

# Projector

H7550ST

## Exceptional home entertainment

- Short-throw projection provides clear and large images even in confined spaces.
- Crystal-clear imagery with 1080p resolution and 3000 ANSI brightness.
- Wireless capabilities with WirelessHD and Bluetooth audio connection.
- Amazingly lifelike 3D entertainment, thanks to:  
Blu-ray™ 3D, HDMI® 3D, NVIDIA® 3DTV Player, DLP® 3D ready, 2D-to-3D conversion
- Built-in 20W speaker with DTS surround sound and Acer TrueHarmony.



RESOLUTION



BRIGHTNESS



DYNAMIC BLACK



KEYSTONE CORRECTION



SPEAKERS



Acer TrueHarmony



ColorBoost 3D



ColorSafe II



DLP 3D READY



2D convert to 3D



NVIDIA 3DTV PLAY READY



DTS Sound



MHL



UP TO 70% ExtremeEco

## Specifications

Model name	Acer H7550ST
Projection system	DLP®
Resolution	Native 1080p (1920 x 1080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect ratio	16:9 (native), 4:3
Contrast ratio	16,000:1
Brightness	3000 ANSI lumens (standard), 2400 ANSI lumens (ECO)
Lamp life	4000 hours (standard), 6000 hours (ECO), 8000 hours (ExtremeEco)
Projection lens	F = 2.59~2.87, f = 16.88mm ~ 21.88mm 1:1.1 Manual Zoom and Manual Focus
Keystone correction	+/-40 degrees (vertical), Manual & Auto
Noise level	33 dBA (standard mode), 30 dBA (ECO mode)
Input interface	Analog RGB/component video (D-Sub) x 1 Composite video (RCA) x 1 S-Video (mini DIN) / Component (three RCA) x 1 HDMI® (video, audio, HDCP) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 HDMI/MHL (Video, Audio, HDCP, Internal) x 1 PC audio (stereo mini jack) x 1
Output interface	Analog RGB (D-Sub) x 1 PC audio (stereo mini jack) x 1 DC Out (5V/1A, USB Type A) x 1 DC Out (5V/1A, USB Micro-B, Internal Plug) x 1
Control interface	Mini USB (type B) x 1 / RS-232 (mini DIN) x 1
Dimensions	357 x 241 x 98 mm (14" x 9.5" x 3.9")
Weight	7.5 lbs (3.4Kg)

## Feature Highlights

### Seamless visuals

- Full HD 1080p resolution
- 3000 ANSI lumens brightness
- Acer ColorBoost 3D
- Acer ColorSafe II
- DLP® 3D ready
- 2D-to-3D conversion
- Blu-ray™ 3D with 144Hz
- NVIDIA® 3D TV player ready
- DynamicBlack™ 16,000:1 contrast ratio

### Enhanced Usability

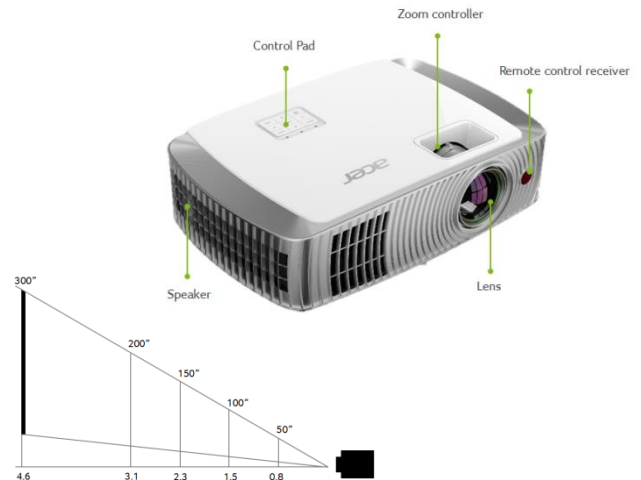
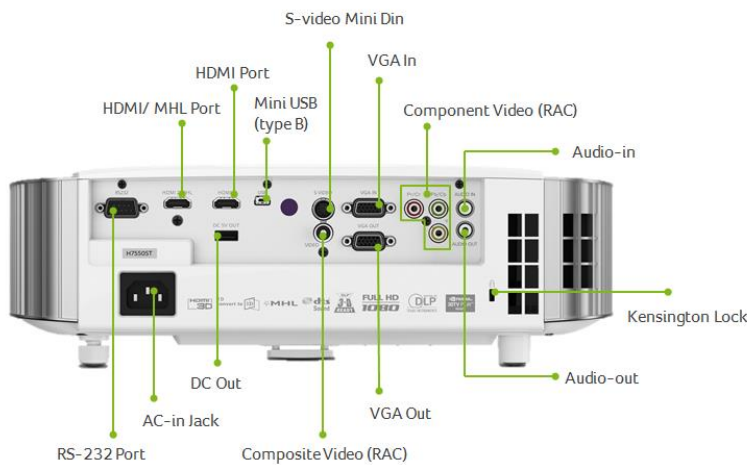
- Wireless projection
- WirelessHD transmission
- Bluetooth audio connection
- 20W Built-in speaker
- DTS Sound
- Acer TrueHarmony

### Installation flexibility

- Short throw projection
- Keystone correction
- Hidden wireless dongle design
- Triple HDMI® digital connectivity
- MHL connectivity
- Multi-PC Connectivity
- Instant resume / Instant pack

### Eco-friendly functionality

- Acer EcoProjection technology
- ExtremeEco
- Up to 8000 hours of lamp life in ExtremeEco mode



ColorBoost 3D

### ColorBoost 3D

Acer's ColorBoost 3D is a combination of technical advancements that improve optical color performance for all kinds of content, based on color wheel design, specialized techniques to control the projector lamp, and a Texas Instruments DLP™ chip. Now, Acer presents ColorBoost3D that provides true-to-life images even while displaying 3D or 2D-3D contents.



### 2D to 3D Conversion

The advanced 2D to 3D Conversion function makes real 3D enjoyment come true. In the past years, users always suffer limited supply of 3D contents. With 2D to 3D Conversion, any 2D signal through HDMI and MHL, no matter a still picture or a video content, will be automatically converted into 3D format by Acer proprietary intelligent algorithm.



### Acer ColorSafe II

Acer projectors featuring ColorSafe II are virtually immune to color decay, such as the yellow or green tint on images displayed by some projectors that have been used for extended periods of time. Acer projectors take advantage of DLP® technology to guarantee picture integrity even after prolonged use.



### Acer EcoProjection

Acer EcoProjection is a complete environment-friendly power management solution that reduces standby power consumption by up to 50%, from 1 W to 0.5 W. With Auto ECO feature, projector will automatically enter ECO mode for saving power if there is no any signal input for 5 minutes. The power consumption can be reduced up to 20%. Also featured in the Acer EcoProjection suite is Acer ePower Management for customized power-saving configurations.

### About Acer

Since its founding in 1976, Acer has broken barriers between people and technology, enabling users to explore, create and grow. Acer ranks No. 2 for notebook PCs globally (Gartner data 2011). The Acer Group employs 8,000 people across the globe, and revenues for 2011 reached US\$15.7 billion.

Acer's channel business model is instrumental to the company's success, while its multi-brand approach integrates Acer, Gateway, and Packard Bell brands in worldwide markets. Acer designs environmentally friendly products and, with its vendors, has established a green supply chain.

Acer is proud to be a Worldwide Partner of the Olympic Movement. That includes supporting the Vancouver 2010 Olympic Winter Games and London 2012 Olympic Games. More information is at [www.acer-group.com](http://www.acer-group.com).

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