAL

Throw Ratio	1.35 - 2.84:1
Zoom	Motorized, Factor:1 - 2.1
Lens Shift	Motorized - Vertical $\pm 96.3\%$, horizontal $\pm 24\%$
Lens position memory	10 positions
Screen Size	50 inches - 300 inches
Projection Distance Wide/Tele	3 m - 6.3 m (300 inch screen),
Projection Lens F Number	2 - 3
Projection Lens Focal Length	22.5 mm - 46.7 mm
Projection Lens Focus	Motorized
Mechanical shutter	Yes

CONNECTIVITY

Interfaces	USB 2.0 Type B (Service Only), Powered USB (2x), RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Trigger out, HDMI ARC, HDMI (HDCP 2.3)
Network Protocol	ESC/VP.net, PJLink

ADVANCED FEATURES

Security	Kensington lock
3D	No
2D Colour Modes	Dynamic, Natural, Cinema, Bright Cinema, Vivid
Other features	A/V mute, Direct Power on/off, Frame interpolation, Horizontal and vertical keystone correction, Lens position memory, Long light source life, Quick Corner, Super resolution
Interactivity	No
Video Color Modes	Cinema, Dynamic, Natural, Bright Cinema, Vivid
Projector control	via: Crestron Integrated Partner, AMX Device Discovery, Control4 Simple Device Discovery Protocol

PRODUCT SPECIFICATIONS

GENERAL

Power consumption	302 Watt (Normal On-Mode), 198 Watt (Eco On-Mode), 0.4 Watt (Energy saving standby)
Heat Dissipation	1,026.8 BTU/hour (max)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	520 x 447 x 193 mm (Width x Depth x Height)
Product weight	12.7 kg
Noise Level	Normal:30 dB (A) - Economy:22 dB (A)
Supported Temperature	Operation 5° C - 35° C, Storage -10° C - 60° C
Supported Humidity	Operation 20% - 80%, Storage 10% - 90%
Options	Air filter, Ceiling mount, Safety wire set, Suspension adapter
Room Type / Application	4K Gaming, 4K Streaming, Home Cinema, Sports, TV & Box sets
Positioning	Ceiling Mounted, Desktop
Colour	Black

OTHER

Warranty	60 months Carry in or 12,000 h
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EH-LS9000W

WHAT'S IN THE BOX

- Power cable
- Remote control incl. batteries
- User guide
- Warranty document

OPTIONAL ACCESSORIES

- Air Filter - ELPAF62 - EH-LS11/12000 V13H134AB0
- Ceiling Mount (White) - ELPMB22 V12H003B22
- Ceiling Mount (Low profile) - ELPMB30 V12H526040
- Ceiling Pipe (450mm) - ELPFP13 V12H003P13
- Ceiling Pipe (700mm) - ELPFP14 V12H003P14
- Safety Wire - ELPWR01 V12H003W01

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