EH-LS12000B

DATASHEET / BROCHURE



EH-LS12000B

Best for dedicated home cinema rooms. 4K laser projector with HDR10+, 3LCD and motorised optics for a true cinematic experience.

Heighten your home cinematic experience with this 4K resolution projector. Epson's 3LCD technology allows you to avoid the 'rainbow effect' and enjoy vivid colours thanks to an equally high White and Colour Light Output of 2,700 lumens. HDR10+ support reveals extra detail and depth, giving you natural yet richer colours. What's more, see incredibly defined detail in the shadows with the high contrast ratio of 2,5000,000:1 delivering deep blacks. With 4K Frame interpolation, 4K Super Resolution and scene adaptive gamma correction/auto contrast enhancement, the ultimate home-cinema experience is at your finger tips.The long-lasting laser light source will provide lower energy consumption, and you'll be able to enjoy home entertainment for up to 10 years[1].We don't think a home projector should be any more complicated to use than a TV. Installation is simple and precise thanks to motorised optics including a powered 2.1x optical zoom, powered focus and powered lens shift of ±96.3% vertical and ±47.1% horizontal.It's easy to view films in the right aspect ratio by storing your ten favourite formats. The projector is also compatible with Calman software calibration.

KEY FEATURES

- **Impressive sharp display**
  4K resolution (8.3mil pixels) and HDR10+ support
- **Smooth, fast-moving action**
  4K Frame Interpolation and 4K Super Resolution
- **Long-lasting solution**
  Enjoy up to 10 years of entertainment[1] thanks to laser light-source
- **Fully motorised optics**
  Powered zoom, focus and lens shift
- **Wide lens shift**
  Vertical ±96.3% and horizontal ±47.1%

PRODUCT SPECIFICATIONS

EH-LS12000B

TECHNOLOGY	
Projection System	3LCD Technology RGB liquid crystal shutter
LCD Panel	0.74 inches with C2 Fine
IMAGE	
Resolution	4K 3840 x 2160, 8.3m pixels, 16:9
High Definition	Full HD
Contrast Ratio	2,500,000
Light Source	Laser
Laser Light source	20000 hr Durability High, 20000 hr Durability Eco
Keystone Correction	Manual vertical: 30, Manual horizontal: 30
Colour Video Processing	10 Bits Color
Colour Reproduction	Upto 1.07 billion colours
OPTICAL	
Throw Ratio	1.35 - 2.84:1
Zoom	Digital, Factor: 1 - 2.1
Screen Size	50 in - 300 in
Projection Lens F Number	3
Projection Lens Focal Length	46.7 mm
Projection Lens Focus	Motorized
CONNECTIVITY	
Interfaces	Trigger out (1 x), HDMI (HDCP 2.3) (2 x), USB 1.0-A (2 x), USB 2.0 Mini-B (1 x), Ethernet interface (100 Base-TX / 10 Base-T) (1 x), RS-232C (1 x), HDMI ARC (1 x)
ADVANCED FEATURES	
Security	Kensington lock
Other Features	4K enhancement, A/V mute, Digital zoom, Horizontal and vertical keystone correction, Instant on/off, Lens position memory, Long light source life, Frame interpolation, Super resolution, ISF certification, Quick Corner
Video Colour Modes	Bright Cinema, Vivid, Dynamic, Natural, Cinema
Projector Control	Crestron Integrated Partner, AMX Device Discovery, Control4 Simple Device Discovery Protocol

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PRODUCT SPECIFICATIONS

GENERAL	
Heat Dissipation	1,026.8 BTUperhour
Product dimensions	520 mm x 447 mm x 192.7 mm (Width x Depth x Height)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Supported Temperature	Storage -10 °C - 60 °C
Supported Humidity	Operation 20 % - 80 %, Storage 10 % - 90 %
Room Type / Application	4K Gaming, Home Cinema, Sports
Positioning	Ceiling Mounted, Desktop
Colour	Black

OTHER

EH-LS12000B

WHAT'S IN THE BOX

- Main unit
- Power cable
- Remote control incl. batteries
- User guide
- Cable cover

OPTIONAL ACCESSORIES

- Air Filter - ELPAF62 - EH-LS11/12000
- Ceiling Mount - ELPMB22 - White
- Ceiling Mount - ELPMB30 - Low profile
- Ceiling pipe - ELPFP13 - 668-918mm
- Ceiling pipe - ELPFP14 - 918-1168mm
- Safety Wire - ELPWR01

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