

**MULTIMEDIA PROJECTOR**  
EB-G5500/G5600/G5650W/G5800/  
G5900/G5950/G5450WU/G5750WU

**EPSON**  
EXCEED YOUR VISION

# Ace your presentations with bright and flawless images



The EB-G5000 series harnesses Epson's latest 3LCD technology to deliver bright, high quality, graphics-rich multimedia presentations in brilliant colours.

- **Superb projection quality**  
High resolution, high contrast and flawless images to enhance any presentation
- **More interactive presentations**  
Increase the impact of your presentations with an array of convenient functions
- **Advanced monitoring and control function**  
Allows for single point remote monitoring for greater efficiency
- **Easy installation**  
Expansive lens shift range allows flexibility for installation in any preferred location
- **Easy maintenance**  
Lamps and filters can be replaced with ease, saving maintenance time and effort



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EB-G5500/G5600/G5650W/G5800/G5900/G5950/G5450WU/G5750WU

## SUPERB PROJECTION QUALITY



3LCD technology ensures faithful colour reproduction resulting in unparalleled colour images that are smooth and seamless, and easy on the eyes.

### High contrast with unbeatable colour quality



With Epson's proprietary C2Fine™ (Crystal Clear Fine) technology and inorganic

LCD panels with Vertical Alignment (VA) technology, experience high contrast and flawless picture quality for all your presentations.

The optical phase control technology minimises polarised light leakage and increase contrast ratio.

Low contrast image



High contrast image



\*Simulated image

## Excellent Colour Management

The Epson colour management system achieves perfect balance between brightness and colour quality, ensuring that natural colours do not vary significantly between colour modes.



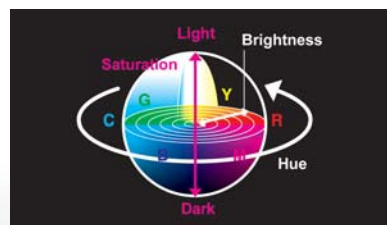
Avoid over-yellow images when the colour mode is changed



Skin colour still appears natural in all colour modes

## Six Axis Colour Adjustment

Enhance your presentations by controlling the hue, saturation, brightness and sharpness of the picture quality to suit your needs.



## 3-2/2-2 Pull Down Selection

(For WUXGA models only)

1080p/24fps signals can be processed using 3-2 or 2-2 pull down, depending on taste.

3-2 pull down: Smoother image

2-2 pull down: Ideal for movies, with the same frame length as film.

\* From 24 frames, 3-2 pull down creates 60 fps and 2-2 pull down creates 48 fps.

## Advanced Sharpness

You can adjust sharpness as precisely as you like.

Formerly only a feature of high-end home cinema projectors, and available now for the first time in Epson business projectors.

## DICOM SIM mode

Low contrast image



High contrast image



\*Simulated image

This colour mode produces images with clear shadows, ideal for projecting X-rays and other medical images.

\* This projector is not a medical device and cannot be used for actual medical diagnosis.

## MORE INTERACTIVE PRESENTATIONS

### Split Screen

Split screen allows inputs from two separate sources to be displayed side by side on the same screen for a more effective meeting. In a video conference, images of presentation materials and remote participants can be shown simultaneously.



### Multi PC Projection

For a more interactive meeting, you can compare and analyse data with Epson's "Easy MP Multi PC Projection" freeware. It allows up to 16 computers to be connected to one projector on a network, with screens from any four computers being projected at a time.



## Quick Wireless Connection

Insert quick wireless USB key into the PC to complete wireless connection setup quickly and easily without any complicated settings.

	EB-G5450WU	EB-G5500	EB-G5600	EB-G5650W	EB-G5750WU	EB-G5800	EB-G5900	EB-G5950
Split screen	○	x	○	○	○	x	○	○
Multi PC projection	○	x	x	○	○	x	x	○
Quick Wireless Connection	○	x	x	○	○	x	x	○

## ADVANCED MONITORING & CONTROL FUNCTION

### Easy MP Monitor

With Epson's Network monitoring and control software, a single PC can see which projectors are available and running efficiently. Configure the whole series remotely, with instant email alerts for pre-defined critical indicators.

### Message Broadcasting

Message broadcasting allows you to send messages as JPEG files to one or any number of projectors on the network, which is very useful for making announcements.

### RoomView® Compatibility

RoomView® (projector monitoring and control software by Crestron®) enables administrators to develop a system using any mix of projector brands.

	Message Broadcasting	RoomView®
EB-G5450WU	○	○
EB-G5500	x	x
EB-G5600	x	x
EB-G5650W	○	○
EB-G5750WU	○	○
EB-G5800	x	x
EB-G5900	x	x
EB-G5950	○	○

## EASY INSTALLATION

### Horizontal / Vertical Lens Shift

Projection can easily be adjusted with both vertical and horizontal lens shift, giving users more flexibility in projector and screen placement.

- \* When maximum horizontal lens shift is used, available vertical lens shift is reduced.
- \* When maximum vertical lens shift is used, available horizontal lens shift is reduced.

### 5 Lens Options



The 1.8x zoom of the standard lens allows a broad projection range, and there are optional lenses if a greater range is needed.

		ELPLR03 Rear Projection Wide Lens	ELPLS05 Standard Zoom Lens	ELPLM04 Middle Throw Zoom Lens 1	ELPLM05 Middle Throw Zoom Lens 2	ELPLL06 Long Throw Zoom Lens
<b>Type</b>		Manual : focus only	Manual : zoom / focus			
<b>F-Number</b>		2.03	1.65 - 2.55	1.83 - 2.45	1.83 - 2.53	1.84 - 2.32
<b>Focal Length</b>		12.76 mm	21.28 - 37.94 mm	38.07 - 57.09 mm	56.76 - 85.25 mm	84.91 - 114.61 mm
<b>Zoom Ratio</b>		-	1 - 1.8	1 - 1.5	1 - 1.5	1 - 1.35
<b>Weight (g)</b>		782	583	887	953	898
<b>Screen Size [Projection distance]</b>	<b>XGA</b>	30" - 200" [0.45 - 3.20 m]	30" - 300" [0.77 - 14.54 m]	40" - 300" [1.85 - 22.04 m]	40" - 300" [2.76 - 33.11 m]	40" - 300" [4.2 - 44.07 m]
	<b>WXGA</b>	30" - 200" [0.47 - 3.36 m]	30" - 300" [0.81 - 15.29 m]	40" - 300" [1.96 - 23.18 m]	40" - 300" [2.92 - 34.82 m]	40" - 300" [4.42 - 46.35 m]
	<b>WUXGA</b>	50" - 200" [0.80 - 3.30 m]	50" - 300" [1.36 - 14.99 m]	50" - 300" [2.42 - 22.73 m]	50" - 300" [3.61 - 34.13 m]	50" - 300" [5.46 - 45.45 m]

## EASY MAINTENANCE

Change lamps and filters easily without having to uninstall the projector from the ceiling. Bayonet mounts make lens replacement simple as well.



### Eco Features

- Equipped with Epson proprietary lamp that is engineered to maximise light usage efficiency
- Uses about 0.47W of power in standby mode
- Projector optics employ lead-free lenses
- Unpainted plastic housing reduces the environmental 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 [www.epson.com/environment](http://www.epson.com/environment)

## PARTNERS IN PERFECTION

### Ultra portable Document Camera ELPDC06



Easily portable; 0.96 kg/2.11 lbs  
1.92 megapixels with 15fps  
4 x digital zoom  
USB powered

### Desktop Document Camera ELPDC11



2.2 kg/4.85 lbs  
5 megapixels with 30fps  
10 x digital zoom  
Bundled with microscope adaptor

### Interactive Unit ELPIU01



USB powered  
Easy interactive function  
Simple and easy set up

# Epson Revolutionises Projector Market with 3LCD Technology and Leads as World's No.1\* Projector Brand for 9 Consecutive Years!

\* Based on independent research by Futuresource Consulting

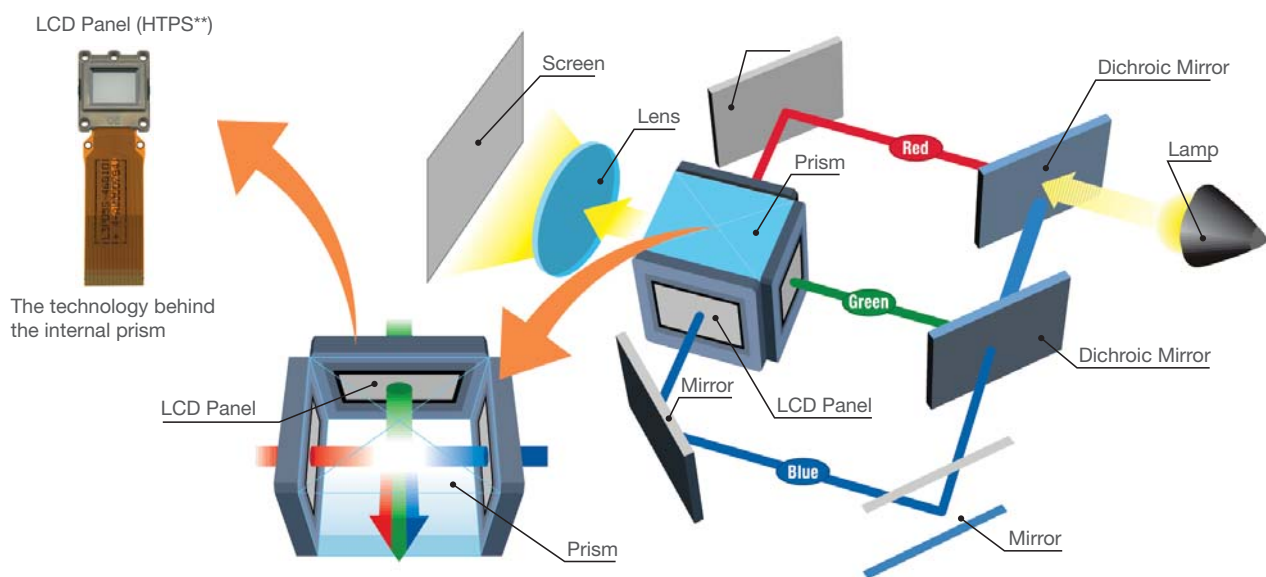
## Advantages of 3LCD Projection System

### Bright Images and Faithful Colour Reproduction

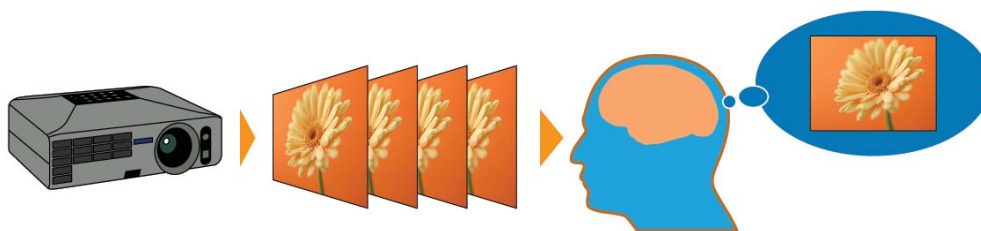
3LCD projectors offer all-time colour (Red, Green and Blue) projection thereby ensuring faithful full colour reproduction. This is suitable for projection of colour intensive images such as videos, photographs and colour charts.

### Incredible Details

3LCD projectors are able to produce an unparalleled range of grayscale images, which contributes to delivering incredible colour images that are smooth and seamless.



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



\*\* HTPS (High Temperature Poly-Silicon) is an active matrix transmissive LCD. It is extremely small and produces high-quality images.

### Gentle on the Eyes

3LCD projectors' images do not suffer from colour break-up (commonly known as the rainbow effect). The projections are easy on the eyes as you will not be affected by any distorted pattern.

3LCD projectors use 3 separate LCD panels to form a continuous image containing all colours (red, blue and green) ensuring smooth video playback, even for rapid-motion images.

### Reliable Technology

With more than 60 million 3LCD chips shipped to date, the powerful and road-tested 3LCD projection technology is extremely reliable, and is trusted by many throughout to deliver sharp and true-to-life images.

# Colour Light Output

- an easy way to evaluate projector colour output

## What is Colour Light Output?

Colour Light Output (CLO) is a specification that provides critical information on a projector's ability to deliver colour. Developed by colour scientists using the same approach as White Light Output (Brightness) measurement, Colour Light Output provides the buyer with additional key information about colour.

## Does Brightness measure colour?

No. Current product specifications such as Brightness (or White Light Output), Contrast Ratio and Resolution give no information regarding a projector's ability to reproduce colour. The existing Brightness specification only measures the total amount of White Light projected. It does not measure colour – in fact, many manufacturers artificially boost brightness by adding white light, which dilutes the projector's colour brightness.

## Why is Colour Light Output important?

Colour Light Output is critically important because it measures the brightness of Red, Green and Blue. Red, Green and Blue create white when combined in the right proportions. They also comprise the input signal that tells your projector how to reproduce colour images. Beautifully balanced colour is possible when bright Red, Green and Blue combine to produce the brightness equal to White. Colour Light Output provides users with an additional way to evaluate a projector and make more discerning buying decisions.

## Is Colour Light Output the same in all projectors?

No. There are vast differences in the Colour Light Output of projectors on the market today. Look at the images below from two competing projectors

3LCD Projector



Image #1\*

Brand X



Image #1\*



Image #2\*



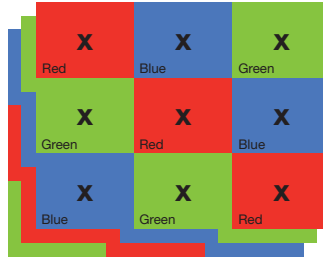
Image #2\*

Colour Light Output specification describes the difference in colour between these two projectors.

## How is Colour Light Output measured?

X	X	X
X	X	X
X	X	X

**Brightness (or White Light Output)** measures the total amount of white light projected in lumens on a nine point grid. It does not measure colour.



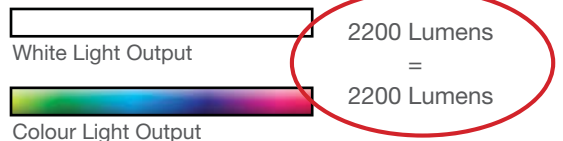
**Colour Light Output** uses 3 sets of a nine-point grid to measure the primary colours - red, green and blue, using the same approach used to measure White Light Output in lumens.

## How should Colour Light Output be used?

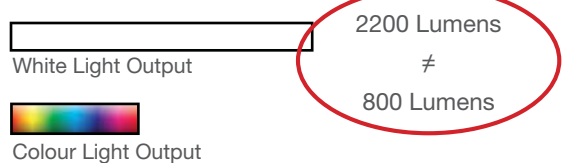
Colour Light Output should be used with White Light Output to provide insight into a projector's overall picture quality. Two things to remember:

1. Select High Colour Light Output.
2. Make sure the Colour Light Output equals the White Light Output.

3LCD Projector High CLO



Brand X Low CLO



When selecting a projector, ask for the Colour Light Output measurement.

\* Actual photographs of images produced by 2 competing projectors run in default mode. Price, Resolution and Brightness (White Light Output) are the same for both projectors.



**EB-G5750WU/G5450WU/G5650W/G5950**

**SPECIFICATIONS**

<p><b>SUPPLIED ACCESSORIES</b></p> <p>Power Cable 3.0m Computer Cable 1.8m, HD15 / HD15 Remote Control With AA type Manganese batteries x 2 Len cover Password Protect Sticker User's Manual</p> <p><b>OPTIONAL ACCESSORIES</b></p> <p>Spare Lamp ELPLP62 (EB-G5450WU) Spare Lamp ELPLP63 (EB-G5650W/G5750WU/G5950) Air Filter ELPAP17 Wireless LAN Unit ELPAP03 Rear Projection Wide Lens ELPLR03 Standard Zoom Lens ELPLS05 Middle Throw Zoom Lens 1 ELPLM04 Middle Throw Zoom Lens 2 ELPLM05 Long Throw Zoom Lens ELPLL06</p> <p>EB-G5750WU/EB-G5450WU </p> <p>EB-G5650W/EB-G5950 </p> <p>* Colour mode: Dynamic, Zoom: Wide, Lens shift: V Center / H Center ** Zoom: Tele, Lens: Standard *** With High altitude mode, High brightness mode **** Above 1500m: With High altitude mode</p> <p>EPSON is the registered trademark of Seiko Epson Corporation. All other product names and other company names used herein are for identification purposes only and are the trademarks or registered trademarks of their respective owners. EPSON disclaims any and all rights in those marks. Scan/Print samples shown herein are simulations. The actual product design and contents may vary. Specifications are subject to change without notice.</p>	<b>MODEL NUMBER</b>	EB-G5750WU	EB-G5450WU	EB-G5650W	EB-G5950	
	<b>PROJECTION SYSTEM</b>	RGB liquid crystal shutter projection system				
	<b>PROJECTION METHOD</b>	Front / Rear / Ceiling mount				
	<b>SPECIFICATION OF MAIN PARTS</b>					
	LCD					
	SIZE	0.76-inch with MLA (D9, C2 Fine)		0.74-inch with MLA (D7, C2 Fine)		0.8-inch with MLA (D7, C2 Fine)
	DRIVING METHOD	Poly-silicon TFT active matrix				
	PIXEL NUMBER	2,304,000 dots (1920 x 1200) x 3		1,024,000 dots (1280 x 800) x 3		786,432 dots (1024 x 768) x 3
	NATIVE RESOLUTION	WUXGA		WXGA		XGA
	ASPECT RATIO	16:10				4:3
	<b>PROJECTION LENS</b>					
	TYPE	Manual : zoom / focus				
	F-NUMBER	1.65 - 2.55				
	FOCAL LENGTH	21.28mm - 37.94mm				
	ZOOM RATIO	1 - 1.8				
	LENS EXCHANGE	Yes				
	LENS SHIFT (VERTICAL / HORIZONTAL)	Manual (±58% / ±9%)		Manual (±60% / ±10%)		Manual (±50% / ±10%)
	<b>LAMP</b>					
	TYPE	330 W UHE		275 W UHE		330 W UHE
	LIFE (NORMAL/ECO)	2000 hours / 3000 hours				
	<b>BRIGHTNESS*</b>					
	WHITE LIGHT (NORMAL/ECO)	4500 lm / 3600 lm		4000 lm / 3200 lm		4500 lm / 3600 lm 5200 lm / 4160 lm
	COLOUR LIGHT (NORMAL/ECO)	4500 lm / 3600 lm		4000 lm / 3200 lm		4500 lm / 3600 lm 5200 lm / 4160 lm
	<b>CONTRAST RATIO*</b>	1500:1		1000:1		2000:1
	<b>SCREEN SIZE (PROJECTED DISTANCE)</b>	50" to 300" [1.36 to 14.99 m]		30" to 300" [0.81 to 15.29m]		30" to 300" [0.77 to 14.54 m]
<b>SOUND OUTPUT</b>	7W Monaural					
<b>KEYSTONE CORRECTION**</b>	Vertical: -30 to +30 degrees Horizontal: -20 to +20 degrees			Vertical : -40 to +40 degrees Horizontal: -20 to +20 degrees		
<b>AUTO KEYSTONE CORRECTION</b>	N/A					
<b>CONNECTIVITY</b>						
<b>VIDEO INPUT</b>	RCA (Yellow) x 1 1-BNC x 1 S-Video x 1 D-sub 15pin (Blue molding) x 1 D-sub 15pin (Blue molding) x 2					
<b>COMPUTER INPUT</b>	D-sub 15pin (Blue molding) x 1 5-BNC x 1					
<b>DIGITAL INPUT</b>	HDMI X 1 DVI-D X 1 N/A					
<b>CONTROL INPUT</b>	RS-232C x 1 RJ45 x 1					
<b>AUDIO INPUT</b>	Stereo mini-jack x 2 RCA (White/Red) x 1 pair			Stereo mini-jack x 3		
<b>MEMORY INPUT</b>	USB Type A x 1					
<b>COMPUTER OUTPUT</b>	D-sub 15pin (Black molding) x 1					
<b>AUDIO OUTPUT</b>	Stereo mini-jack x 1					
<b>OPERATING TEMPERATURE</b>						
BELOW 1500M / 4921FT	0°C to 40°C <32°F to 104°F> (20% - 80% humidity, unfrozen)					
ABOVE 1500M / 4921FT***	0°C to 35°C <32°F to 95°F> (20% - 80% humidity, unfrozen)					
<b>OPERATING ALTITUDE****</b>	0 m to 3000 m <0 ft to 9843 ft> ( over 1500 m / 4,921 ft :with High altitude mode)					
<b>OPERATING ANGLE OF TILT</b>	±30°					
<b>START-UP PERIOD</b>	About 10 seconds, warm-up period: 30 seconds					
<b>DIRECT POWER ON / OFF</b>	Yes / Yes					
<b>COOL-DOWN PERIOD</b>	Instant off or 0 second					
<b>POWER SUPPLY VOLTAGE</b>	100 - 240 V AC ±10%, 50/60 Hz					
<b>POWER CONSUMPTION</b>						
100-120V						
LAMP ON	477W		413W		464W	
STANDBY	0.38W (Network off)					
220-240V						
LAMP ON	451W		393W		442W	
STANDBY	0.47W (Network off)					
<b>DIMENSIONS EXCLUDING FEET (D X W X H)</b>	311.5 x 470 x 135 mm (12.26" x 18.5" x 5.31")					
<b>WEIGHT</b>	Approx. 15 lb / 6.8 kg					
<b>FAN NOISE (NORMAL/ECO)</b>	39 dB / 33 dB		35 dB / 30 dB		38 dB / 32 dB	



# EB-G5900/G5800/G5600/G5500

## SPECIFICATIONS

		MODEL NUMBER	EB-G5900	EB-G5800	EB-G5600	EB-G5500
<b>SUPPLIED ACCESSORIES</b>		<b>PROJECTION SYSTEM</b>	RGB liquid crystal shutter projection system			
Power Cable	3.0m	<b>PROJECTION METHOD</b>	Front / Rear / Ceiling mount			
Computer Cable	1.8m, HD15 / HD15	<b>SPECIFICATION OF MAIN PARTS</b>				
Remote Control	With AA type Manganese batteries x 2	LCD				
Len cover		SIZE				
Password Protect Sticker		0.8-inch with MLA (D7, G2 Fine)				
User's Manual		DRIVING METHOD				
		Poly-silicon TFT active matrix				
		PIXEL NUMBER				
		786,432 dots (1024 x 768) x 3				
		NATIVE RESOLUTION				
		XGA				
		ASPECT RATIO				
		4:3				
<b>OPTIONAL ACCESSORIES</b>		<b>PROJECTION LENS</b>				
Spare Lamp	ELPLP62 (EB-G5500/ G5600)	TYPE				
Spare Lamp	ELPLP63 (EB-G5800/ G5900)	Manual : zoom / focus				
Air Filter	ELPAP17	F-NUMBER				
Wireless LAN Unit	ELPAP03	1.65 - 2.55				
Rear Projection Wide Lens	ELPLR03	FOCAL LENGTH				
Standard Zoom Lens	ELPLS05	21.28mm - 37.94mm				
Middle Throw Zoom Lens 1	ELPLM04	ZOOM RATIO				
Middle Throw Zoom Lens 2	ELPLM05	1 - 1.8				
Long Throw Zoom Lens	ELPLL06	LENS EXCHANGE				
		Yes				
		LENS SHIFT (VERTICAL / HORIZONTAL)				
		Manual (±50% / ±10%)				
		<b>LAMP</b>				
		TYPE				
		330 W UHE		275 W UHE		
		LIFE (NORMAL/ECO)				
		2000 hours / 3000 hours				
		<b>BRIGHTNESS*</b>				
		WHITE LIGHT (NORMAL/ECO)		4500 lm / 3600 lm		
		5200 lm / 4160 lm				
		COLOUR LIGHT (NORMAL/ECO)		4500 lm / 3600 lm		
		5200 lm / 4160 lm				
		<b>CONTRAST RATIO*</b>				
		1000:1				
		<b>SCREEN SIZE (PROJECTED DISTANCE)</b>				
		30" to 300" [0.77 to 14.54 m]				
		<b>SOUND OUTPUT</b>		7W Monaural		
		7W Monaural		N/A		
		<b>KEYSTONE CORRECTION**</b>				
		Vertical : -40 to +40 degrees				
		Horizontal : -20 to +20 degrees				
		<b>AUTO KEYSTONE CORRECTION</b>				
		N/A				
		<b>CONNECTIVITY</b>				
		<b>VIDEO INPUT</b>				
		RCA (Yellow) x 1		N/A		
		1-BNC x 1		RCA (Yellow) x 1		
		S-Video x 1		N/A		
		D-sub 15pin (Blue molding) x 2		D-sub 15pin (Blue molding) x 1		D-sub 15pin (Blue molding) x 2
		D-sub 15pin (Blue molding) x 2		D-sub 15pin (Blue molding) x 1		D-sub 15pin (Blue molding) x 2
		<b>COMPUTER INPUT</b>				
		D-sub 15pin (Blue molding) x 2		D-sub 15pin (Blue molding) x 1		D-sub 15pin (Blue molding) x 2
		5-BNC x 1		D-sub 15pin (Blue molding) x 1		
		<b>DIGITAL INPUT</b>				
		HDMI X 1		N/A		
		HDMI X 1		N/A		
		<b>CONTROL INPUT</b>				
		RS-232C x 1				
		RJ45 x 1				
		<b>AUDIO INPUT</b>				
		Stereo mini-jack x 3		N/A		
		RCA (White/Red) x 1 pair		Stereo mini-jack x 3		N/A
		RCA (White/Red) x 1 pair		RCA (White/Red) x 1 pair		N/A
		<b>MEMORY INPUT</b>				
		N/A				
		<b>COMPUTER OUTPUT</b>				
		D-sub 15pin (Black molding) x 1		N/A		
		D-sub 15pin (Black molding) x 1		N/A		
		<b>AUDIO OUTPUT</b>				
		Stereo mini-jack x 1		N/A		
		Stereo mini-jack x 1		N/A		
		<b>OPERATING TEMPERATURE</b>				
		BELOW 1500M / 4921FT				
		0°C to 40°C <32°F to 104°F> (20% - 80% humidity, unfrozen)				
		ABOVE 1500M / 4921FT***				
		0°C to 35°C <32°F to 95°F> (20% - 80% humidity, unfrozen)				
		<b>OPERATING ALTITUDE****</b>				
		0 m to 3000 m <0 ft to 9843 ft> ( over 1500 m / 4,921 ft :with High altitude mode)				
		<b>OPERATING ANGLE OF TILT</b>				
		±30°				
		<b>START-UP PERIOD</b>				
		About 10 seconds, warm-up period: 30 seconds				
		<b>DIRECT POWER ON / OFF</b>				
		Yes / Yes				
		<b>COOL-DOWN PERIOD</b>				
		Instant off or 0 second				
		<b>POWER SUPPLY VOLTAGE</b>				
		100 - 240 V AC ±10%, 50/60 Hz				
		<b>POWER CONSUMPTION</b>				
		100-120V				
		LAMP ON		464W		
		STANDBY		0.38W (Network off)		
		220-240V				
		LAMP ON		442W		
		STANDBY		0.47W (Network off)		
		<b>DIMENSIONS EXCLUDING FEET (D X W X H)</b>				
		311.5 x 470 x 135 mm (12.26" x 18.5" x 5.31")				
		<b>WEIGHT</b>				
		Approx. 15 lb / 6.7 kg		Approx. 15 lb / 6.6 kg		Approx. 15 lb / 6.7 kg
		Approx. 15 lb / 6.7 kg		Approx. 15 lb / 6.6 kg		Approx. 15 lb / 6.6 kg
		<b>FAN NOISE (NORMAL/ECO)</b>				
		38 dB / 32 dB		33 dB / 28dB		

EB-G5600/EB-G5900



EB-G5500/EB-G5800



\* Colour mode: Dynamic, Zoom: Wide, Lens shift: V Center / H Center

\*\* Zoom: Tele, Lens: Standard

\*\*\* With High altitude mode, High brightness mode

\*\*\*\* Above 1500m: With High altitude mode

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