

Home Cinema 4000 3LCD Projector with 4K Enhancement and HDR

Projectors

Home Cinema



The elite 4Ke home theater projector that brings color to life.

4K Enhancement Technology¹ — accepts native 4K UHD content, and also up-scales 1080p input for resolution that exceeds Full HD



HDR — High Dynamic Range for full 10-bit color output; extraordinary range of brightness for images bursting with real-life color

100% Pure Color Brightness — 2,200 lumens equal color and white brightness² for vibrant, rich color in every mode

UltraBlack™ contrast — up to 140,000:1 contrast ratio for rich detail in both bright and dark scenes



Smart motorized lens — preset up to 10 positions for powered focus, zoom and lens shift; features 2.1x zoom and ultra wide lens shift

L*a*b* Ultra Wide Color Gamut — offers 100% coverage of the DCI-P3 color space, the digital cinema standard³

Delta Level color accuracy — with a low Delta E rate, you get extremely accurate color reproduction for true-to-life images

Tri-stimulus Motion Technology — precision-aligned 3-chip optical engine delivers jaw-dropping action scenes with no rainbow effect

Epson® Image Enhancement Technology — Super-resolution and Detail Enhancement sharpen and refine images for lifelike smoothness and clarity



Specifications

Projection System Epson 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Product Color White
Driving Method Poly-silicon TFT Active Matrix, 0.74"-wide panel
Projected Output HD, 2D, 3D, 1080p, 4Ke
Pixel Number 2,073,600 dots (1920 x 1080) x 3
Native Resolution Native 1080p (1920 x 1080) with 4K Enhancement¹
Resize 16:10, 4:3
Aspect Ratio Native 16:9 widescreen (4:3 resize)
 Compatible with 4:3 with Normal, Full or Zoom Modes
Color Brightness² Color Light Output: 2,200 lumens
White Brightness² White Light Output: 2,200 lumens
Contrast Ratio Up to 140,000:1
Color Reproduction Full-color (up to 1.07 billion colors)
Throw Ratio Range 1.35 – 2.84
Size (Projected Distance) 50" – 300" (Zoom: Wide and Zoom: Tele)
Keystone Correction Vertical: ± 30 degrees (manual)
Color Processing Full 10-bit (partial 12-bit)
Lamp Type 250 W UHE
Lamp Life⁴ Up to 5,000 hours (ECO Mode); up to 4,000 hours (Medium Mode); up to 3,500 hours (High Mode)

Projection Lens

Type Powered focus/optical zoom/lens position
F-number 2.0 – 3.0
Focal Length 22.5 – 46.7 mm
Zoom Ratio 1 – 2.1
Lens Shift
 Vertical: -96% – +96% (H center, powered)
 Horizontal: -47% – +47% (V center, powered)
Lens Cover Powered, Slide Lens Shutter

Other Features

Display Performance
 HDR, DCI color gamut, 4Ke, 1080p; HD, 2D, 3D, 2D-to-3D conversion, Picture in Picture (2D only), Frame Interpolation (1080p, 24 Hz) (2D and 3D)
Color Modes
 2D: Dynamic, Bright Cinema, Natural, Cinema, Digital Cinema, Black & White Cinema
 3D: Dynamic, Cinema
Epson Cinema Filter
 Automatically adjusts to color mode
 On: Cinema, Digital Cinema
 Off: Natural, Black & White Cinema, Bright Cinema, Dynamic, 3D Dynamic, 3D Cinema
Auto Iris in 2D and 3D
 Automatically adjusts to video source
 Off/On: High-speed or Normal, 2D and 3D mode
Super-resolution 2D and 3D

Interfaces

1x HDMI[®] (HDCP 2.2)
 1x HDMI (HDCP 1.4)
 2x USB Type A (1 x for optical HDMI cable 300 mA power supply only)
 1x Mini USB (service only)
 1x LAN (RJ-45)
 1x Computer/D-sub 15 pin
 1x RS-232c (D-sub 9-pin)
 Trigger out (3.5 mm mini-jack) 12 V DC, 200 mA maximum



Other Features (continued)

Input Signal
 480i, 576i, 480p, 576p, 720p, 1080i, 1080p, 4K x 2K, 4K/60 Hz/4:2:0 (supports 4:2:0)
 HDMI: TMDS
Computer Compatibility PC, Mac[®]
Operating Temperature 41 ° to 95 °F (5 ° to 35 °C)
Power Supply Voltage 100 – 240 VAC ± 10%, 50/60 Hz
Power Consumption
 373 W (High Mode)
 283 W (ECO Model)
Fan Noise 20 – 31 dB
Security Kensington security lock port
Parental Controls Power Button Lock hinders projector from being turned on without parental supervision

Dimensions (W x D x H)

Including feet: 20.5" x 17.7" x 6.7"
 Weight: 24.3 lb

Remote Control

Features Front and rear directional
Operating Distance 32 ft (10 m)
Operating Angle
 Front Right/Left: ± 30 degrees
 Upper/Lower: ± 30 degrees
 Rear Right/Left: ± 30 degrees
 Upper/Lower: + 10 ± 70 degrees

Eco Features

RoHS compliant
 Recyclable product⁵
 Epson America, Inc. is a SmartWay[®] Transport Partner⁶

Support

Epson ConnectionSM
 Pre-sales support U.S. and Canada 800-463-7766
 Internet website www.epson.com

Service Programs

2-year projector limited warranty, Extra CareSM Home Service program, PrivateLine[®] dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty

What's in the Box

Home Cinema 4000 projector, power cord, two HDMI cable clamps, remote control with AA batteries, Quick Setup Guide

Ordering Information

Home Cinema 4000	V11H715120
Genuine Epson Lamp	V13H010L89
Replacement Air Filter	V13H134A39
RF 3D Glasses	V12H548006
Projector Ceiling Mount	CHF4000
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
Repair/Exchange	
1-year Extended Service Plan	EPPEXPA1
Repair/Exchange	
2-year Extended Service Plan	EPPEXPA2

¹ 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. | ² 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. | ³ Entire DCI color space can be displayed in Digital Cinema Mode only. | ⁴ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | ⁵ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁶ 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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