

# SONY

## Sony's 3LCD Data Projectors VPL-EX4 & VPL-ES4



VPL-EX4



VPL-ES4

**Hong Kong, May 31, 2007** – Sony Corporation of Hong Kong Limited today launched two new 3LCD data projectors, the VPL-EX4 and VPL-ES4, which are built for a variety of presentation applications, especially for education and business uses. The VPL-EX4 and VPL-ES4 offer affordable solutions with a high brightness of 2100 lumens and 2200 lumens respectively.

The VPL-EX4 and VPL-ES4 uses a 3LCD panel system to deliver bright and natural images with native XGA (1024x768) and SVGA (800x600) resolution respectively. This system incorporates three high aperture 0.63-inch LCD panels that provide high light transmission and excellent colour reproduction.

Both models cater to the needs of small to medium size businesses and classroom applications with a wide range of input connectors, selectable picture modes and low fan noise level of 29dB. They come equipped with a short focal-length lens that allows users to enjoy a large 80-inch screen from a short distance of approximately 2.3 meters in small conference rooms or classrooms.

The projectors are compatible with a variety of input signals, ranging from standard definition to high definition. They also accept computer signals from VGA up to SXGA+ (1400x1050). The projectors are ready to display presentations or video images approximately 4 seconds<sup>1</sup> after turning on the power. A new power saving mode is added to make the projectors more environmental friendly.

The projectors offer seven picture modes that include a new “Natural Mode” to adjust pure white image in a bright room. The other six picture modes – Dynamic, Standard, Game,

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<sup>1</sup> The startup time may vary depending on lamp condition.

Living, Cinema and Presentation – offer optimum picture performance no matter the projectors are connected to a PC, a DVD player or a game console.

The projectors feature a four-digit password authentication system to prevent unauthorized access. Other security functions include a control panel key lock, a security lock and a new security bar for connecting to an optional security wire. Other features include enhanced vertical keystone adjustment, digital zoom function (up to 4x), image freeze function, dynamic detail enhancer (DDE) for video signals, smart auto pixel alignment, and ceiling mount design<sup>2</sup>.

The VPL-ES4 is available in black and pearl white while the VPL-EX4 is in pearl white. The VPL-EX4 and VPL-ES4 will be available from the beginning of June 2007 at the suggested price of HK\$9,380 and HK\$7,780 respectively. For customer enquiries, please contact Sony product enquiry hotline at (852) 2909-1865.

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<sup>2</sup> An optional ceiling mount kit is required.

**Specifications of the VPL-EX4 and VPL-ES4 are as follows:**

<b>Model</b>		<b>VPL-EX4</b>	<b>VPL-ES4</b>
<b>OPTICAL</b>			
Projection System		3 LCD panels, 1 lens projection system	
Panel		Super high aperture 0.63-inch TFT LCD 2,359,296 pixels (786,432 pixels x 3)	Super high aperture 0.63-inch TFT LCD 1,440,000 pixels (480,000 pixels x 3)
Projection Lens		Zoom: 1.2 times F1.6 to 1.90 f=18.9 to 22.7mm	Zoom: 1.2 times F1.6 to 1.94 f=18.8 to 22.6mm
Lamp		165W UHP	
Screen Coverage		40 to 300 inches (viewable area measured diagonally)	
Throwing Distance		For 80-inch screen: 2.3 – 2.8m For 100-inch screen: 2.9 – 3.6m	
Light Output		2100 ANSI lm (lamp mode high) (standard: approx. 1500 ANSI lm)	2200 ANSI lm (lamp mode high) (standard: approx. 1500 ANSI lm)
<b>SIGNALS</b>			
Color System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Resolution	Video	750 TV lines	500 TV lines
	RGB	1024 × 768 pixels	800 x 600 pixels
Acceptable Signals	Computer	fH: 19-92kHz, fV: 48-92Hz (up to SXGA + 60Hz)	
	Video	15kHz RGB/ Component 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 575/50i, 1080/60i, 480/60p, 575/50p, 1080/50i, 720/60p, 720/50p), Composite video, Y/C video	
Speaker		Mono 1W (max.) x 1	
<b>INPUT/ OUTPUT</b>			
Input	RGB/ Component	Analog RGB, HD D-sub 15 pin x 1 (Input A)	
	RGB	Analog RGB, HD D-sub 15 pin x 1 (Input B)	-
	S Video	Mini DIN 4 pin x 1	
	Composite	RCA pin x 1	
	Audio	Mono (stereo mini jack x 2)	Mono (stereo mini jack x 1)
Output	RGB	HD D-sub 15 pin × 1	
	Audio	Stereo mini jack x 1	
Remote In/ Out	RS-232C	D sub 9-pin	
<b>GENERAL</b>			
Power Consumption	Max	220W	
	Standby	2.3W	
Fan Noise		29dB	
Image Flip		H/ V/ HV	
OSD (language)		15	
Dimensions (W×H×D)		308 × 98 × 267mm	
Weight		Approx. 3kg	