



Acer Home Series Projectors H6510BD

Product Highlights

*Exceptional home
entertainment*



Acer projector family

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

Professional Series

Value Series

Home Series

Hybrid (Laser + LED)

Portable Multimedia (LED)



Value proposition

For home and professional use

The 1080p Acer H6510BD adds depth to entertainment with instant 2D-to-3D conversion in high definition. 3000Lm brightness and ExtremeEco technology enables power savings of up to 70% and extends lamp life to up to 7000 hours. This makes the H6510BD not only ideal for home entertainment, but also for professional presentation.



Key selling points

Convenient settings and advanced features improve usability and presentation flexibility



Acer **2D-to-3D** technology automatically converts into 3D any 2D picture or video signal that passes through the HDMI® port.



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



1080p is the perfect fit for widescreen movies created in HDTV and Blu-ray Disc™ formats – and **HDMI®** connectivity provides sharp, high-quality imagery.



DynamicBlack™ technology increases image contrast up to 10,000:1.



Acer ExtremeEco technology enables up to 70% power savings when there is no input signal, extending the lifespan of the lamp up to 7000 hours and reducing costs



*Only available via HDMI® port

Feature highlights

Movie-quality projection



Ease-of-use for the home



Living room performance



Installation flexibility



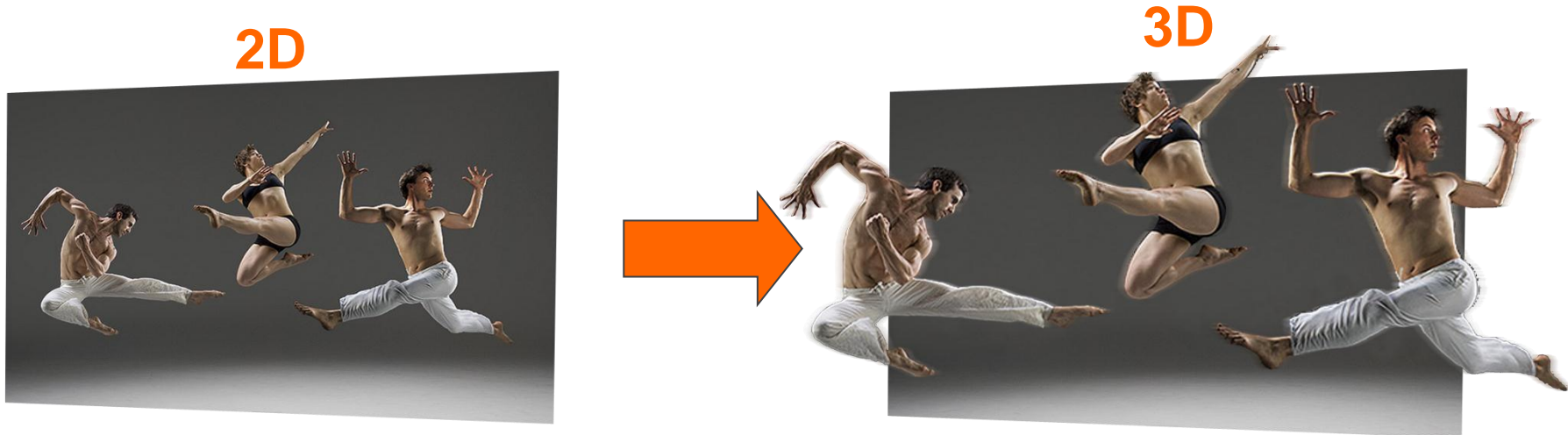
Energy savings



Movie-quality projection

2D-to-3D conversion*

- Real-time 2D-to-3D conversion technology lets you enjoy videos, pictures, and games in virtual 3D*.
- No extra software required — just go to the on-screen menu to turn the function on, and connect a 3D source to projector's input ports*.



*Only available via HDMI® port

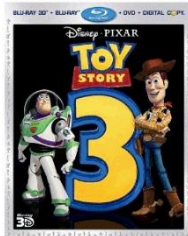
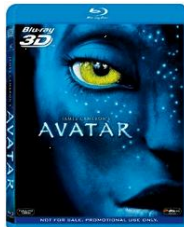
Movie-quality projection

3D Blu-ray™ movies¹

Connect a Blu-ray Disc™ player or 3D PC via HDMI® and enjoy a 3D cinematic experience 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 gaming¹

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



Many PS3 3D titles are available



HDMI[®] cables



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 H6510BD, 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!



OR



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 H6510BD with a PC that supports HDMI® 3D and the 3DTV Play™ software kit to transform hundreds of PC games into immersive stereoscopic 3D fun*!



Enjoy 3D gaming!

PC with:

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

DLP® Link™ 3D glasses

Acer H6510BD projector

*Only available via HDMI® port

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

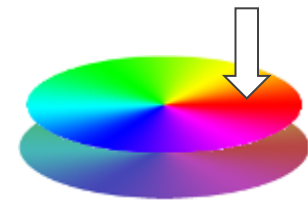
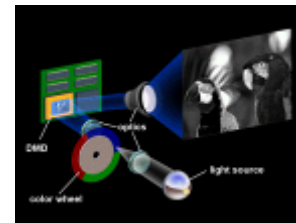
Acer ColorBoost II⁺ technology

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



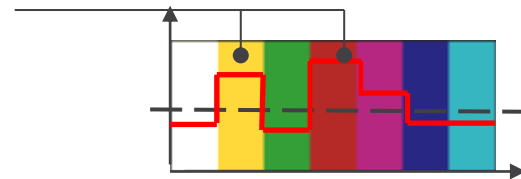
A lamp power pulse on a specific color improves brightness as the color wheel is spinning



DLP® light engine

Spinning color wheel

Lamp power pulse on yellow and red

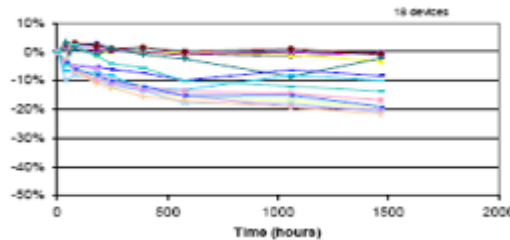


Lamp waveform

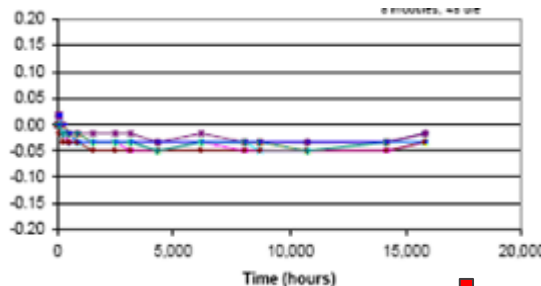
Movie-quality projection

Acer ColorSafe II technology

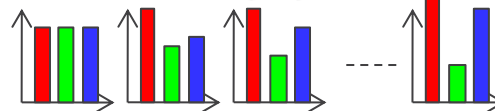
Acer projectors featuring ColorSafe II technology use dynamic RGB gain control to secure color fidelity despite prolonged use



Greenish picture (Normal DLP® projectors)



Corrected images with color fidelity



Acer dynamic RGB gain control

Movie-quality projection

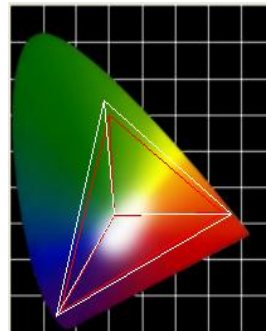
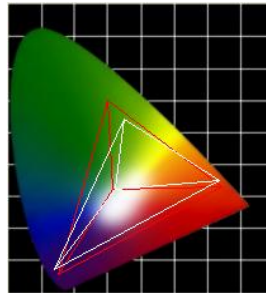
Acer SpectraBoost technology

Wider color gamut achieved via patented color-wheel coating technology boosts color saturation an extra 30%.



Original

Standard projector



Acer projector with SpectraBoost



Ease-of-use for the home

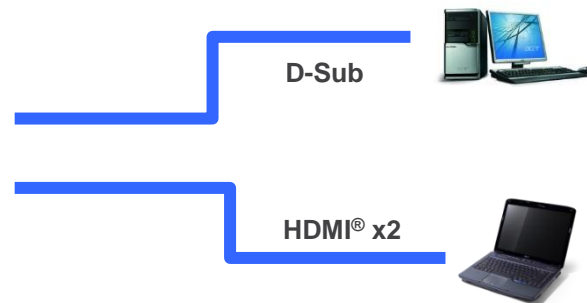
HDMI® (High-Definition Multimedia Interface)¹

- 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.



Multi-PC connectivity

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



Eco-friendly functionality

ExtremeEco

Enables up to 70% power savings during periods without an input signal, extending the lifespan of the lamp and saving costs.



Acer ePower Management

Features options for customizing power-saving configurations.



Longer lamp life — up to 7000 hours with ExtremeEco mode

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

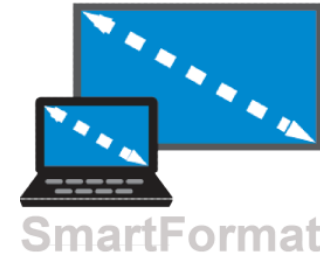
(75 min ExtremeEco + 45 min over 70% brightness)



Empowering usability

Acer SmartFormat technology

- Complete multi-format support for instant projection
- Complete widescreen format support
- Instant sync with wide-format displays without resolution adjustments from the notebook.



Instant resume / Instant pack

- **Instant resume:** Allows the next user to power up the projector right after it has been turned off.
- **Instant pack:** Allows the user to pack the projector right after it has been turned off.



Installation flexibility

Acer top-loading lamp

To remove the lamp:

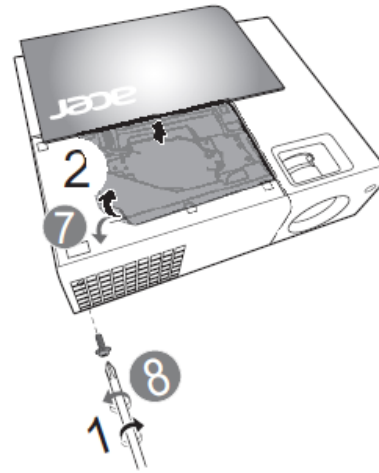
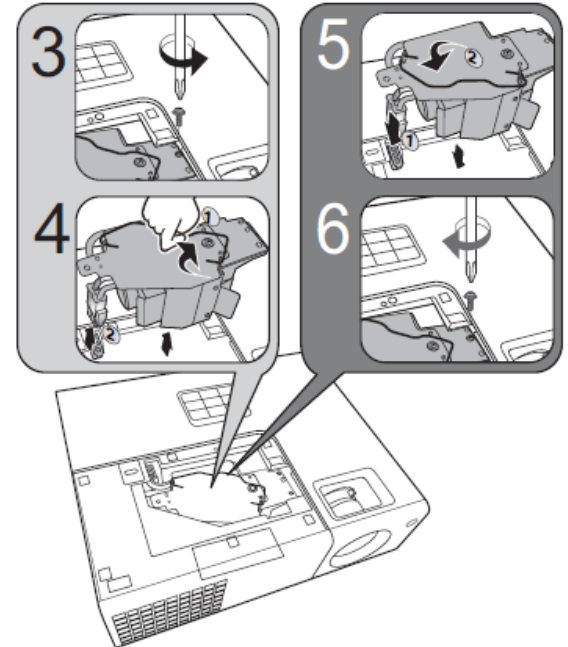
Step 1: Use a screwdriver to remove the screw from the cover.

Step 2: Remove and dispose of the lamp protection film.

Step 3: Remove the screw that secures the lamp module.

Step 4: Disconnect the lamp connector from the projector.

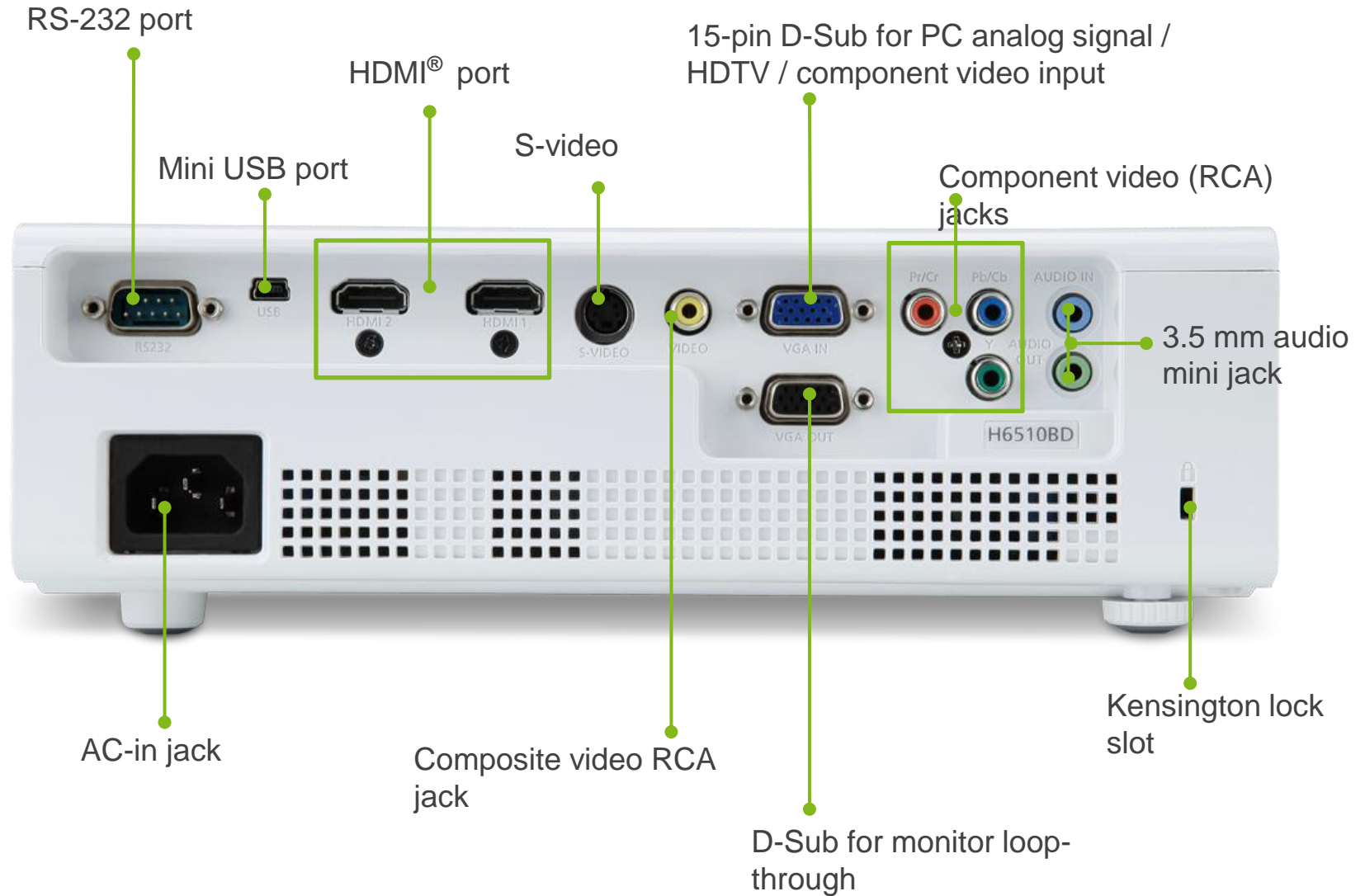
To replace the lamp module, use a new lamp and follow steps 5 to 8 in the diagram on the right.



Product views



Product views



Specifications



Model name	Acer H6510BD
Projection system	DLP®
Display panel	0.65" DarkChip™ 2 DMD
Resolution	Native 1080p (1920 x 1080) Maximum WUXGA-RB (1920x1200), 1080p (1920 x 1080)
Aspect ratio	16:9 (native), 4:3
Contrast ratio	10,000:1
Brightness	3000 ANSI lumens (standard), 2400 ANSI lumens (ECO)
Lamp life	4000 hours (standard), 5000 hours (ECO), 7000 hours (Dynamic ECO)
Projection lens	F = 2.59~2.87, f = 16.88mm – 21.88mm 1:1.3 manual zoom and manual focus
Keystone correction	+/-40 degrees (vertical), manual
Noise level	32 dBA (standard mode), 26 dBA (ECO mode)
Input interface	Analog RGB/component video (D-Sub) Composite video (RCA) S-Video (mini DIN) / Component (three RCA) HDMI® (video, audio, HDCP) x 2 PC audio (stereo mini jack)
Output interface	Analog RGB (D-Sub)/ PC audio (stereo mini jack)
Control interface	Mini USB (type B) x 1 / RS-232 (mini DIN) x 1
Dimensions	264 x 220 x 78 mm (10.4" x 8.7" x 1.3")
Weight	2.2 kg (4.8 lbs.)

acer
explore beyond limits™

Acer H6510BD



Thank you

*Home
entertainment*