Acer Home Series Projectors
H9500BD

Product Highlights



Exceptional home entertainment

acer WORLDWIDE PARTNER

Acer projector family

Acer projectors offer exceptional color performance for all content, in any type of environment.

Commercial / Government

- **Professional Series**
  A new standard for large venues



- **Travel Series**
  Ultra-lightweight mobility with brilliance



Consumer / Crossover

- **Value Series**
  Shining versatility and value



- **Home Series**
  Brilliant imagery for entertainment





Value proposition

Exceptional home entertainment

Acer H9500BD projectors add depth to entertainment with instant 2D-to-3D conversion in high definition. Support for popular 3D technologies, such as Blu-ray™ 3D, DLP® 3D, and NVIDIA® 3DTV Play™ enable multiple 3D options and maximum multidimensional fun!



Key selling points

Convenient settings and advanced features improve usability and presentation flexibility



Acer **2D-to-3D** technology automatically converts any 2D signal into 3D, whether a picture or video.







This projector supports popular 3D technologies, such as Blu-ray™ 3D, DLP® 3D, and NVIDIA® 3DTV Play™.



AcuMotion improves picture clarity in fast-moving scenes and reduces motion blur.



Lens Shift provides flexible placement options and eliminates image distortion.



1080p is the perfect fit for widescreen movies created in HDTV and Blu-ray Disc™ formats. Experience exceptional cinematic quality with every single detail preserved with true-to-master precision.



A **50000:1** dynamic contrast ratio means darker darks and whiter whites while maintaining image crispness and detail.

Feature highlights

Movie-quality projection















Ease-of-use for the home

















































Living room performance















Energy savings

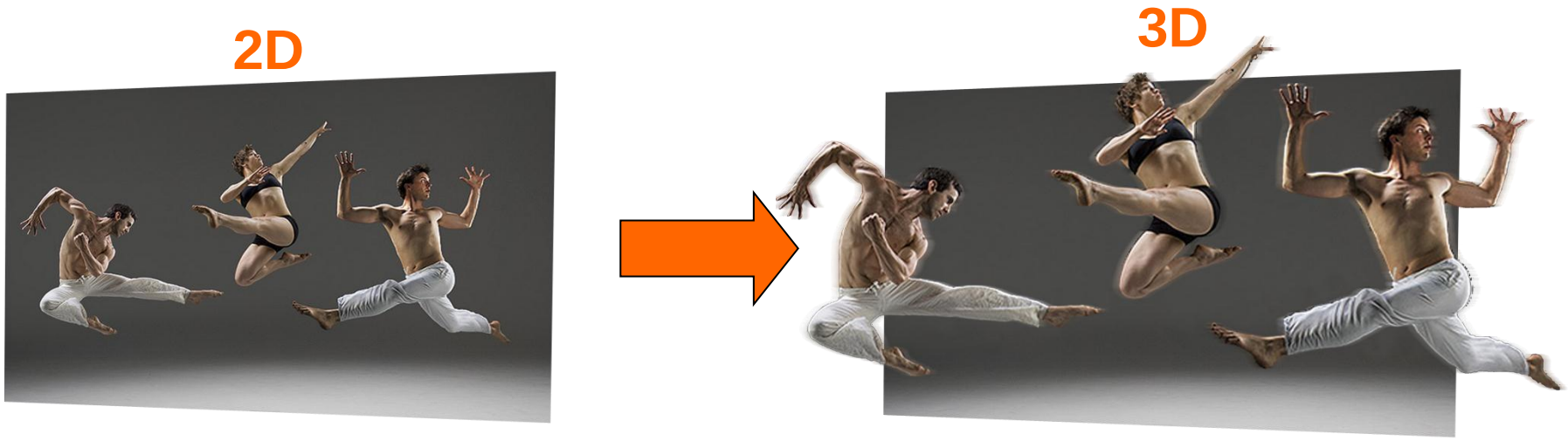




Movie-quality projection

2D-to-3D conversion

- Real-time 2D-to-3D conversion technology enables enjoyment of videos, pictures, and games with virtual 3D.
- No extra software required — just turn it on from the on-screen menu and connect a 3D source to any of the projector's input ports.



Movie-quality projection

Why AcuMotion?

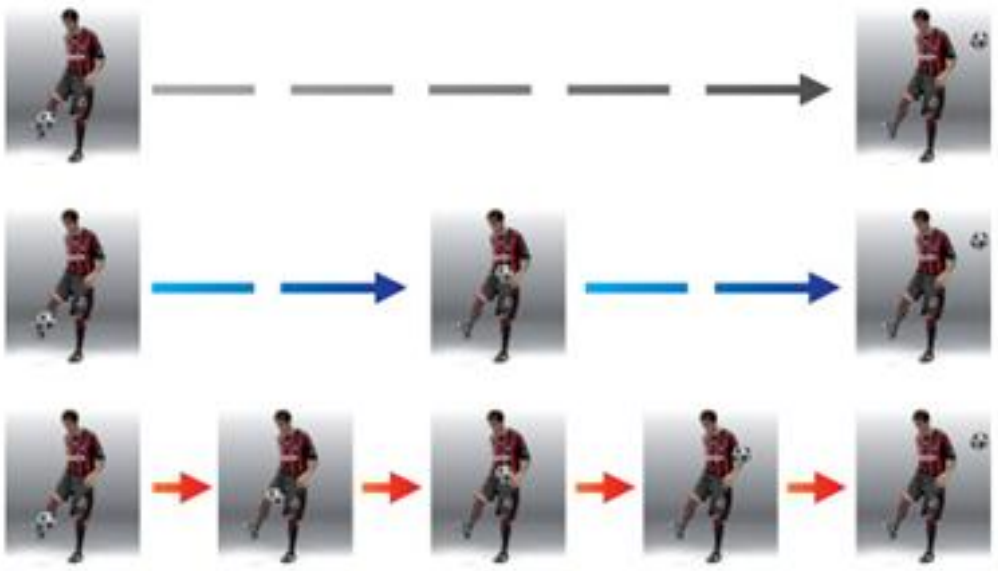
AcuMotion is an Acer technology that improves picture clarity in fast-moving scenes and reduces motion blur. Fast-moving video objects have motion blur and flicker. The fewer picture frames used on standard video and film simply can not show smooth, fast motion.



Movie-quality projection

How does AcuMotion work?

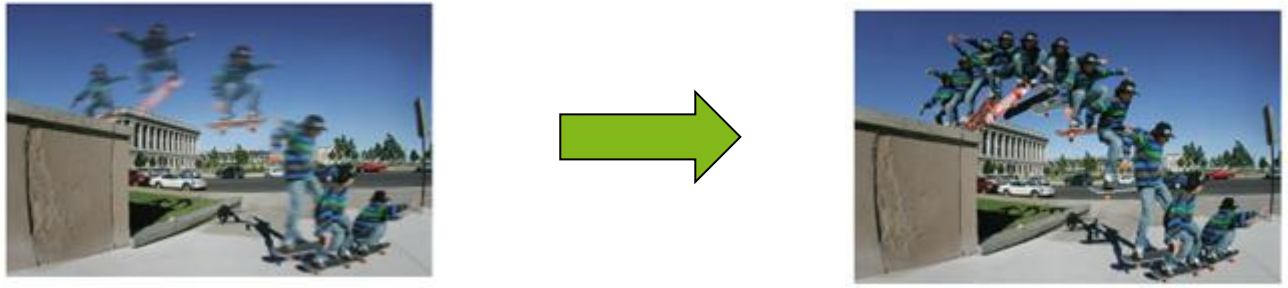
AcuMotion generates new frames and inserts them in between the original frames, creating smoother motion with less blur.



Original video

One generated frame

Multiple generated frames



Original video

After AcuMotion

Movie-quality projection

3D Blu-ray™ movies[1]

Connect a Blu-ray Disc™ player or 3D PC and experience cinematic splendor like never before.



3D Blu-ray™ movies…



HDMI® cable



[1] Both ports support HDMI® 1.4a 3D specifications. A compatible player and display are required to display 3D content.

Movie-quality projection

3D gaming[1]

Use any 3D-capable gaming console or a 3D PC to play immersive 3D games on Acer 3D projectors.



HDMI® cables

Many PS3 3D titles are available







PC with NVIDIA® 3DTV Play™ compatible graphics card

[1] Both ports support HDMI® 1.4a 3D specifications. A compatible player and display are required to display 3D content.

Movie-quality projection

Flicker-free 3D experience with the DLP® 3D kit

Use the Acer H9500BD, a PC or A/V device that supports 120 Hz output, and the DLP® 3D kit for seamless 3D data transmission on any of the video inputs ports!



PC supporting 120 Hz output and 3D SW player installed

OR





NTSC DVD player + HQFS DVD

+



DLP® Link™ 3D glasses

+



Acer H9500BD projector



Enjoy 3D classes and movies!

Movie-quality projection

Flicker-free 3D experience with the NVIDIA® 3DTV Play™ software kit

Use the Acer H9500BD with a PC that supports HDMI® 3D and the 3DTV Play™ software kit to transform hundreds of PC games into immersive stereoscopic 3D fun!



PC with:

- NVIDIA® 3DTV Play™ compatible graphics card
- 3DTV Play™ software installed
- HDMI® 3D



DLP® Link™ 3D glasses



Acer H9500BD projector



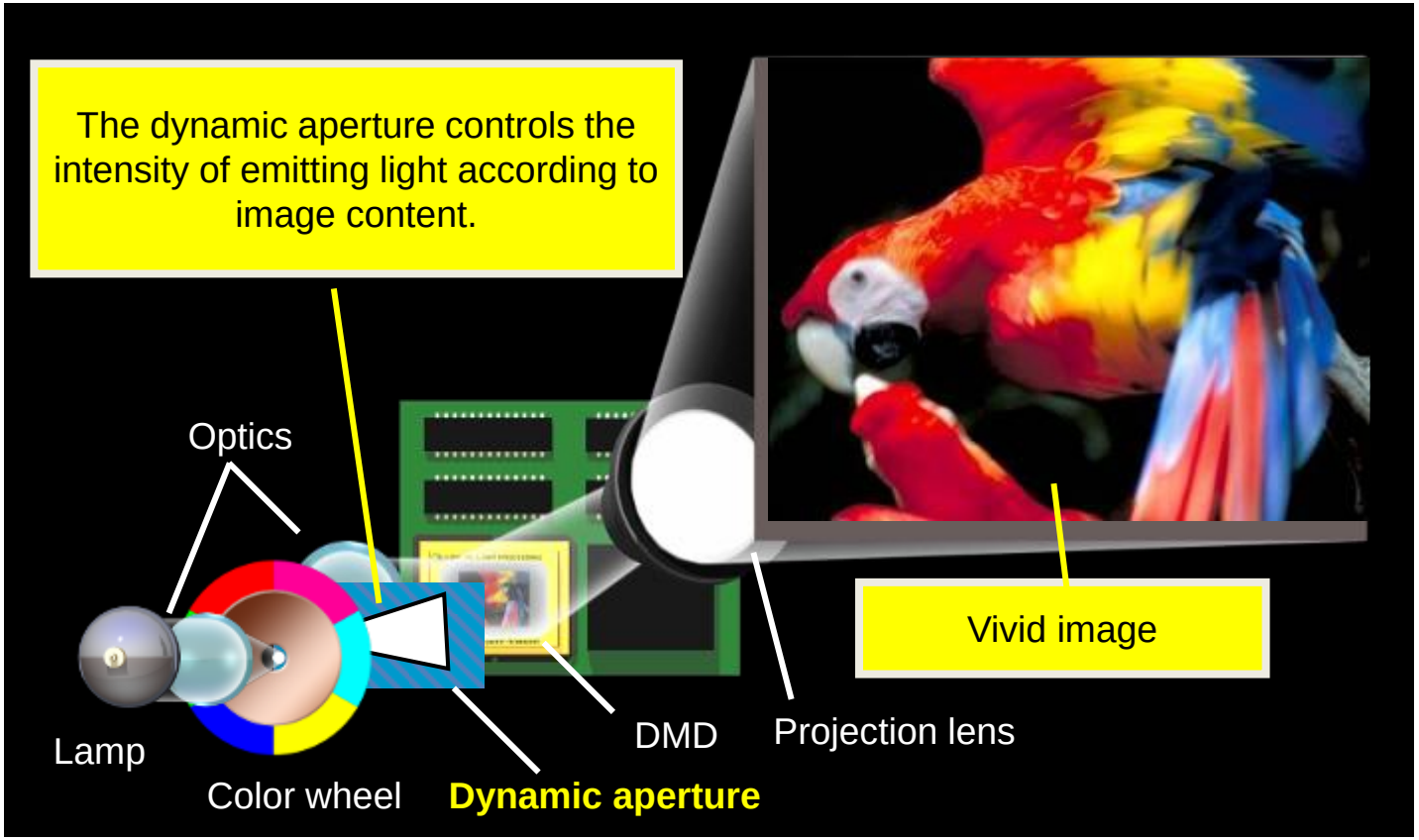
Enjoy 3D gaming!

Movie-quality projection

50000:1 contrast ratio

Contrast Ratio
50000:1

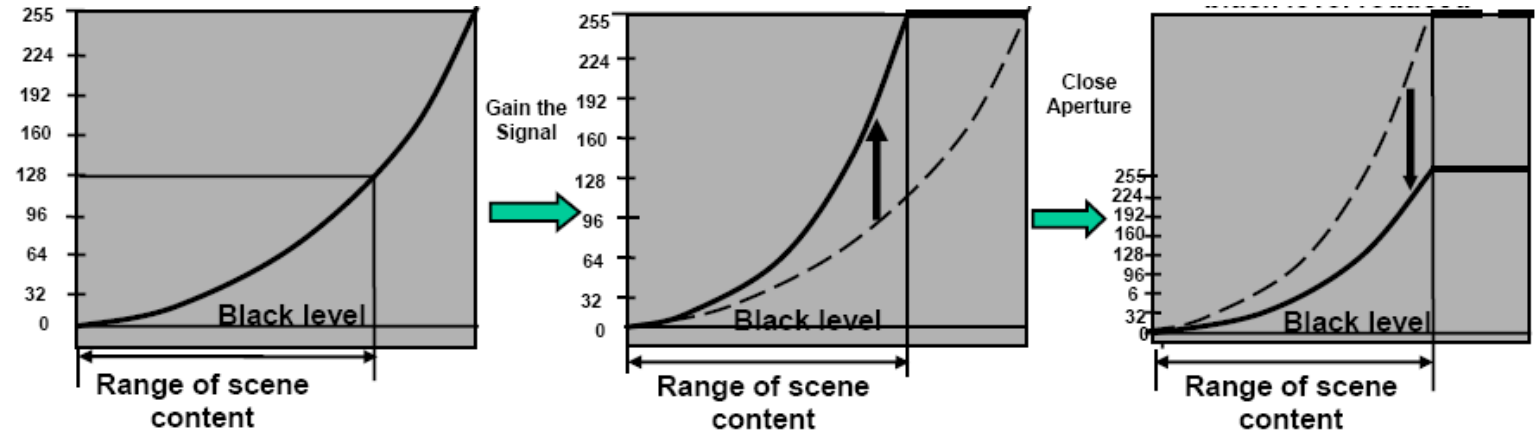
- DynamicBlack™ technology dramatically improves image contrast by using dynamic aperture adjustment to analyze content frame by frame.



Movie-quality projection

50000:1 contrast ratio

- Dark scenes are dynamically adjusted to optimal black levels while maintaining the original brightness of bright scenes, for the most vivid image quality.





Movie-quality projection

Full HD 1080p (1920 x 1080) resolution

- 1080p is the perfect fit for widescreen movies created in HDTV and Blu-ray Disc™ formats. Experience true cinematic experience with every single detail preserved with true-to-master precision.





Movie-quality projection

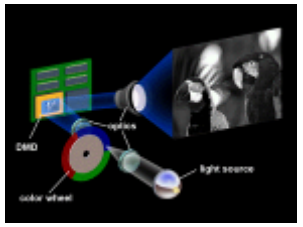
Acer ColorBoost II+ technology

Acer projectors present nature's true colors with Acer ColorBoost II+ technology, featuring:

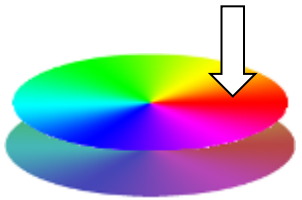
- Optimized 6-segment color-wheel design
- Powerful image processing
- Advanced lamp illumination technology



A lamp power pulse on a specific color improves brightness as the color wheel is spinning

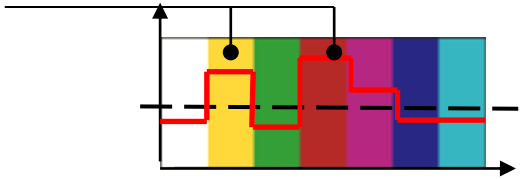


DLP® light engine



Spinning color wheel

Lamp power pulse on yellow and red



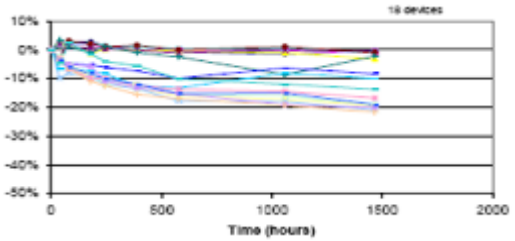
Lamp waveform

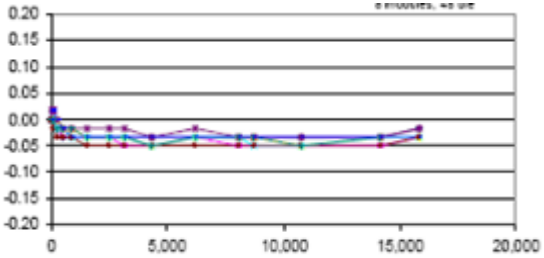
Movie-quality projection

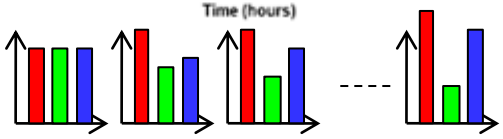
Acer ColorSafe II technology

Acer projectors featuring ColorSafe II technology use dynamic RGB gain control to secure color fidelity despite prolonged use









Acer dynamic RGB gain control



Greenish picture (Normal DLP® projectors)

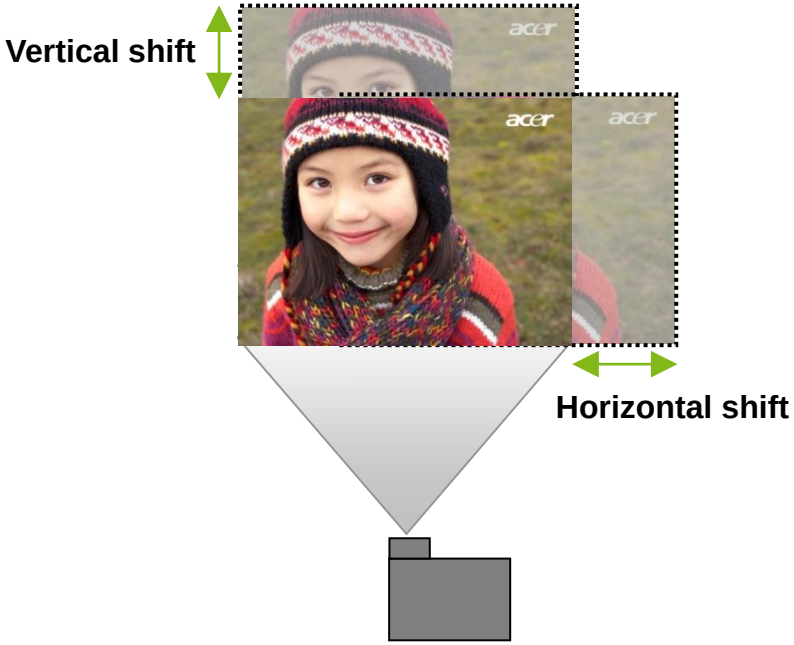


Corrected images with color fidelity

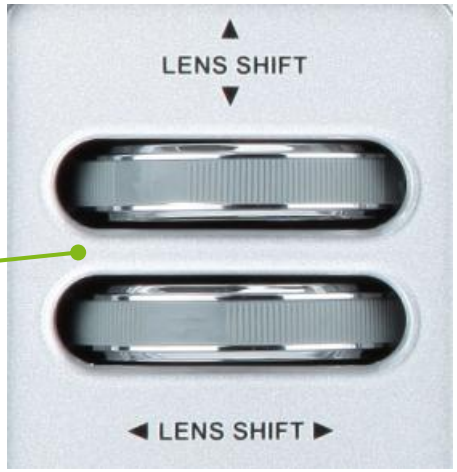
Ease-of-use for the home

Lens Shift

- Lens Shift is a projector feature that enables vertical and horizontal lens adjustment by using control wheels on the housing.
- By turning the control wheels, the projected image can be shifted horizontally or vertically in its original format and size without any distortion
- Quick image location adjustment can be done without going into the projector's digital menu







Control wheels

Ease-of-use for the home

Smart detection

- Detects input signals as soon as a source is connected, eliminating time spent signal scanning.



Multi-PC connectivity

- The projector is equipped with at least two connectors, including D-Sub and HDMI®, for multiple source input offering more flexible connectivity and instant switching.



Living-room performance

HDMI® (High-Definition Multimedia Interface)[1]



- Two HDMI® ports deliver exceptional high-definition viewing and gives the highest quality video and audio currently available via a single cable connection and supporting popular 3D formats.
- PC compatibility enables viewing of PC data on HDTV.

DVI digital connectivity



- A fully digital DVI-D port supports HD digital signal and HDCP for secure connection to a variety of media sources.

Dual D-Sub input



- The projector is equipped with two sets of D-Sub and audio connectors, allowing dual-PC source input for more flexible connectivity and instant switching.

[1] Both ports support HDMI® 1.4a 3D specifications. A compatible player and display are required to display 3D content.

Energy savings

Acer EcoProjection technology

- Reduces standby power consumption by more than 90 percent, from 5 W to 0.5 W.
- With the Auto-ECO feature, the projector automatically enters ECO mode if there is no signal input for 5 minutes, resulting in up to 20 percent further reduction of power consumption.





Longer lamp life — up to 2500 hours

- Saves lamp replacement costs and ensures long-term, dependable projector use.



Prolific design

The metallic matte finish of the surface accents the Acer logo.





The intuitive control pad is embedded on the top, reflecting an elegant look and Acer's premium craftsmanship.





Lens-shift control wheels enable vertical and horizontal adjustment of the lens.

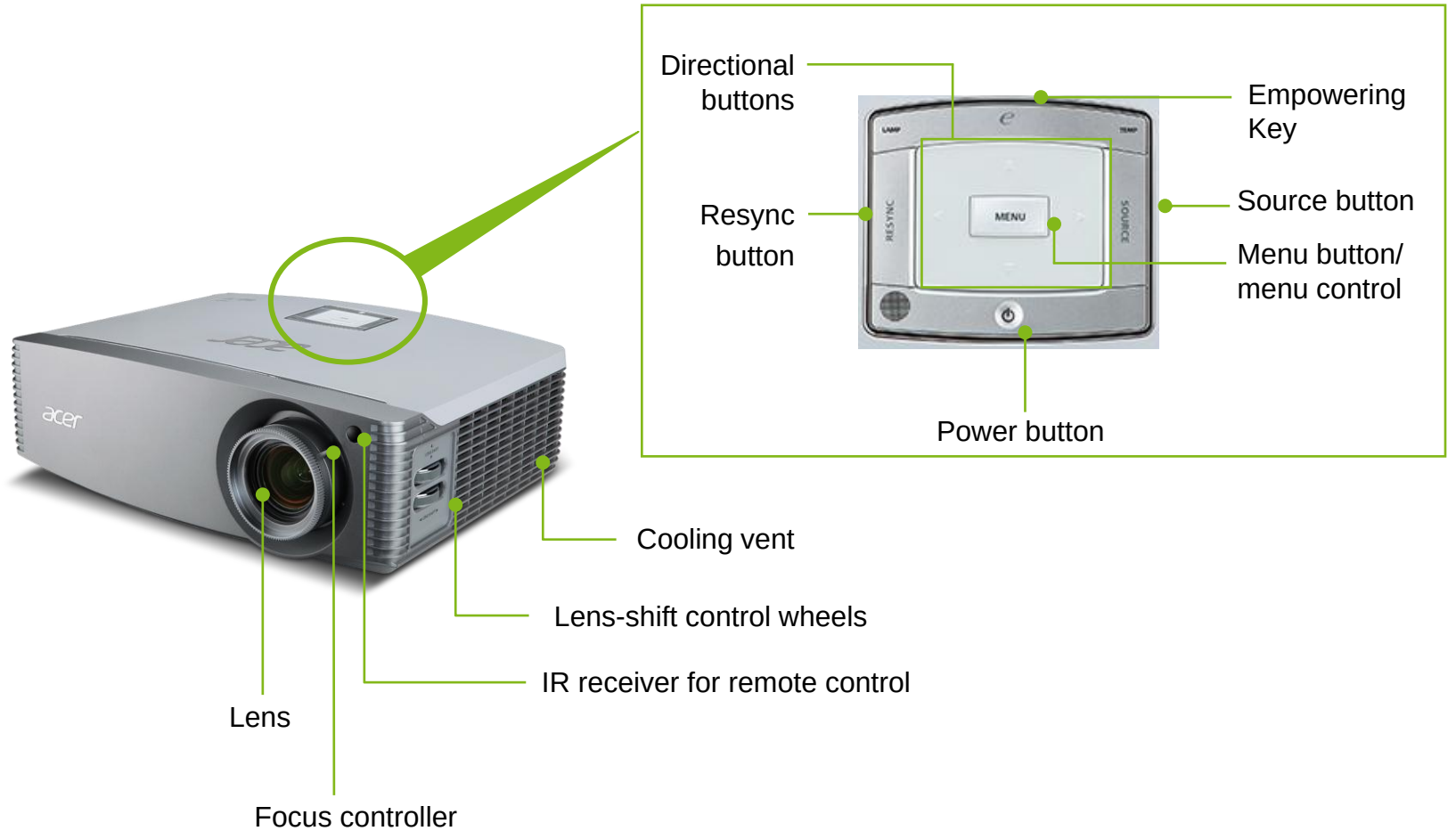


Sculpted lines on the ventilation grill add sophistication to the design.

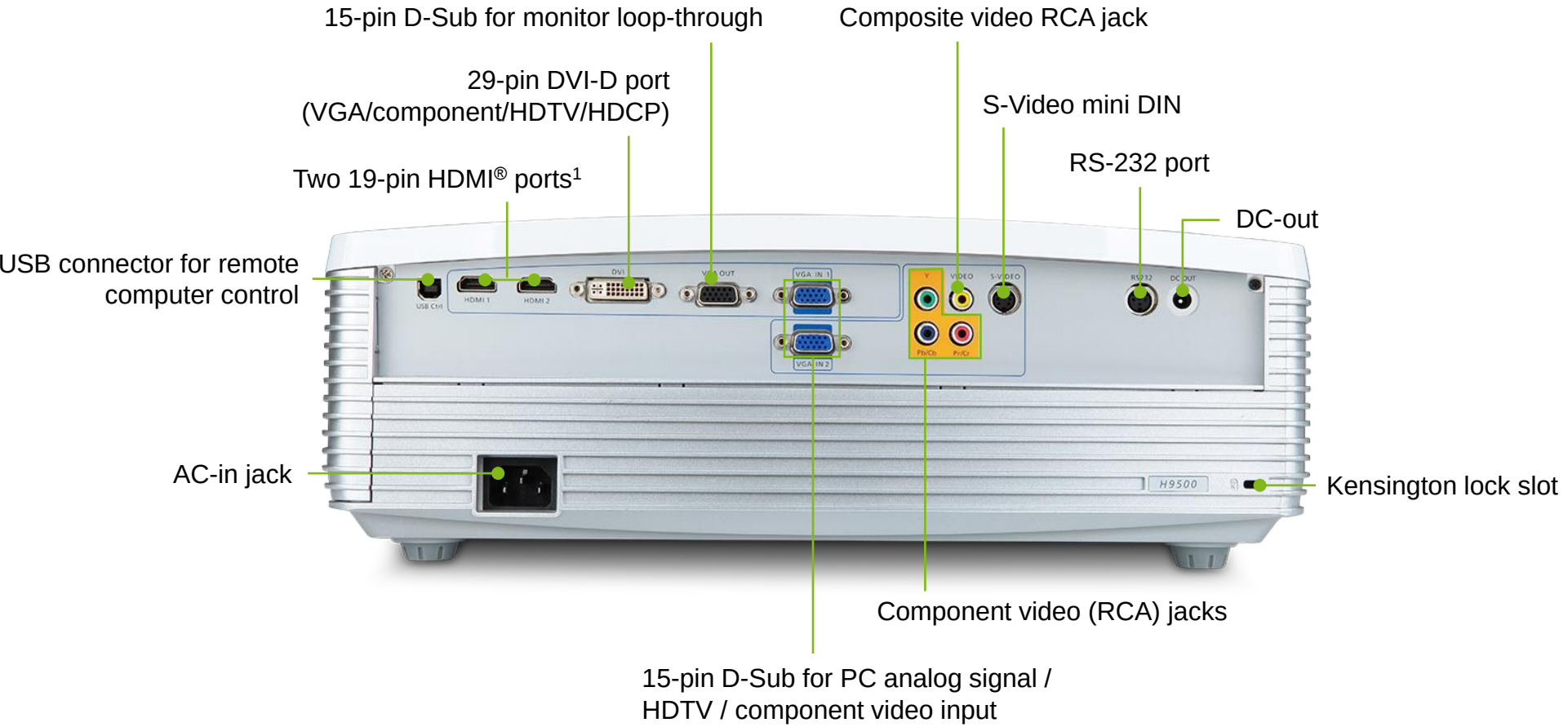


Smooth, rounded contours provide a comfortable touch.

Product views



Product views



[1] Both ports support HDMI® 1.4a 3D specifications. A compatible player and display are required to display 3D content.

Specifications



Model name	Acer H9500BD
Projection system	DLP®
Display panel	0.65" DarkChip™ 2 DMD
Resolution	Native 1080p (1920 x 1080) Maximum UXGA (1600 x 1200), 1080p (1920 x 1080)
Aspect ratio	16:9 (native), 4:3
Contrast ratio	50000:1
Brightness	2000 ANSI lumens (standard), 1600 ANSI lumens (ECO)
Lamp life	2000 hours (standard), 2500 hours (ECO)
Projection lens	F = 2.45 - 2.9, f = 22.18mm - 33.27mm 1:1.5 manual zoom and manual focus
Keystone correction	±15 degrees (vertical), manual
Noise level	30 dBA (standard mode), 27 dBA (ECO mode)
Input interface	Two analog RGB/component video (D-Sub) / composite video (RCA) S-Video (mini DIN) / component (three RCA) Two HDMI® (video, HDCP) / DVI (HDCP)
Output interface	Analog RGB (D-Sub)
Control interface	Mini USB (type B) x 1 / RS-232 (mini DIN) x 1 / 12 V DC (screen control) x 1
Dimensions	398 x 310 x 130 mm (15.7" x 12.2" x 5.1")
Weight	15.9 lbs. (7.2 kg)

Acer H9500BD



Thank you!

Exceptional home entertainment