



# EPSON EH-TW5500

HOME THEATRE PROJECTOR



## Stunning image quality and contrast for the finest home cinemas.

Experience home theatre in a way you never thought possible with the Epson EH-TW5500. With a contrast ratio of up to 200,000:1, unprecedented in its class,<sup>3</sup> you get deep blacks and extraordinary detail, putting you right in the middle of the action. Whether you're watching movies, or sports, or playing videogames, this 1080p projector ensures amazing image quality with Epson D7 chip, an HQV processor and innovative Super-resolution video technology. Enjoy brilliant quality and blockbuster performance. With a powerful cinema filter, frame interpolation and state-of-the-art Fujinon<sup>®</sup> lens, a brand trusted by renowned Hollywood producers, this product delivers dynamic video in virtually any setting.

### High-definition, 1080p home theatre experience —

D7 chip with C<sup>2</sup>Fine<sup>®</sup> technology delivers 1920 x 1080 resolution

### Brilliant images anytime —

1600 lumens colour light output, 1600 lumens white light output<sup>2</sup>



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## HOME THEATRE PROJECTOR

The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, Epson high-definition projectors take home theatre entertainment to a whole new level, featuring colour and detail that's sure to win rave reviews from friends and family alike. With the vivid realism of Epson 3LCD technology, these projectors will make your home the hottest ticket in town.



### 3LCD technology – for quality and colour that's beyond amazing

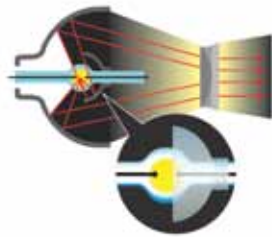
Innovative technology with proven reliability

- 3 chips for full-time, vibrant colour
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors<sup>3</sup>
- Road-tested reliability from a company with over 20 years of experience



### Energy-efficient E-TORL® lamp, exclusively from Epson

- Delivers more lumens per watt and lasts up to 4000 hours<sup>4</sup>
- Minimises both light diffraction and light leakage
- E-TORL lamps maximise your viewing time, while minimising your costs



▲ E-TORL lamp

### OptiCinema™ lens for outstanding picture quality and easy setup

The OptiCinema lens system is a precision, high-quality, optical grade system. Co-developed with Fujinon, a top supplier of precision camera optics to the world's leading HD camera makers, this system offers excellent picture uniformity and clarity across the screen. This lens system also provides precision focus with a 2.1x zoom ratio. And, it delivers maximum installation flexibility with 96% vertical and 47% horizontal lens shift (without image distortion).

### Amazing light output

- 1600 lumens colour light output and 1600 lumens white light output<sup>2</sup>
- High colour light output for bright, balanced, colourful images
- Light output and performance to meet your expectations
- White light output that's measured using ISO 21118 (a more rigid standard than the outdated ANSI lumens rating used by competitive products)



High colour light output



Low colour light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.



▲ Built for flexible installation



### Eco features

- Energy-efficient 3LCD light engine
- Energy-efficient E-TORL lamp
- Designed to be recycled<sup>5</sup>

### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [eco.epson.com](http://eco.epson.com)



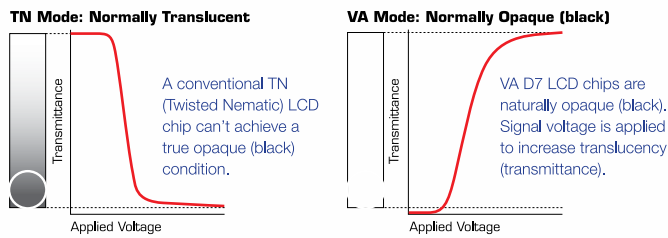
# Amazing image quality

## High performance home entertainment

- 2.1 x zoom ration – offers great positioning flexibility
- Two HDMI 1.3 ports – for flexible connectivity options
- 8x projection – projects images up to 8x larger than they would appear on a 40" widescreen TV.

## Incredibly deep blacks with crystal-clear detail

**Achieve astounding blacks** – with an incredible contrast ratio of up to 200,000:1, Ultrablack™ technology and Epson's exclusive Vertical Alignment (VA) LCD technology.



"black levels" simulated

## Dual-layer auto iris

A new dual-layer auto iris system enables incredibly deep blacks to be produced by more efficiently controlling the light reduction rate that passes through the auto iris shutter gates.

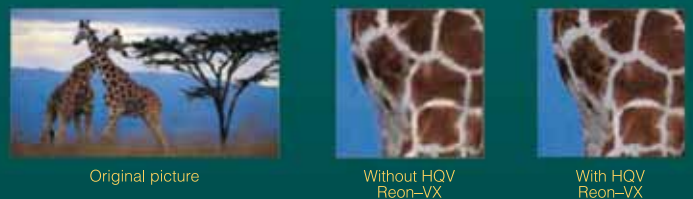


## Epson EH – TW5500 Features

- **Advanced video quality**  
– HQV processor, Super-resolution chip
- **Rich vibrant colour and reliable performance**  
– 3LCD, 3-chip technology
- **High-definition, 1080p home theatre experience**  
– D7 chip with C<sup>2</sup>Fine technology delivers 1920 x 1080 resolution
- **Sharp, dramatically rich images**  
– revolutionary Super-resolution technology enhances DVD, SD and HD content
- **Deep, dark blacks; crystal-clear detail**  
– contrast ratio up to 200,000:1 and UltraBlack technology with new dual-layer auto iris
- **Stunning picture uniformity and clarity**  
– state-of-the-art lens by Fujinon
- **Amazing, true-to-life colour**  
– Epson exclusive cinema filter with an expanded colour gamut and new colour reproduction feature
- **Brilliant images, anytime, day or night**  
– 1600 lumens colour light output, 1600 lumens white light output<sup>2</sup>
- **Cutting-edge connectivity**  
– two HDMI 1.3 ports for maximum flexibility
- **Smooth graduations**  
– 12-bit chip driver
- **Unobtrusive operations**  
– low fan noise so you can focus on pure entertainment
- **Ideal for fast-action movies, TV shows**  
– advanced, high-speed auto iris function adjusts light output up to 60 times per second to match every entertainment option

## Amazing video quality with a built-in Silicon Optix HQV Reon-VX processor

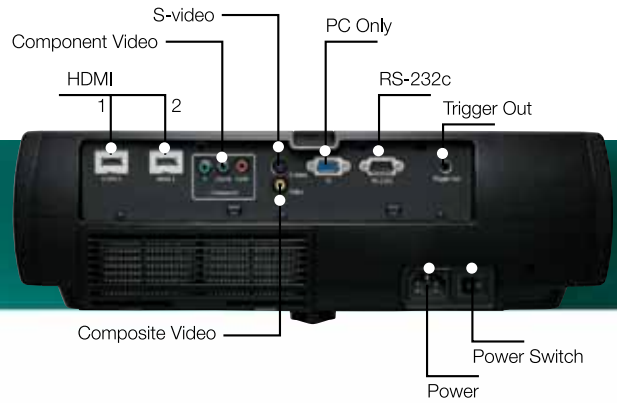
Reduces block noise and artifacts to restore a more natural picture



Images simulated to show block noise reduction

# EPSON EH-TW5500

## HOME THEATRE PROJECTOR



### Product Name

### Product Code

EH-TW5500  
Genuine Epson Lamp  
Air Filter Set

V11H338453  
V13H010L49  
V13H134A21

### Specifications

#### Projection System

3LCD, 3-chip optical engine  
Poly-silicon TFT active matrix

#### Projection Methods

Front/rear/ceiling mount

#### White Light Output<sup>2</sup>

1600 lumens (ISO 21118 standard)

#### Colour Light Output<sup>2</sup>

1600 lumens

#### Aspect Ratio

Native 16:9 widescreen (4:3 resize)  
Compatible with 4:3 and 16:9 video  
formats with Normal, Full or Zoom Modes

#### Native Resolution

Native 1080p (1920 x 1080)

#### Lamp Type

200 W UHE (Ultra High Efficiency) E-TORL

#### Lamp Life<sup>4</sup>

Up to 4000 hours

#### Size (projected distance)

100" diagonal (wide: 9.8' - tele: 20.9')

#### Contrast Ratio

Up to 200,000:1

#### Colour Processing

Full 12 bit

### Other

#### 7 Colour Modes

Dynamic, Living Room, THX, Theatre,  
Theatre Black 1, Theatre Black 2, x.v.  
Colour

#### Input Signal

NTSC/NTSC4.43/PAL/M-PAL/N-  
PAL/PAL60/SECAM/480i/576i/480p/576p/7  
20p/1080i/1080p

#### Terminal Inputs

2 HDMI 1.3a  
1 RCA (Composite)  
1 x 3 RCA (Component)  
1 Mini DIN (S-video)  
1 D-Sub 15 pin (Analog RGB)  
1 D-Sub 9 pin (RS-232c)

#### Video Compatibility

HDMI  
HDTV  
Component video  
S-video  
Composite video  
NTSC/PAL/SECAM  
Analog RGB (PC only)

#### Operating Temperature

41° to 95°F (5° to 35°C)

#### Fan Noise

22dB - 28dB

### Warranty

Includes three years limited warranty and  
three years limited lamp warranty

### What's In The Box

Projector, power cord, remote control, two  
batteries, user manual on CD

### Accessory Part Numbers

Genuine Epson Lamp V13H010L49  
Air Filter Set V13H134A21

### Projection Lens

#### Type

Manual zoom/Manual focus

#### F-number

2.0 - 3.17

#### Focal Length

22.5 mm - 47.2 mm  
Widescreen image size (projected  
distance) 100" diagonal (wide:9.8' -  
tele: 20.9')

#### Zoom Ratio

Manual 2.1x

#### Lens Shift

Vertical: 96.3% max (up and down)  
Horizontal: 47.1% max (left and right)

### Dimensions (W x D x H)

Including feet: 450 x 360 x 145mm  
Excluding feet: 450 x 360 x 136mm  
Weight: 7.5kg

<sup>2</sup> Light output varies depending on modes (colour and white light output). White light output measured using ISO 21118 standard.

<sup>3</sup> Data source: ProjectorCentral.com, Jan,2009, Average of 796 shipping models, for which manufacturers provided lumens and total power data, all resolutions and brightness levels.

<sup>4</sup> Lamp life will vary depending up in selected, environmental conditions and usage. Lamp brightness decreases over time.

<sup>5</sup> See our website for convenient and reasonable recycling options at [www.epson.com.au/company/environment/index.asp](http://www.epson.com.au/company/environment/index.asp)