

PowerLite[®] Pro Cinema 9700 UB

HOME THEATER PROJECTOR



Extraordinary Widescreen Performance for Elite Home Cinemas.

The PowerLite Pro Cinema 9700 UB will be the star performer in your home cinema — delivering movies, sports and video games with remarkable color, stunning contrast and exceptionally sharp details. An impressive technology lineup produces images so realistic, you'll feel like your favorite actors, athletes and characters are right there with you. A built-in Silicon Optix HQV Reon-VX processor with a PW 390 video scaler ensures natural, smooth image quality, while a state-of-the-art Fujinon[®] lens with a 2.1x zoom ratio delivers stunning picture uniformity and positioning flexibility. Color settings can be customized according to source material and geographic locale. Best of all, the PowerLite Pro Cinema 9700 UB features two anamorphic lens mode options — for easy, versatile viewing of 2:35:1 cinemascope content in its original format. Take your widescreen home entertainment experience to a whole new level with the extraordinary PowerLite Pro Cinema 9700 UB.

Deep, dark blacks; crystal-clear detail — 1080p D7 chip with C²Fine™ technology and a contrast ratio up to 200,000:1

Widescreen format — new anamorphic scaling mode preserves original 2:40:1 aspect ratio and eliminates black bars (now usable with fixed or movable external anamorphic lens)*

Custom calibration — ISF certified with color space selection and color isolation tools



PowerLite® Pro Cinema 9700 UB

HOME THEATER PROJECTOR

The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, 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.



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

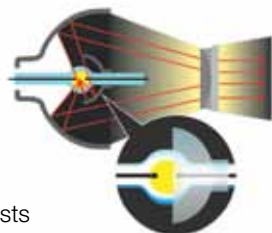
Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors¹
- Road-tested reliability from a company with over 20 years of experience



Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 4000 hours²
- Minimizes both light diffraction and light leakage
- E-TORL lamps maximize your viewing time, while minimizing your costs



▲ E-TORL lamp

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).

Amazing light output

- 1600 lumens color light output and 1600 lumens white light output³
- High color light output for bright, balanced, colorful images
- Light output and performance to meet your expectations
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)



Epson — 3LCD

Other — DLP



High color light output



Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.



▲ Built for flexible installation

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

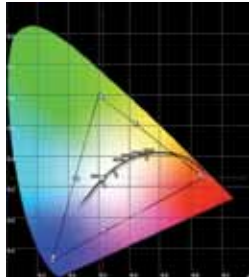
- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled⁴
- Epson America, Inc. is a SmartWaySM Transport Partner⁵



Amazing image quality

Imaging Science Foundation (ISF) calibration and color management features

ISF calibration allows settings to be customized for any environment. Additionally, preset color space selection allows the user to select from three different color gamuts, according to source material and locale (SMPTE-C for standard definition, HD [Rec.709] for HD, and EBU [PAL] for Europe).



THX display certification

Ensures accurate and exceptional picture quality — exceptional performance standards for black levels, resolution, contrast, color gamut and signal processing

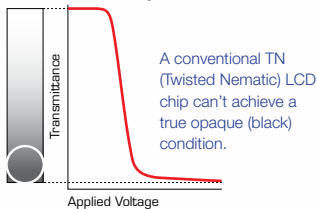
Versatile Movie Mode settings — a playback setting that lets consumers experience studio color, black levels and clean-signal processing with few calibration adjustments



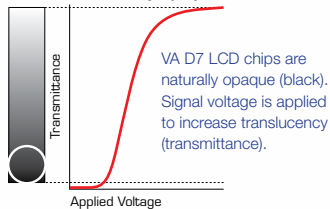
Incredibly deep blacks with crystal-clear detail

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

TN Mode: Normally Translucent



VA Mode: Normally Opaque (black)



"black levels" simulated

Dual-layer auto iris

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



PowerLite Pro Cinema 9700 UB Features

- **Deep, dark blacks; crystal-clear detail** — 1080p D7 chip with C²Fine technology and a contrast ratio up to 200,000:1
- **Rich, vibrant color** — 3LCD, 3-chip technology
- **Brilliant images, anytime, day or night** — 1600 lumens color and white light output³
- **Natural, smooth image quality** — built-in Silicon Optix HQV Reon-VX processor
- **Widescreen format** — new anamorphic scaling mode preserves original 2.35:1 aspect ratio and eliminates black bars (now usable with fixed or movable external anamorphic lens)*
- **Sharp, rich images** — revolutionary Super-resolution technology enhances DVD, SD and HD content
- **Custom calibration** — ISF certified with color space selection and color isolation tools
- **Stunning picture uniformity and positioning flexibility** — state-of-the-art Fujinon lens with a 2.1x zoom ratio
- **Energy-efficient E-TORL lamp** — 200 W lamp lasts up to 4000 hours²
- **Cutting-edge connectivity** — two HDMI 1.3 ports for maximum flexibility
- **Ideal for fast-action movies, TV shows** — advanced, high-speed auto iris function adjusts light output up to 60 times per second
- **Easy maintenance** — convenient dust filtration system with large surface area for greater efficiency
- **Outstanding support** — three-year limited warranty; next-business-day shipping service

Anamorphic widescreen mode

Eliminate black bars — converts 16:9 projected images to a cinema style 2.35:1 aspect ratio

Black bars or "letterbox" effect



2.35:1 image on a 16:9 screen



2.35:1 image on a 2.35:1 screen

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

Reduces block noise and artifacts to restore a more natural picture



Original picture



Without HQV Reon-VX



With HQV Reon-VX

Images simulated to show block noise reduction

PowerLite[®] Pro Cinema 9700 UB

Home Theater Projector



Product Name	Product Code	UPC
PowerLite Pro Cinema 9700 UB	V11H420320	0 10343 88008 5
Genuine Epson Lamp	V13H010L49	0 10343 87268 4
Replacement Air Filter	V13H134A21	0 10343 87269 1

Specifications

Projection System

3LCD, 3-chip optical engine
Poly-silicon TFT active matrix

Projection Methods

Front/rear/ceiling mount

White Light Output³

1600 lumens

Color Light Output³

1600 lumens

Aspect Ratio

Native 16:9 widescreen (4:3 resize)
Compatible with 4:3, 16:9 and 2.35:1 video formats (with 2 anamorphic lens modes) with Normal, Full or Zoom Modes

Native Resolution

Native 1080p (1920 x 1080)

Lamp Type

200 W UHE (Ultra High Efficiency) E-TORL

Lamp Life²

Up to 4000 hours

Size (projected distance)

100" diagonal (wide: 9.8' – tele: 20.9')

Contrast Ratio

Up to 200,000:1

Color Processing

Full 12-bit

Projection Lens

Type

Manual zoom/Manual focus

F-number

2.0 – 3.17

Focal Length

22.5 mm – 47.2 mm

16:9 widescreen image size (projected distance)

100" diagonal (wide: 9.8' – tele: 20.9')

Zoom Ratio

Manual 2.1x

Lens Shift

Vertical: 96.3% max (up and down)

Horizontal: 47.1% max (left and right)

Other

7 Color Modes

Vivid, Cinema Day, Cinema Night, THX, HD, SilverScreen, x.v. Color

Input Signal

NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM/480i/576i/480p/576p/720p/1080i/1080p

Terminal Inputs

2 HDMI 1.3a

1 RCA (Composite)

1x3 RCA (Component)

1 Mini DIN (S-video)

1 D-Sub 15 pin (Analog RGB)

1 D-Sub 9 pin (RS-232c)

Video Compatibility

HDMI

HDTV

Component video

S-video

Composite video

NTSC/PAL/SECAM

Analog RGB (PC only)

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Fan Noise

22 dB – 28 dB

Dimensions (W x D x H)

Including feet: 17.7" x 15.5" x 5.7"

Excluding feet: 17.7" x 15.5" x 5.4"

Weight: 16.1 lb

Support

The Epson ConnectionSM

Pre-sales support
U.S. and Canada

800-463-7766

Internet website

www.epson.com

Service Programs

Three-year projector limited warranty, Epson

Road Service program, Epson PrivateLine[®]

dedicated toll-free support and 90-day lamp

limited warranty

What's In The Box

PowerLite Pro Cinema 9700 UB, power cord,

and projector remote control, batteries and user

manual

Accessory Part Numbers

Genuine Epson Lamp V13H010L49

Air Filter Set V13H134A21

Ceiling Mount ELPHB800

Packaging Specifications

PowerLite Pro Cinema 9700 UB

Dimensions 23.7" x 18.1" x 11.3" (W x D x H)

Weight 22.8 lb

Genuine Epson Lamp

Dimensions 0.6" x 6.3" x 5.6" (W x D x H)

Weight 0.8 lb

Master Carton

Dimensions 13.1" x 28.4" x 6.8" (W x D x H)

Weight 0.4 lb

Air Filter

Dimensions 3.6" x 11.1" x 1.7" (W x D x H)

Weight 0.2 lb

Master Carton

Dimensions 11.8" x 19.2" x 4.8" (W x D x H)

Weight 3.0 lb

*Requires optional anamorphic lens.

1 Data source: ProjectorCentral.com Jan 2010. Average of 910 models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels.

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

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

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

5 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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