

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 colors.

- **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



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



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

SUPERB PROJECTION QUALITY



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

High contrast with unbeatable color 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 minimizes polarized light leakage and increase contrast ratio.

Low contrast image



High contrast image



*Simulated image

Excellent Color Management

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



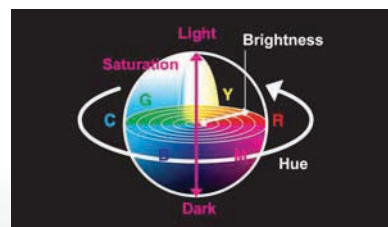
Avoid over-yellow images when the color mode is changed



Skin color still appears natural in all color modes

Six Axis Color 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.

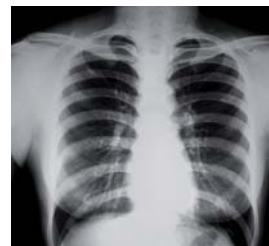
Formerly only a feature of high-end home cinema projectors, and available now for the first time in Epson business projectors.

DICOM SIM mode

Low contrast image



High contrast image



*Simulated image

This color 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
Type		Manual : focus only		Manual : zoom / focus		
F-Number		2.03	1.65 - 2.55	1.83 - 2.45	1.83 - 2.53	1.84 - 2.32
Focal Length		12.76 mm	21.28 - 37.94 mm	38.07 - 57.09 mm	56.76 - 85.25 mm	84.91 - 114.61 mm
Zoom Ratio		-	1 - 1.8	1 - 1.5	1 - 1.5	1 - 1.35
Weight (g)		782	583	887	953	898
Screen Size [Projection distance]	XGA	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]
	WXGA	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]
	WUXGA	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 maximize 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

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 Revolutionizes 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

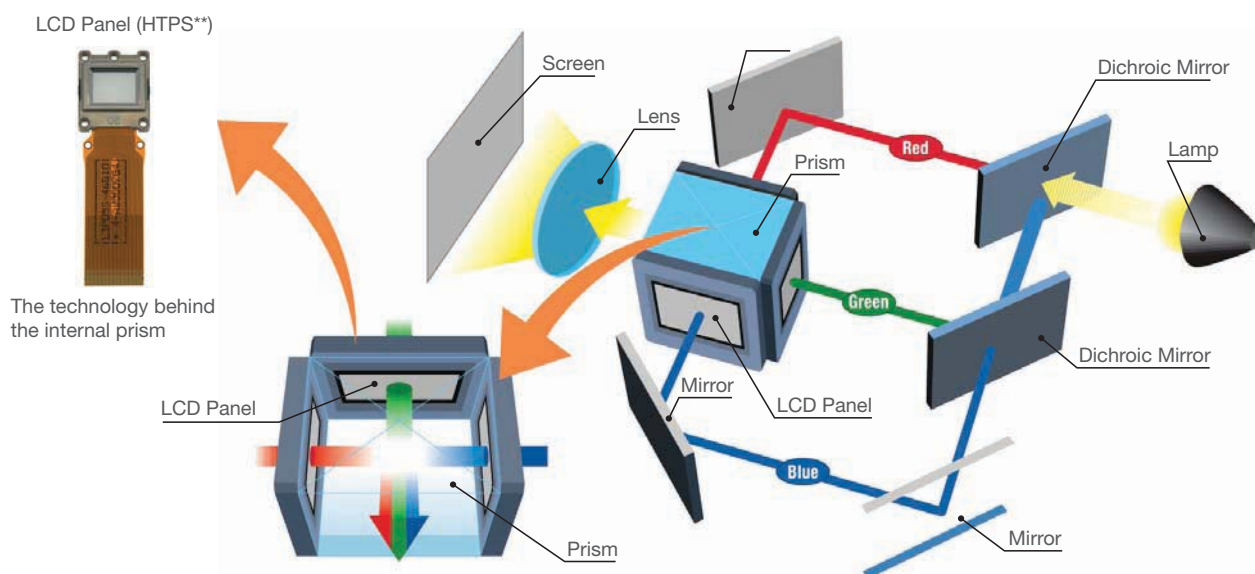
Advantages of 3LCD Projection System

Bright Images and Faithful Color Reproduction

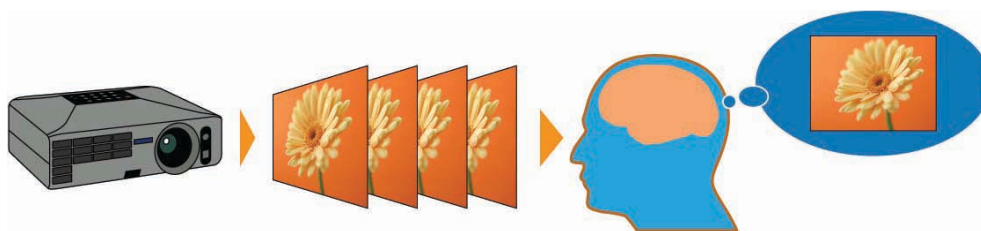
3LCD projectors offer all-time color (Red, Green and Blue) projection thereby ensuring faithful full color reproduction. This is suitable for projection of color intensive images such as videos, photographs and color charts.

Incredible Details

3LCD projectors are able to produce an unparalleled range of grayscale images, which contributes to delivering incredible color 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 color 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 colors (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*



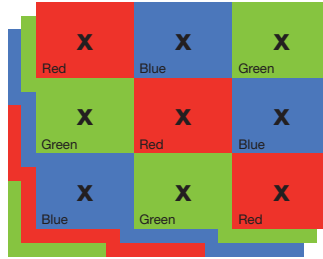
Image #2*

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.

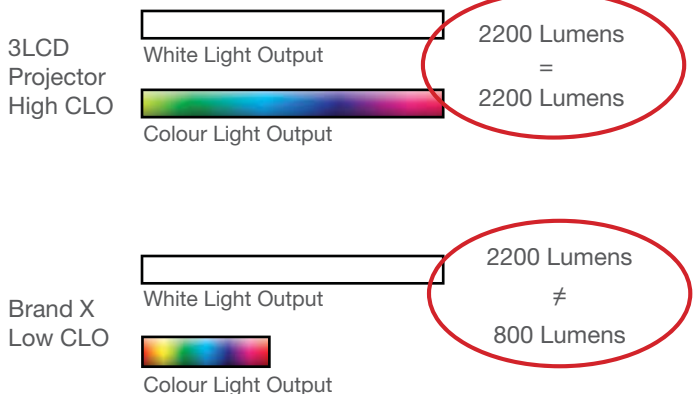


Colour Light Output uses 3 sets of a nine-point grid to measure the primary colours - red, green and blue, using the same approach used to measure White Light Output in lumens.

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.



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

SUPPLIED ACCESSORIES	MODEL NUMBER	EB-G5750WU	EB-G5450WU	EB-G5650W	EB-G5950
	PROJECTION SYSTEM	RGB liquid crystal shutter projection system			
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	PROJECTION METHOD	Front / Rear / Ceiling mount			
	SPECIFICATION OF MAIN PARTS				
OPTIONAL ACCESSORIES	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)	
Spare Lamp ELPLP62 (EB-G5450WU)	DRIVING METHOD	Poly-silicon TFT active matrix			
Spare Lamp ELPLP63 (EB-G5650W/G5750WU/G5950)	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	
Air Filter ELPAP17	NATIVE RESOLUTION	WUXGA	WXGA	XGA	
Wireless LAN Unit ELPAP03	ASPECT RATIO	16:10		4:3	
Rear Projection Wide Lens ELPLR03	PROJECTION LENS				
Standard Zoom Lens ELPLS05	TYPE	Manual : zoom / focus			
Middle Throw Zoom Lens 1 ELPLM04	F-NUMBER	1.65 - 2.55			
Middle Throw Zoom Lens 2 ELPLM05	FOCAL LENGTH	21.28mm - 37.94mm			
Long Throw Zoom Lens ELPLL06	ZOOM RATIO	1 - 1.8			
	LENS EXCHANGE	Yes			
	LENS SHIFT (VERTICAL / HORIZONTAL)	Manual (±58% / ±9%)	Manual (±60% / ±10%)	Manual (±50% / ±10%)	
	LAMP				
	TYPE	330 W UHE	275 W UHE	330 W UHE	
	LIFE (NORMAL/ECO)	2000 hours / 3000 hours			
	BRIGHTNESS*				
	WHITE LIGHT (NORMAL/ECO)	4500 lm / 3600 lm	4000 lm / 3200 lm	4500 lm / 3600 lm	5200 lm / 4160 lm
	COLOR LIGHT (NORMAL/ECO)	4500 lm / 3600 lm	4000 lm / 3200 lm	4500 lm / 3600 lm	5200 lm / 4160 lm
	CONTRAST RATIO*	1500:1	1000:1	2000:1	
	SCREEN SIZE (PROJECTED DISTANCE)	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]
	SOUND OUTPUT	7W Monaural			
	KEYSTONE CORRECTION**	Vertical: -30 to +30 degrees		Vertical: -40 to +40 degrees	
		Horizontal: -20 to +20 degrees		Horizontal: -20 to +20 degrees	
	AUTO KEYSTONE CORRECTION	N/A			
	CONNECTIVITY				
	VIDEO INPUT	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	
	COMPUTER INPUT	D-sub 15pin (Blue molding) x 1		D-sub 15pin (Blue molding) x 2	
		5-BNC x 1			
	DIGITAL INPUT	HDMI X 1			
		DVI-D X 1		N/A	
	CONTROL INPUT	RS-232C x 1			
		RJ45 x 1			
	AUDIO INPUT	Stereo mini-jack x 2		Stereo mini-jack x 3	
		RCA (White/Red) x 1 pair			
	MEMORY INPUT	USB Type A x 1			
	COMPUTER OUTPUT	D-sub 15pin (Black molding) x 1			
	AUDIO OUTPUT	Stereo mini-jack x 1			
	OPERATING TEMPERATURE				
	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)			
	OPERATING ALTITUDE****	0 m to 3000 m <0 ft to 9843 ft> (over 1500 m / 4,921 ft :with High altitude mode)			
	OPERATING ANGLE OF TILT	±30°			
	START-UP PERIOD	About 10 seconds, warm-up period: 30 seconds			
	DIRECT POWER ON / OFF	Yes / Yes			
	COOL-DOWN PERIOD	Instant off or 0 second			
	POWER SUPPLY VOLTAGE	100 - 240 V AC ±10%, 50/60 Hz			
	POWER CONSUMPTION				
	100-120V				
	LAMP ON	477W	413W	464W	
	STANDBY	0.38W (Network off)			
	220-240V				
	LAMP ON	451W	393W	442W	
	STANDBY	0.47W (Network off)			
	DIMENSIONS EXCLUDING FEET (D X W X H)	311.5 x 470 x 135 mm (12.26" x 18.5" x 5.31")			
	WEIGHT	Approx. 15 lb / 6.8 kg			
	FAN NOISE (NORMAL/ECO)	39 dB / 33 dB	35 dB / 30 dB	38 dB / 32 dB	

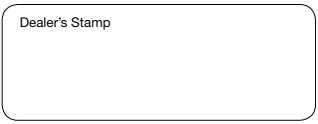


- * Color mode: Dynamic, Zoom: Wide, Lens shift: V Center / H Center
- ** Zoom: Tele, Lens: Standard
- *** With High altitude mode, High brightness mode
- **** Above 1500m: With High altitude mode

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EB-G5900/G5800/G5600/G5500

SPECIFICATIONS

	MODEL NUMBER	EB-G5900	EB-G5800	EB-G5600	EB-G5500
SUPPLIED ACCESSORIES	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				
OPTIONAL ACCESSORIES	Spare Lamp	ELPLP62 (EB-G5500/ G5600)			
	Spare Lamp	ELPLP63 (EB-G5800/ G5900)			
	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			
			EB-G5600/EB-G5900		
		EB-G5500/EB-G5800			
		<p>* Color mode: Dynamic, Zoom: Wide, Lens shift: V Center / H Center</p> <p>** Zoom: Tele, Lens: Standard</p> <p>*** With High altitude mode, High brightness mode</p> <p>**** Above 1500m: With High altitude mode</p>			
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	PROJECTION SYSTEM	RGB liquid crystal shutter projection system			
	PROJECTION METHOD	Front / Rear / Ceiling mount			
	SPECIFICATION OF MAIN PARTS				
	LCD				
	SIZE	0.8-inch with MLA (D7, G2 Fine)			
	DRIVING METHOD	Poly-silicon TFT active matrix			
	PIXEL NUMBER	786,432 dots (1024 x 768) x 3			
	NATIVE RESOLUTION	XGA			
	ASPECT RATIO	4:3			
	PROJECTION LENS				
	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 (±50% / ±10%)			
	LAMP				
	TYPE	330 W UHE		275 W UHE	
	LIFE (NORMAL/ECO)	2000 hours / 3000 hours			
	BRIGHTNESS*				
	WHITE LIGHT (NORMAL/ECO)	5200 lm / 4160 lm		4500 lm / 3600 lm	
	COLOR LIGHT (NORMAL ECO)	5200 lm / 4160 lm		4500 lm / 3600 lm	
	CONTRAST RATIO*	1000:1			
	SCREEN SIZE (PROJECTED DISTANCE)	30" to 300" [0.77 to 14.54 m]			
	SOUND OUTPUT	7W Monaural	N/A	7W Monaural	N/A
	KEYSTONE CORRECTION**	Vertical: -40 to +40 degrees Horizontal: -20 to +20 degrees			
	AUTO KEYSTONE CORRECTION	N/A			
	CONNECTIVITY				
	VIDEO INPUT	RCA (Yellow) x 1	N/A	RCA (Yellow) x 1	N/A
		1-BNC x 1			
		S-Video x 1	N/A	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 1
	COMPUTER INPUT	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 1
		5-BNC x 1			
	DIGITAL INPUT	HDMI X 1	N/A	HDMI x 1	N/A
		N/A			
	CONTROL INPUT	RS-232C x 1 RJ45 x 1			
	AUDIO INPUT	Stereo mini-jack x 3	N/A	Stereo mini-jack x 3	N/A
		RCA (White/Red) x 1 pair	N/A	RCA (White/Red) x 1 pair	N/A
	MEMORY INPUT	N/A			
	COMPUTER OUTPUT	D-sub 15pin (Black molding) x 1	N/A	D-sub 15pin (Black molding) x 1	N/A
	AUDIO OUTPUT	Stereo mini-jack x 1	N/A	Stereo mini-jack x 1	N/A
	OPERATING TEMPERATURE				
	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)			
	OPERATING ALTITUDE****	0 m to 3000 m <0 ft to 9843 ft> (over 1500 m / 4,921 ft :with High altitude mode)			
	OPERATING ANGLE OF TILT	±30°			
	START-UP PERIOD	About 10 seconds, warm-up period: 30 seconds			
	DIRECT POWER ON / OFF	Yes / Yes			
	COOL-DOWN PERIOD	Instant off or 0 second			
	POWER SUPPLY VOLTAGE	100 - 240 V AC ±10%, 50/60 Hz			
	POWER CONSUMPTION				
	100-120V				
	LAMP ON	464W		390W	
	STANDBY	0.38W (Network off)			
	220-240V				
	LAMP ON	442W		373W	
	STANDBY	0.47W (Network off)			
	DIMENSIONS EXCLUDING FEET (D X W X H)	311.5 x 470 x 135 mm (12.26" x 18.5" x 5.31")			
	WEIGHT	Approx. 15 lb / 6.7 kg	Approx. 15 lb / 6.6 kg	Approx. 15 lb / 6.7 kg	Approx. 15 lb / 6.6 kg
	FAN NOISE (NORMAL/ECO)	38 dB / 32 dB		33 dB / 28dB	

