



REDEFINING WHAT FULL HD 3D HOME THEATRE CAN BE.

Why be limited by the size of flat screen TVs when it comes to home entertainment? The highly affordable EH-TW5200 breaks new boundaries for a larger-than-life home theatre experience. It not only features high colour brightness for vivid high-definition 3D movies and games, it also comes with flexible placement and easy connectivity to a wide range of entertainment and mobile devices. Now you can enjoy showtime at home like never before.



3D Glasses	1080p	Horizontal Keystone Adjuster	HDMI	3-In-1 USB Display	iProjection	2W Speaker

Easy Setup & Placement

Enjoy a broad range of placement possibilities with the intuitive one-touch horizontal keystone adjuster and zoom lens.

Wide-range Connectivity

Home entertainment is more accessible with integrated support for multiple connection methods, including HDMI, MHL and USB.

Compact Portability

Enjoy enhanced portability and flexibility with a compact, stylish design.



The Epson EH-TW5200 provides quality entertainment and an immersive gaming experience in the comfort of your own home. Boasting impeccable projection quality, this affordable Full HD 3D home theatre projector promises unparalleled realism and remarkable brightness.



Easy Set-up and Placement

Horizontal Keystone Adjustment

Easily correct and eliminate distorted images with the intuitive one-touch horizontal keystone adjuster. Vertical distortion is detected by the projector itself and is corrected automatically. With a combination of adjustment features to correct image distortion, you'll be able to enjoy a broader range of placement options.



Images can be enjoyed quickly and beautifully anywhere you choose.



Superior Placement Flexibility

With the zoom lens and keystone adjustment features, you'll have a broader range of placement possibilities. Fewer placement limitations mean it'll be easier for you to relax while enjoying your favourite entertainment on the big screen.



Wide-range Connectivity

With integrated support for multiple connection methods, including MHL, HDMI and USB, to suit a wide range of entertainment devices, the EH-TW5200 makes home entertainment more accessible than ever.



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Availability of MHL Port

Watch your images and videos in your smart devices appear larger-than-life with the MHL port. Simply connect your MHL-compatible device with the MHL cable to fully enjoy your contents on the big screen. What's more, when connected, you can charge your smart device and operate it using the projector's remote control.



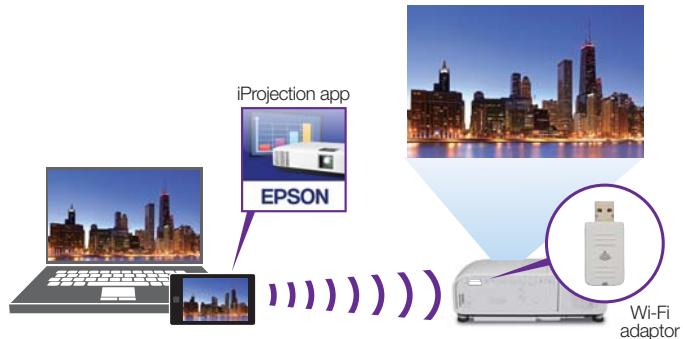
MHL
Mobile High-Definition Link



Wireless Transmission

Enjoy this convenient solution for smooth and smart projection. With the optional Wi-Fi adaptor (ELPAP07) and iProjection app, users can project images directly from Android and Apple iOS tablets and smartphones.*

* Wireless video streaming only through connected PC or laptop with Easy MP Network Projection software installed.



Direct Display from USB

View a JPEG, BMP, PNG or GIF slideshow without a PC by simply inserting a USB memory device into the USB port on the projector.



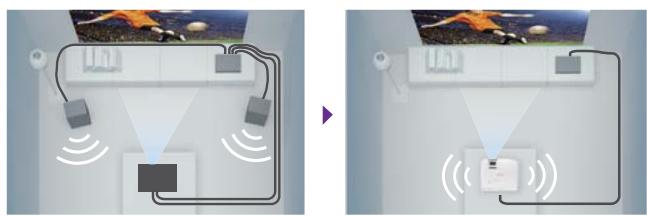
Compact Portability

The compactness of the EH-TW5200 makes it easy to carry and maximises placement possibilities. Stylish and portable with a small footprint, it's a compliment to any environment.



Superb Sound Quality

With the built-in 2W speaker, you can enjoy quality sound wherever you are without having to connect messy wires to a separate speaker.



Clear, Vibrant Images

1080p Full HD Resolution

With a Full HD 1920x1080 panel, you'll be able to fully enjoy your favourite high definition entertainment on the big screen in the comfort of your own home.



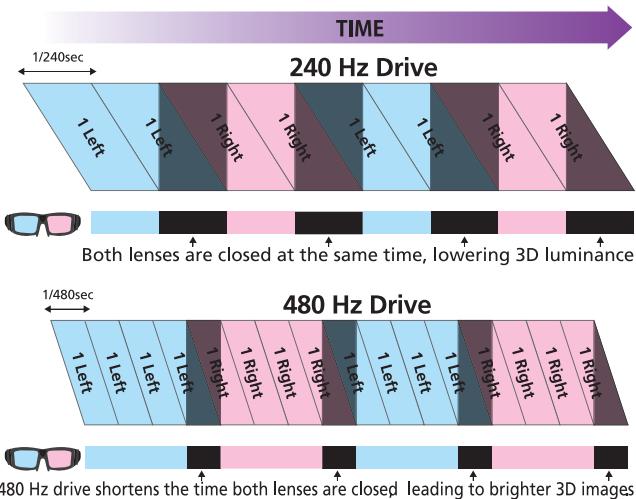
High Contrast Ratio

With a bright 2,000 lumens and a 15,000:1 contrast ratio, you'll be able to project beautiful well-defined images wherever you are, regardless of ambient light.



Bright 3D Drive

With Epson's bright 480 Hz drive technology, a stunning level of 3D brightness is made possible. The 480 Hz drive technology minimises the "blackout time" of the projector when 3D images are transitioning from frame to frame, giving you the smoothest 3D movie or gaming experience from the comfort of your home.

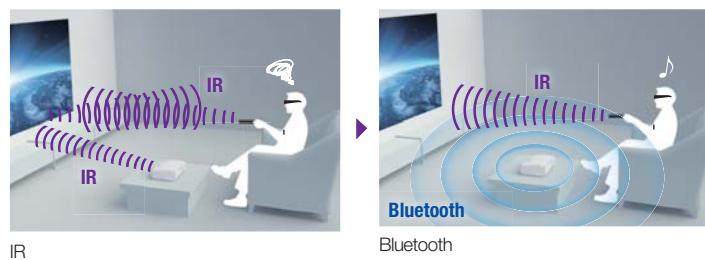


Lighter Full HD RF 3D Glasses

Lighter than InfraRed 3D glasses, the Full HD RF 3D Glasses™ are more comfortable and can be connected smoothly via Bluetooth without any transmission interference from obstacles in the room.



FULL HD
3D RF
GLASSES



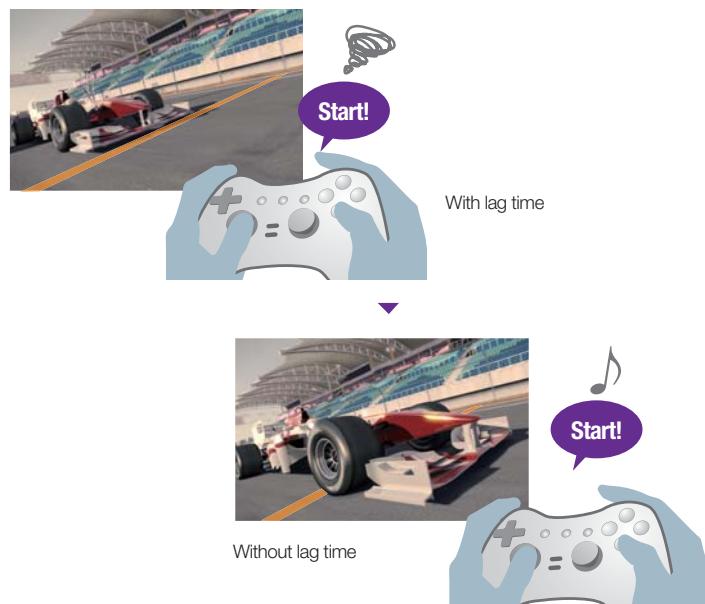
IR

Bluetooth

Fast Mode for Gamers

Enjoy your game the way it was made with fast mode. This mode improves the response speed for images* projected at high-speed.

* Not applicable for 3D images.



Eco Features

- Uses just 0.31W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environment impact
- The flame retardants used in the plastic housing do not contain chlorine or bromine

Better Products for a Better Future™

For more information on Epson's environmental programmes, visit <http://global.epson.com/SR/environment>.

PARTNERS IN PERFECTION

Wireless LAN Adaptor ELPAP07



Supports 802.11 b/g/n connection

Compatible with all Epson wireless-enabled projectors

EB-W16 Active 3D Glass ELPGS03



Long-lasting battery life of up to 40 hours
3-minute quick-charge for up to 3 hours battery life



SEE VIBRANT, REALISTIC COLOURS WITH HIGH COLOUR BRIGHTNESS.

A New Specification

Projectors have always had their brightness rated only for white light. However, they may have very different colour brightness levels. The Colour Brightness specification provides a new way for buyers to compare the holistic performance (white and colour light brightness) of projectors to make a more informed decision.



Epson
Colour Brightness 2600 Lumens
White Brightness 2600 Lumens

Competitor
Colour Brightness 750 Lumens
White Brightness 2700 Lumens

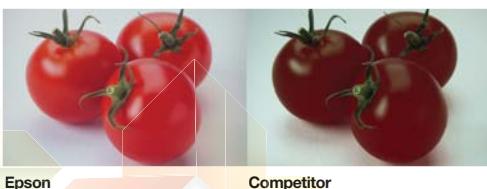
What is Colour Brightness?

As the term implies, Colour Brightness is a new international standard that states a projector's colour light output in lumens. It measures the brightness of a projector's red, green and blue light.

These are the measurements to look for:

Colour Brightness - Colour Light Output

White Brightness - White Light Output



* Compared against similarly-priced leading 1-chip DLP® business and education projectors based on NPD data from July 2011 through June 2012 (available from www.npd.com). Colour brightness (colour light output) measured in accordance with IDMS 15.4. Actual colour brightness will vary depending on actual usage conditions. 3LCD® is a registered trademark of Seiko Epson Corporation. DLP® is a registered trademark of Texas Instruments, Inc. and its use here does not imply any affiliation with or endorsement by them.

Why Does Colour Brightness Matter?

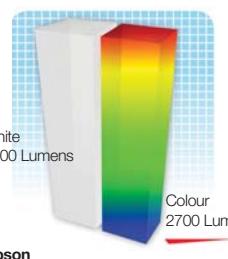
Even if a projector has high white brightness, it's Colour Brightness could be as low as 1/3 of its white light brightness specification. With a projector that has high Colour Brightness, you'll see vibrant, realistic colours; but if Colour Brightness is low, colours can look dull and dark, skin tones can be reproduced poorly and important details can be lost.



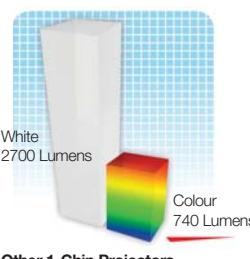
Epson **Competitor**

How to Find a Projector's Colour Brightness?

1. Look for separate Colour Brightness and white brightness specification.
2. Projectors with similar white brightness levels can have vastly different and significantly lower Colour Brightness levels.
3. Many manufacturers may not want you to know their projectors are only 1/3 as bright when measuring colour.



Epson



Other 1-Chip Projectors



www.epson.com.sg/colourbrightness

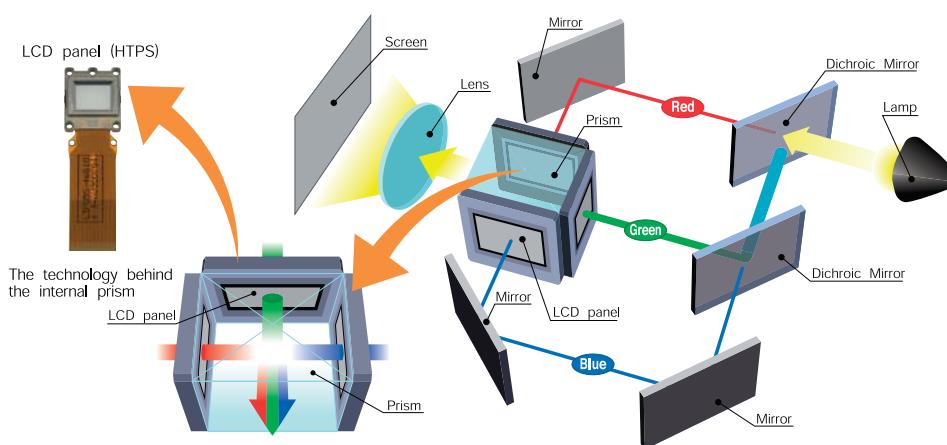
EPSON 3LCD TECHNOLOGY – FOR BRIGHT, FAITHFUL COLOURS

3LCD projectors offer brighter and more accurate colours as they produce different shades and hues by filtering, then mixing beams of the three primary colours (red, green and blue).

In a 3LCD projector, white light is first split into the three beams of primary colours. Each beam is then filtered through its own LCD that will give each individual pixel of the image its exact brightness for each colour. The colour beams are then perfectly recombined in a prism before being projected out as a complete image.

This compares to projectors using single-chip technology that actually project individual colours sequentially by filtering their single white light beam through a colour wheel, and then relying on human colour perception to combine the colours in the viewers' minds.

As a result, 3LCD projectors also offer greater detail, smoother gradations, no "colour breakup" effect, are easier on viewers' eyes, and consume about 25% less power to achieve the same brightness compared to a single-chip projector using a lamp of the same wattage.



3LCD projector : RGB are projected at the same time, which makes the single composite image easy on the eyes.

- An independent test by projector review media ProjectorCentral.com in 2009 of about 800 projectors found that on average, 3LCD projectors use 25% less power than single-chip projectors.



www.3lcd.com

MODEL NUMBER		EH-TW5200		
Projection Technology		RGB liquid crystal shutter projection system (3LCD)		
Specifications of Main Parts				
LCD	Size	0.61" wide panel with MLA (D9.8, C ² Fine, 12Bit)		
	Native Resolution	1080p (1920 x 1080)		
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)		
	F-Number	1.58 - 1.72		
	Focal Length	16.9 - 20.28 mm		
	Zoom Ratio	1 - 1.2		
	Throw Ratio	1.22 - 1.47 (Wide - Tele)		
Lamp	Type	200W UHE		
	Life (Normal / Eco) ¹⁾	5,000 hours / 6,000 hours		
Screen Size (Projected Distance)				
Zoom : Wide	34" - 328" [0.9 - 9.0 m]			
Zoom : Tele	34" - 328" [1.08 - 10.8 m]			
Brightness²⁾				
Colour Light Output (Normal)	2,000lm			
White Light Output (Normal)	2,000lm			
Contrast Ratio				
Auto Iris: On	15,000:1			
Video Quality				
Interlace-Progressive Conversion, 3D Y/C Separation, Noise Reduction, etc.				
Supported Video Signal				
480i / 576i / 480p / 576p / 720p / 1080i / 1080p NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM				
Colour Mode				
Dynamic, Living Room, Natural, Cinema, 3D Dynamic, 3D Cinema				
Internal Speaker(s)				
Sound Output	2W Monaural			
Keystone Correction				
Vertical / Horizontal	±30° / ±30° (Slide Bar)			
Auto Keystone Correction	Yes			
Connectivity				
Analog RGB Input	D-Sub 15pin	1 (Blue)		
Video Input	Composite	RCA x 1 (Yellow)		
Digital Input	HDMI	2 (HDCP Supported, MHL x 1)		
Audio Input	RCA (White/Red)	Yes		
USB Input	USB Type A	1		
	USB Type B	1 mini-USB (For service & firmware update only)		
Control I/O	RS-232C	D-Sub 9pin x 1		
Adjustment Functions				
Six Axis Colour Adjustment	Hue / Saturation / Brightness for Each of RGBCMY are adjustable			
Aspect Mode	Auto / Normal / Full / Zoom			
3D Features				
3D Display	On / Off			
3D Format	Auto / Side By Side / Top & Bottom / 2D			
3D Depth	±10			
Operating Temperature				
5 - 35 °C <41 - 95 °F>				
Operating Altitude				
0 - 3,000 m <0 - 9,843 ft>				
Direct Power On / Off				
Yes / N/A				
Start-Up Period				
20 seconds, Warm-up period: 30 seconds				
Cool Down Period				
Instant Off				
Power Supply Voltage				
100 - 240 V AC ±10%, 50/60 Hz				
Power Consumption (220 - 240V)				
Lamp On (Normal / Eco)	287W / 217W			
Standby	0.31W			
Dimension Excluding Feet (D X W X H)				
247 x 297 x 105 mm				
Weight				
2.8kg				
Fan Noise (Normal / Eco)				
37dB / 29dB				

¹⁾ Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

²⁾ Colour brightness (colour light output) and white brightness (white light output) will vary depending on usage conditions. Colour light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

Supplied Accessories

Power Cable: 3m, 3 Wire (Black)

Remote Control: Yes, with battery attached

User's Manual Set

Optional Accessories

Spare Lamp: ELP LP78

Air Filter: ELPA F32

3D Glasses: ELP GS03 (RF Type)

3D Glasses Charger: ELPAC01

Wireless LAN Unit: ELPAP07

EH-TW5200



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Information correct as at September 2013