

# Pro Cinema LS10500 3LCD Reflective Laser Projector with 4K Enhancement and HDR



## The 4K and HDR-compatible laser projector for the ultimate home theater.

**4K Enhancement Technology**<sup>1</sup> — accepts 4K input and supports HDCP 2.2 for truly immersive scenes from 4K UHD content

**HDR compatible** — enjoy HDR content, with an expanded range of contrast and color for images bursting with real-life detail

**Laser light source** — offers high-speed contrast control, a wider color gamut and rapid warmup and cool down, plus:

**Color Brightness:** 1,500 lumens<sup>2</sup>

**White Brightness:** 1,500 lumens<sup>2</sup>

**Expansive color gamut** — get brilliant, color-rich performance that displays the entire DCI color space, the digital cinema standard<sup>3</sup>

**AbsoluteBlack™ contrast ratio** — together, the 3LCD Reflective system and laser light source deliver AbsoluteBlack levels, displaying zero lumens during full-black scenes

**State-of-the-art Pro Cinema lens** — a high-performance lens optimized for 4K performance and precision

**Powered lens shift and position memory** — up to ± 90 percent vertical and ± 40 percent horizontal lens shift; store up to 10 settings in the projector memory, including zoom and focus

**Instant On and Instant Off**<sup>®</sup> — the projector reaches maximum brightness and turns off almost immediately

**Outstanding performance and service** — long lifespan up to 30,000 hours<sup>4</sup>; 3-year limited warranty and toll-free support



**Specifications**

**Projection System** 3LCD Reflective, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Product Color** Black  
**Driving Method** Epson Poly-silicon TFT Active Matrix, 0.74-inch wide panel Reflective HTPS  
**Projected Output** HD, 2D, 3D, 1080p with 4K Enhancement<sup>1</sup>  
**Pixel Number** 2,073,600 dots (1920 x 1080) x 3  
**Color Brightness<sup>2</sup>** (Color Light Output) 1,500 lumens  
**White Brightness<sup>2</sup>** (White Light Output) 1,500 lumens  
**Aspect Ratio** 16:9 widescreen (4:3 resize), Compatible with 4:3 and 2.35:1 video formats with Normal, Full or Zoom Modes  
**Aspect Mode** Auto/Normal/Full/Zoom/Anamorphic Wide/Horizontal Squeeze  
**Native Resolution**  
 1080p (1920 x 1080) with 4K Enhancement<sup>1</sup>  
**Resize** 16:10, 4:3  
**Laser Type** Laser Diode 41.9 mW (Output)  
**Light Source Life<sup>4</sup>** Up to 30,000 hours (ECO Mode)  
**Throw Ratio Range** 1.28 (Zoom: Wide), 2.73 (Zoom: Tele)  
**Size (projected distance)**  
 100" diagonal (wide: 9.3' – tele: 19.8')  
**Keystone Correction** Vertical: -30 to +30 degrees  
**Contrast Ratio** AbsoluteBlack (Full White 1,500 lumens / Full Black 0 lumens)  
**Color Reproduction** Up to 1.07 billion colors  
**Color Processing** 10 bit (Partial 12 bit)

**Projection Lens**

**Type** Powered optical zoom/Powered focus  
**F-number** 2.5 – 3.7  
**Focal Length** 21.3 mm – 44.7 mm  
**Zoom Ratio** 1 – 2.1  
**Lens Shift**  
 Vertical: 90% max (up and down with Horz. Centered)  
 Horizontal: 40% max (left and right with Vertical Centered)  
**Lens Cover** Powered, Slide Lens Shutter

**Other**

**Lens Position** the following 3 items are saved in memory:  
 Lens Shift Position/Zoom Position/Focus Position  
**Memory Positions** 10 (Memory 1 – 10)  
**Picture-in-Picture** Yes (HDMI<sup>®</sup> only)  
**Display Performance** 1920 x 1080 native 1080p with 4K/HDR Enhancement; HD, 2D, 3D, 2D-to-3D conversion, HDR, BT.2020 input signal  
**Color Modes** Dynamic, Natural, Cinema, Bright Cinema, B&W Cinema, Digital Cinema, Adobe RGB, 3D Dynamic, 3D Cinema  
**Lens Iris** Fine adjustments  
**Super Resolution** 4K Enhancement<sup>1</sup> Off/1/2/3/4/5/4K-1/4K-2/4K-3/4K-4/4K-5  
**Deinterlacing** Film/Auto, Video, Off  
**Frame Interpolation** Off/Low/Normal/High (2D and 3D Mode)  
**Pull Down** (1080/24p) 10:10 pull down

**Interfaces**

**Inputs**  
 HDMI1 HDCP 2.2a compatible 1x  
 HDMI2 1.4 1x  
 RS-232c 1x  
 RCA (composite) 1x  
 RCA (component) 3x  
 VGA D-sub 15 pin (computer input) 1x  
 Wired LAN (RJ45, 100 Mbps) for command and control only 1x  
**Terminal Outputs** (2x) configurable as Screen Power or Anamorphic Lens – Trigger On/Off (3.5 mm mini-stereo jack) each – 12 VDC 200 mA (max.)  
**Trigger Out Settings** Off/Power/Anamorphic Wide

**Other (continued)**

**Epson Super White** Controlled automatically adjusting to HDMI source (Available at Natural/Cinema/B&W Cinema/Digital Cinema/3D Cinema/User selectable On/Off on OSD)  
**Input Signal** HDMI: 480i/576i/480p/576p/720p/1080i/1080p/ 4K x 2K  
**Computer Compatibility** PC, Mac<sup>®</sup>  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 V AC ± 10%, 50/60 Hz  
**Power Consumption**  
 110-120 V AC Laser on 459 W Laser on (ECO) 267 W Standby Mode, Communication: On 2.2 W /Off 0.24 W  
**Fan Noise** 19 dB – 28 dB (ECO Mode, 4K Enhancement: Off)  
**Security** Kensington security lock port

**Dimensions (W x D x H)**

**Including Feet** 22.0" x 21.77" x 8.85"  
**Weight** 39.7 lb

**Remote Control**

**Features** Front and Rear  
 Operating Angle  
 Front: Right/Left: ±30 degrees  
 Upper/Lower: ±30 degrees  
 Rear: Right/Left: ±30 degrees  
 Upper/Lower: 0 to +60 degrees  
**Operating Distance** 32.8 ft

**Parental Controls**

**Power Button Lock** Hinders projector from being turned on without parental supervision

**Eco Features**

RoHS compliant  
 Recyclable product<sup>5</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>6</sup>



**Support**

**Epson Connection<sup>SM</sup>**  
 Pre-sales support  
 U.S. and Canada: 800-463-7766  
 Internet website: www.epson.com  
**Service Programs** 3-year projector/1-year 3D glasses limited warranty, Extra Care<sup>SM</sup> Home Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only)

**What's in the Box**

Pro Cinema LS10500 projector, cable cover, power cord, two pairs of 3D glasses, two HDMI cable clamps, remote control with batteries

**Ordering Information**

Pro Cinema LS10500	V11H873020KB
RF 3D glasses	V12H548006
Projector ceiling mount	CHF3500
Remote control	1598520
Belkin PureAV HDMI audio video cable – 3 ft	AV22300-03
Belkin PureAV HDMI audio video cable – 6 ft	AV22300-06
Belkin PureAV HDMI audio video cable – 12 ft	AV22300-12
Belkin Pro Series VGA / SVGA cable – 6 ft	F3H982-06
Belkin Pro Series VGA / SVGA cable – 10 ft	F3H982-10
Belkin Pro Series VGA / SVGA cable – 25 ft	F3H982-25
Kensington security lock	ELPSL01

<sup>1</sup> 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution and surpass Full HD image quality. Resolution is 1920 x 1080 in 3D Mode. | <sup>2</sup> 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. | <sup>3</sup> Entire DCI color space can be displayed in Digital Cinema Mode only. | <sup>4</sup> 30,000 hours is the estimated projector life when used in ECO Mode. Actual hours may vary depending on usage environment. The projector comes with a 3-year limited warranty, described in the warranty statement. | <sup>5</sup> For convenient and reasonable recycling options, visit www.epson.com/recycle | <sup>6</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Caution: Class 2 laser product. Do not stare into the beam.

Better Products for a Better Future<sup>SM</sup>  
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