

Epson PowerLite® Home Cinema 8500 UB

Home Theater Projector



Stunning image quality and contrast for the finest home cinemas.

Experience home theater in a way you never thought possible with the Epson PowerLite Home Cinema 8500 UB. With a contrast ratio up to 200,000:1, unprecedented in its class,[†] you get deep blacks and extraordinary detail, putting you right in the middle of the action. Whether you're watching movies, sports or play video games, this 1080p projector ensures amazing image quality with Epson D7 panels, an HQV processor and innovative Super-resolution technology. Enjoy brilliant quality and blockbuster performance. With a powerful cinema filter, improved frame interpolation and state-of-the-art Fujinon® lens, a brand trusted by renowned Hollywood producers, this product delivers dynamic video in virtually any setting. Its exclusive 3LCD, 3-chip optical engine ensures dynamic, high-definition performance. New THX Movie Mode ensures accurate and exceptional picture quality, while the long-life E-TORL® lamp delivers more lumens per watt and lasts up to 4000 hours. The PowerLite Home Cinema 8500 UB offers easy maintenance with an efficient cooling system and convenient dust filtration system. So, bring big-screen entertainment home in a whole new way for rich cinematic adventures.

3LCD technology — for quality and color that's beyond amazing

3LCD technology delivers amazing color and detail. Whether it's big-screen entertainment or a classroom demonstration, 3LCD technology takes video performance to the next level. Delivering legendary image quality, this innovative technology always ensures powerful visual presentations.

Amazing color — With its 3-chip design, 3LCD delivers clear and vibrant images so true to life, you may not believe your eyes.

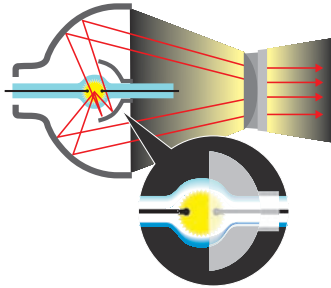
Road-tested reliability — 3LCD technology has been the world's leading projection technology for 20 years and has consistently been the choice for users who demand long-life performance and reliability.

Energy-efficient light engine — The 3LCD light engine efficiently uses available lamp light to create stunning images. In contrast to 1-chip DLP technology, 3LCD requires 25% less electricity per lumen of brightness.*



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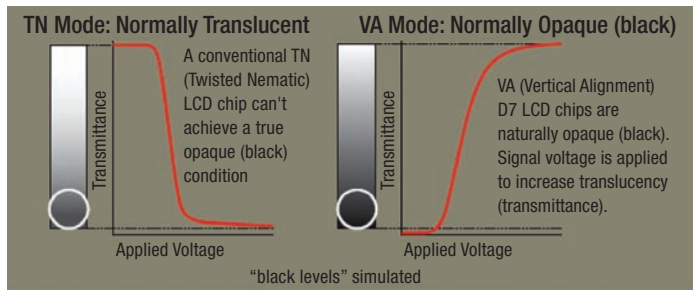
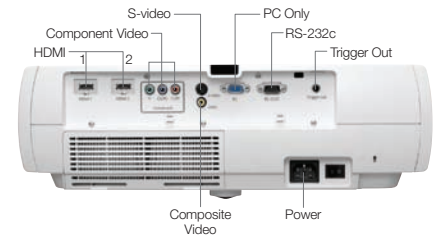


Energy-efficient E-TORL lamp

The innovative E-TORL lamp, exclusively from Epson, is a reliable performer that delivers more lumens per watt and lasts up to 4000 hours.** Switch the projector to Normal Mode and the E-TORL lamp still produces up to 3000 hours of light performance. The special E-TORL design minimizes both light diffraction and light leakage, providing you the ultimate in lamp longevity.

Home entertainment made easy with flexible installation and state-of-the-art connectivity

The PowerLite Home Cinema 8500 UB provides astonishing placement flexibility with a 2.1x zoom ratio and vertical and horizontal lens shift (without image distortion). Additionally, there are two HDMI 1.3a ports for flexible connectivity options. The PowerLite Home Cinema 8500 UB works with any blank wall or screen and projects DVD movies up to eight times larger than they would appear on a 40" widescreen TV. In fact, it displays an 80" widescreen image from just 8 feet away, or a 120" image from just 12 feet away.



Epson UltraBlack technology makes it possible to achieve incredibly deep blacks with minimal light leakage.



Astounding black levels deliver a stunning 1080p cinematic experience.

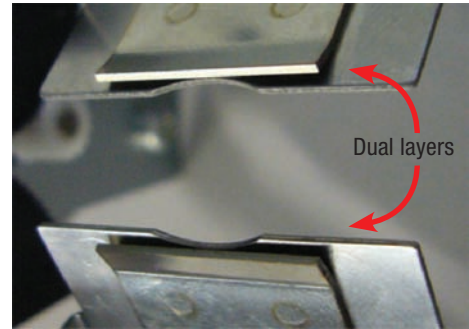
Incredibly deep blacks with crystal-clear detail

Achieve astounding blacks with an incredible contrast ratio of up to 200,000:1, UltraBlack™ technology and Epson's exclusive Vertical Alignment (VA) LCD technology. With VA LCD technology, opaque (black) is the natural state. Signal voltage is applied to increase translucence (transmittance) as needed. This is a fundamental design and performance advantage — a complete re-thinking of LCD chip design. Conventional LCDs use Twisted Nematic chips, which are translucent in their natural state. Signal voltage is applied to reduce light throughput, but the inability to achieve correct Liquid Crystal alignment means that true black is impossible to achieve, as there will always be some leakage. VA technology is fundamentally correct, and results in true deep blacks since the molecules align uniformly with minimal stray light leakage.

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Dual-layer auto iris

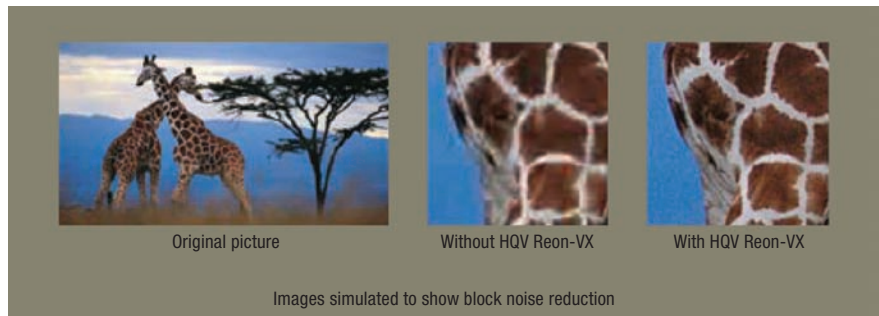
A new dual-layer auto iris system enables incredibly deep blacks to be produced by more efficiently controlling the light reduction rate that passes through the auto iris shutter gates.



Dual-layer auto iris

Superior video quality with built-in Silicon Optix HQV Reon-VX processor

The Silicon Optix HQV processor is the reference standard in deinterlacing and scaling. Its Floating Point Gate Array technology realizes an incredible one trillion processing operations per second. In fact, this system provides a host of processing, deinterlacing and scaling benefits. With standard-definition (SD) and high-definition (HD) interlaced content (DVDs, TV shows, 1080i HDTV broadcasts), the Reon-VX smooths jagged edges on low-angle solid lines and flat edges. MPEG compression-related artifacts, such as mosquito noise, are reduced due to the Reon's processing prowess. MPEG compression works via 8x8 pixel blocks. Reon-VX block-noise reduction minimizes block-noise artifacts, restoring a natural picture.



New built-in Silicon Optix HQV Reon-VX processor reduces block noise and artifacts to restore a more natural picture.

OptiCinema™ lens for outstanding picture quality and easy setup

The OptiCinema lens system is a precision, high-quality, optical grade system. Co-developed with Fujinon, a top supplier of precision camera optics to the world's leading HD camera makers, this system offers excellent picture uniformity and clarity across the screen. This lens system also provides precision focus with a 2.1x zoom ratio. And, it delivers maximum installation flexibility with 96% vertical and 47% horizontal lens shift (without image distortion).

Revolutionary Super-resolution technology for sharp, dramatically rich images

Super-resolution technology sharpens blurry images that have been enlarged by a general upscaling process, and delivers a crisp, clear image with super high-quality resolution. Super resolution's mixed color separation technique and imaging simulation makes DVDs and standard- and high-definition content come alive with bright, sharp and dramatically rich detail.

Enhanced FineFrame™ interpolation processing technology

Film is encoded on DVD and Blu-ray® at 24 frames-per-second. FineFrame de-constructs and re-constructs these sources for a 1080p frame rate output of up to 96 Hz, eliminating visible flicker and frame-to-frame judder. 4:4 pulldown also corrects for improperly encoded sources, and features a reverse 2:3 pulldown detection-and-correction function. Frame interpolation generally works best when viewing high-definition content, such as Blu-ray discs with scenes that contain a lot of action, or playing videogames.

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THX display certification ensures accurate and exceptional picture quality for projectors and flat-panel displays. THX sets strict performance standards for black levels, resolution, contrast, color gamut and signal processing. The THX-certified Epson PowerLite Home Cinema 8500 UB features THX Movie Mode, a playback setting that lets consumers experience studio color, black levels and clean-signal processing right out of the box. THX Movie Mode is designed to recreate the cinema experience at home by setting the display's gamma, luminance, color temperature and other settings to mirror those used by filmmakers in the studio. For more information, visit <http://www.thx.com>

Amazing color and white light output

Color light output is critically important because color is a key indicator of picture quality. Color light output is a metric reported in lumens. It measures a projector's ability to deliver color. Developed by color scientists, color light output provides a simple and accurate way to evaluate projector color performance, which helps end-users make better buying decisions. When color light output and white light output are equivalent, you get optimal color performance. With Epson, you can be confident you're getting what you need because Epson measures white light output according to the ISO 21118 standard, a more rigid standard than the maximum or outdated ANSI lumens rating used by competitive products.

Features/Benefits

- **Advanced video quality** — HQV processor, Super-resolution chip and THX certification
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip optical engine
- **High-definition, 1080p home theater experience** — D7 panel with C²Fine® technology delivers 1920 x 1080 resolution
- **Sharp, dramatically rich images** — revolutionary Super-resolution technology enhances DVD, SD and HD content
- **Deep, dark blacks; crystal-clear detail** — contrast ratio up to 200,000:1 and UltraBlack technology with new dual-layer auto iris
- **Stunning picture uniformity and clarity** — state-of-the-art lens by Fujinon
- **Amazing, true-to-life color** — Epson exclusive cinema filter with an expanded color gamut and new color reproduction feature
- **Brilliant images, anytime, day or night** — 1600 lumens color light output, 1600 lumens white light output***
- **Cutting-edge connectivity** — two HDMI ports for maximum flexibility
- **Energy-efficient E-TORL lamp** — up to 4000-hour lamp life**
- **Smooth gradations** — 10-bit panel driver
- **Unobtrusive operation** — low fan noise so you can focus on pure entertainment
- **Ideal for fast-action movies, TV shows** — advanced, high-speed auto iris function adjusts light output up to 60 times per second to match every entertainment option
- **Easy maintenance** — convenient dust filtration system with large surface area for greater efficiency
- **Outstanding support** — two-year limited warranty; two-business-day Home Service shipping

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Epson home entertainment projectors

Epson high-definition projectors take home theater entertainment to a whole new level, featuring color and detail that's sure to win rave reviews from friends and family alike. With the vivid realism of Epson 3LCD technology, these projectors will make your home the hottest ticket in town. Experience movies, games and sporting events like you never have before. Designed by the world leader in projectors, these models are the ideal choice for amazing home entertainment that all are sure to enjoy.

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Better Products for a Better Future™

For more information on Epson's environmental programs, go to www.epson.com/environment

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Eco Features

- Designed to be recycled****
- Energy-efficient 200 W E-TORL lamp
- Energy-efficient 3LCD technology

* Data source: ProjectorCentral.com Jan. 2009. Average of 796 shipping models for which the manufacturers provide lumens and total power data, all resolutions and brightness levels.

** Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

*** Light output varies depending on modes (color and white light output). White light output measured using ISO 21118 standard.

**** See our website for convenient and reasonable recycling options at www.epson.com/recycle

† Home video projectors under \$4000

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