

Home Cinema 3100 Full HD 1080p 3LCD Projector

Projectors

Home Cinema



The Full HD 1080p home theater projector for entertainment in any room.

Bright — ideal for a variety of lighting conditions, the projector has:

Color Brightness: 2,600 lumens¹

White Brightness: 2,600 lumens¹

Full HD 1080p, widescreen 3D performance — for movies, games and more, up to 300"

Deep black levels — up to 60,000:1 dynamic contrast ratio for rich detail in dark scenes

Project a 110" image from just 10.5' away — ± 60 percent vertical and ± 24 percent horizontal lens shift plus 1.6x zoom allow for flexible positioning and easy setup

Epson[®] Image Enhancement Technology — features Super-resolution with Detail Enhancement to sharpen and refine images for lifelike smoothness and clarity

Stream HD videos — compatible with your favorite streaming device, including MHL-enabled devices² — just connect your existing sound system

Up to 3x Higher Color Brightness³, and reliable performance with Epson — 3LCD, 3-chip technology for amazing action scenes with no rainbow effect

Frame Interpolation Technology — motion appears smoother, sharper and more realistic

Outstanding support — 2-year limited warranty and toll-free support



Specifications

Projection System Epson 3LCD, 3-chip technology
Projection Methods Front/Rear/Ceiling mount
Product Color White and Gray
Driving Method Epson Poly-silicon TFT Active Matrix, 0.61-inch wide panel
Projected Output HD, 2D, 3D, Full HD 1080p
Pixel Number 2,073,600 dots (1920 x 1080) x 3
Color Brightness¹ Color Light Output: 2,600 lumens
White Brightness¹ White Light Output: 2,600 lumens
Aspect Ratio Native 16:9 widescreen
Native Resolution 1080p (1920 x 1080)
Resize 16:10, 4:3
Lamp Type 250 W UHE
Lamp Life⁴
 Up to 5,000 hours (ECO mode)
 Up to 3,500 hours (High mode)
Throw Ratio Range 1.32 (Zoom: Wide) – 2.15 (Zoom: Tele)
Size (projected distance)
 30" – 300" (29' – 47.3')
Keystone Correction
 Vertical: ± 30 degrees
 Horizontal: ± 30 degrees
Contrast Ratio Up to 60,000:1
Color Reproduction Up to 1.07 billion colors
Color Processing Full 10 bit

Projection Lens

Type Manual optical zoom/Manual Zoom/Focus
F-number 1.51 – 1.99
Focal Length 18.2 – 29.2 mm
Zoom Ratio 1.0 – 1.6 Manual
Lens Shift
 Vertical: 60% max (up and down)
 Horizontal: 24% max (left and right)

Interfaces

HDMI1
 HDMI2/MHL² x 1
 Computer: D-sub 15 pin x 1
 USB connector Type A x 1 (for JPEG Slideshow, Wireless LAN, firmware update)
 Mini USB x 1 (service only)
 Audio out x 1

Other

Display Performance 1920 x 1080 native 1080p; HD, 2D, 3D
Color Modes Auto, Dynamic, Bright Cinema, Natural, Cinema, 3D Dynamic, 3D Cinema
Input Signal 480i / 576i / 480p / 576p / 720p / 1080i / 1080p
 HDMI³, HDTV, Analog RGB
Video Compatibility 2D: WXGA 60Hz, WXGA, SXGA, XGA, SVGA, VGA, 3D: 720p 50/60Hz, 1080i 50/60Hz, 1080p 50/60/24Hz
Computer Compatibility PC, Mac⁵
Media Format 16:9 Native
Operating Temperature 41 °F to 95 °F (5 °C to 35 °C)
Power Supply Voltage 100 – 240 VAC ± 10%, 50/60 Hz
Power Consumption
 356 W Lamp on (High)
 265 W Lamp on (ECO)
 0.30 W Standby
Fan Noise 24 – 35 dB
Security Kensington Security Lock Port
Country of Origin China/Philippines

Dimensions (W x D x H)

Including feet: 16.1" x 12.0" x 6.4"
 Weight: 14.6 lb

Remote Control

Features Front and rear directional
Operating Angle ± 30 degrees left/right; up/down
Operating Distance 32 ft (10 m)



Eco Features

RoHS compliant
 Recyclable product⁶
 Epson America, Inc. is a SmartWay[®] Transport Partner⁶

Support

The Epson ConnectionSM
 Pre-sales support
 U.S. and Canada 800-463-7766
 Internet website www.epson.com
Service Programs 2-year limited warranty, Epson 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 3100 projector, power cord, remote control with batteries, user manual

Ordering Information

Home Cinema 3100	V11H800020
Genuine Epson lamp	V13H010L85
Replacement air filter	V13H134A39
RF 3D glasses	V12H548006
Remote control	2175313
Wireless LAN Module (ELPAP10)	V12H418P12
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	EPPSNVHTRB1
Repair/Exchange	
2-year extended service plan	EPPSNVHTRB2

¹ 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. | ² Includes one Mobile High-Definition Link[®] (MHL) HDMI port. | ³ Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Leading Epson 3LCD projectors in the home entertainment segment (720p and 1080p) compared to leading 1-chip DLP projectors, based on NPD data for June 2013 through May 2014. | 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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