



VPL-E200 Series

Data Projectors

VPL-EW275 VPL-EW245 VPL-EW225
VPL-EX275 VPL-EX245 VPL-EX225



BrightEra™

HDMI®

Good TCO, Energy-efficient Design and Operational Convenience

The VPL-E200 Series delivers a full range of brightness options to meet virtually many types of education or business projection environments

The Sony VPL-E200 Series data projectors are designed for optimum energy efficiency, and ease of use. Features such as the Auto Power Saving function with lamp control technology and long-lasting lamp contribute to the energy saving design. Additionally a variety of network functions such as Web Control and Network Presentation can be performed. Rich inputs and outputs are also provided, to suit a broad range of applications. The VPL-EW275, VPL-EW245, and VPL-EW225 present clear and dynamic images in native WXGA resolution on a widescreen with high brightness (up to 3700 lumens¹), while the VPL-EX275, VPL-EX245, and VPL-EX225 provide high picture quality in native XGA resolution, also with up to 3700 lumens brightness.² Delivering superb images along with simple operation, the Sony VPL-E200 Series projectors provide an excellent balance between quality and cost, ideal for use in education or business.

¹ ISO 2118

² VPL-EW275, and VPL-EX275: 3700 lumens; VPL-EX245: 3200 lumens; VPL-EW245: 3100 lumens; VPL-EX225: 2700 lumens; VPL-EW225: 2600 lumens.

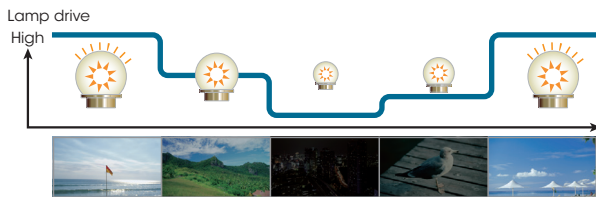
FEATURES

Good TCO, Energy-efficient Design

Auto Power Saving Function

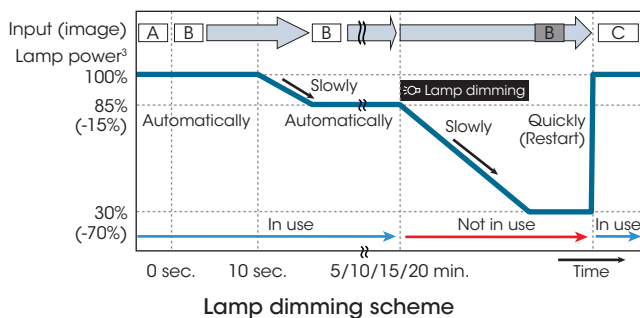
• Auto Mode (Auto Brightness Adjustment Function)

The brightness of the lamp's output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption. When showing darker images that don't require high brightness, lamp output decreases.



• Lamp Dimming Function

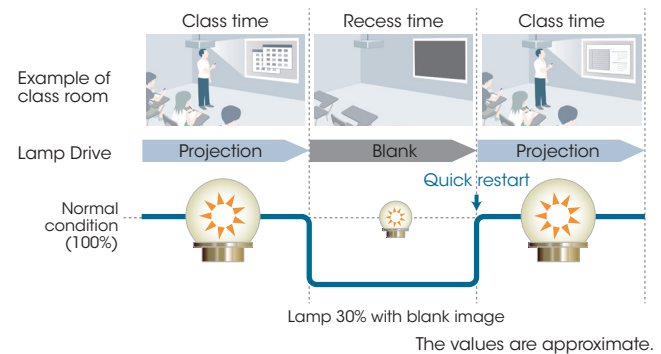
The VPL-E200 Series projectors are equipped with a lamp dimming function. After 10 seconds of a static signal feed, the lamp dims by approximately 15% (lamp mode condition: high) which is hardly noticeable. If one of these projectors is left powered on while not in use, after a set period of time it will automatically detect no change of signal input and will dim the lamp to as low as approximately 30% of original brightness to significantly reduce energy consumption.



³ Lamp high mode. The values are approximate.

• Blank

The VPL-E200 Series projectors can temporarily disable video signal output. This function can be easily operated with just the touch of a button on the supplied Remote Commander™ unit. In addition, this function allows blank image projection with low power consumption using lamp control technology.



The values are approximate.

Energy Saving Design

The VPL-E200 Series projectors offer remarkably low power consumption, helping to save electricity expenses.

ECO MODE Key

With a single push of the ECO MODE key on either the projector or the supplied Remote Commander unit, users can select an energy-saving setting from the ECO Mode menu.

Long-lasting Lamp

By incorporating a high-performance lamp and advanced lamp-control technology, the VPL-E200 Series projectors deliver an extremely long lamp replacement time of up to 7,000 hours.⁴

⁴ Approximate period, in low mode. Actual performance varies based on settings, environmental conditions, and usage.

Lamp and Filter Synchronized Maintenance

The expected lamp maintenance time for each model can reach up to 7,000 hours depending on the selected lamp mode, and dust filters require the same maintenance interval. Synchronizing the timing of lamp and filter maintenance enables users to reduce the number of "ladder climbs" for maintenance.

A Variety of Network Functions – Via LAN Cable or Wirelessly

Web Control

When VPL-E200 Series projectors are installed in a local area network (LAN), their versatile network functions are available to any PC on that network. Installation can be via a LAN cable, and there is no need to install any additional network software on the PC.

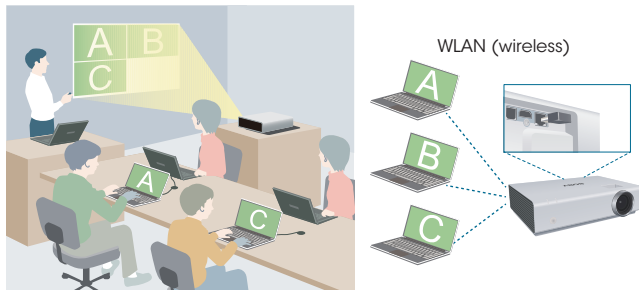
Network Presentation

When VPL-E200 Series projectors are installed on a LAN, presentations can be projected from any PC on the network – whether connected via a LAN cable or wirelessly.⁵

⁵ Requires IFU-WLM3 sold separately.

Up to four users can project PC images simultaneously; up to eight users* can connect to one projector.

* Up to seven users for wireless.

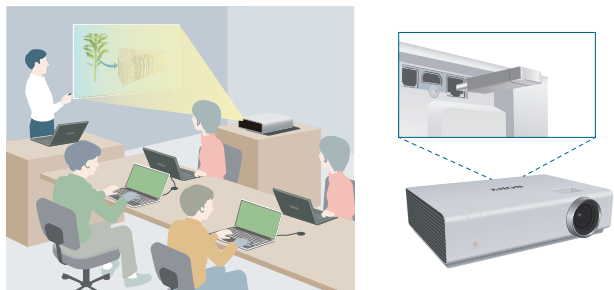


USB Media Viewer

By attaching a USB memory device⁶ to the VPL-E200 Series USB connector, the operator can directly project data files stored on the USB memory device.

Supported file formats are JPG, BMP, PNG, TIF, and GIF.

⁶ USB memory device is not included.



Creston Connected certified

The VPL-E200 Series projectors shipping from Sony in Oct 2012 are planned to be compatible with Crestron Connected control and management system. Crestron Connected provides control capability over an IT network without custom programming or a control processor.

Broad Range of Applications

Convenient, Simple Projector Adjustment

The projectors' 1.6x* flexible standard zoom lens allows the projector to fit wide range of installations, and simplifies replacement of an existing projector.

* The VPL-EW225 and VPL-EX245 are 1.3x zoom projectors.

Throw ratio*	1.0:1	1.5:1	2.0:1
VPL-EW275 (1.6x)	1.10:1	1.79:1	
VPL-EW225/EX225 (1.3x)		1.37:1	1.80:1
VPL-EW245/EX275/EX245 (1.6x)		1.40:1	2.27:1

1.5:1–1.8:1: Typical 1.2x compact projectors throw ratio

* Throw distance=Throw ratio x Screen width. The values are approximate.

Multiple Inputs & Outputs

VPL-E200 Series projectors include a high wattage speaker (16 W) and a variety of interfaces (2xRGB, HDMI, S-Video, RS-232C, RJ-45, USB Type-A, USB Type-B, and Microphone inputs) that accept a wide variety of inputs signals, greatly expanding system connection possibilities.

Superb Picture Quality

Brilliant Color Performance

The VPL-E200 Series projectors adopt a 3LCD projection system incorporating three LCD panels. This system enables each projector to present bright and natural images. By combining an advanced generation of inorganic LCD panels that utilize the Sony BrightEra™ technology with a 3LCD projection system, the VPL-E200 Series projectors offer high picture quality and brightness.

12-bit 3D Gamma Correction

The VPL-E200 Series projectors incorporate 12-bit 3D gamma correction circuitry to perform highly accurate gamma correction, achieving smoother gradations and a richer gray scale.

Other Features

Closed Captioning

Official teletext broadcasting, developed by the NCI, USA

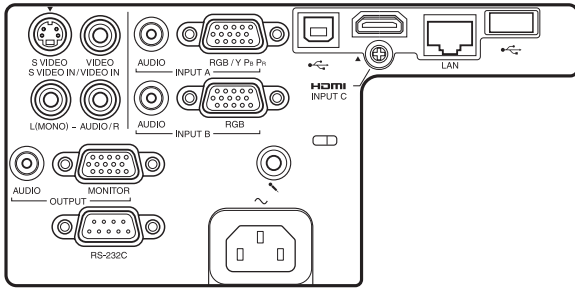
Network and Control

Controls and monitors projector status
Compatible with various control systems

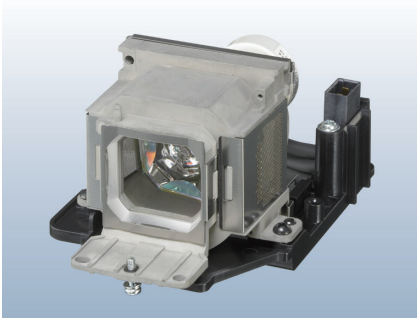


CONNECTOR PANELS

VPL-EW275 / VPL-EW245 / VPL-EW225
 VPL-EX275 / VPL-EX245 / VPL-EX225



OPTIONAL ACCESSORIES



LMP-E212
 Projector Lamp (for replacement)

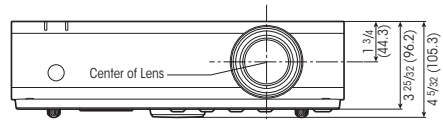


IFU-WLM3
 USB wireless LAN module

DIMENSIONS

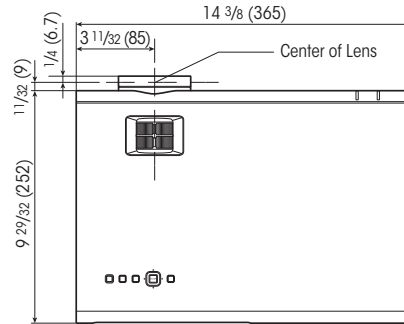
Unit: inches (mm)

Front

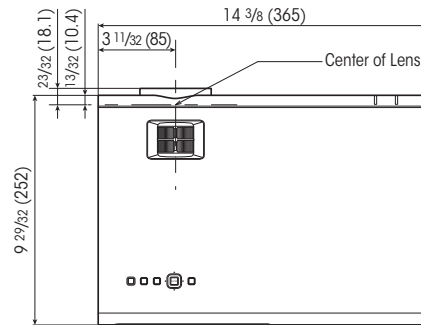


Top

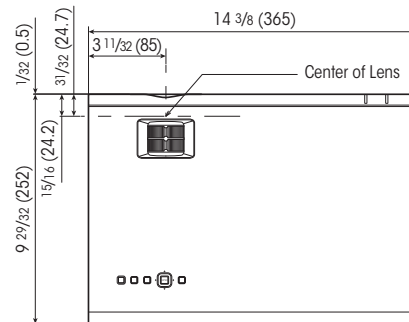
VPL-EW275



VPL-EW245 / VPL-EX275 / VPL-EX245



VPL-EX225 / VPL-EX225



SPECIFICATIONS

		VPL-EW275	VPL-EW245	VPL-EW225	VPL-EX275	VPL-EX245	VPL-EX225
Display system		3 LCD system					
Display device	Size of effective display area	0.75" (19 mm) x 3 BrightEra™ Aspect ratio: 16:10	0.59" (15 mm) x 3 BrightEra Aspect ratio: 16:10		0.63" (16 mm) x 3 BrightEra Aspect ratio: 4:3		
	Number of pixels	3,072,000 (1280 x 800 x 3) pixels			2,359,296 (1024 x 768 x 3) pixels		
Projection lens	Zoom	Optical: Manual (Approx. x 1.6)		Optical: Manual (Approx. x 1.3)	Optical: Manual (Approx. x 1.6)		Optical: Manual (Approx. x 1.3)
	Focus	Manual					
	Throw ratio	1.10:1 to 1.79:1	1.40:1 to 2.27:1	1.37:1 to 1.80:1	1.40:1 to 2.27:1		1.37:1 to 1.80:1
Light source		Ultra high pressure mercury lamp 210 W type					
Recommended lamp replacement time*1		3000 H / 5000 H / 7000 H (Lamp mode: High / Standard / Low)					
Filter cleaning cycle*1		Max. 7000 H. Same time as the lamp replacement is recommended					
Screen size		30" to 300" (0.76 m to 7.62 m)					
Light output (Lamp mode: High / Standard / Low)		3700 lm / 2800 lm*2 / 2100 lm*2	3100 lm / 2000 lm*2 / 1600 lm*2	2600 lm / 1900 lm*2 / 1500 lm*2	3700 lm / 2700 lm*2 / 2100 lm*2	3200 lm / 2200 lm*2 / 1700 lm*2	2700 lm / 2100 lm*2 / 1600 lm*2
	Color light output (Lamp mode: High / Standard / Low)	3700 lm / 2800 lm*2 / 2100 lm*2	3100 lm / 2000 lm*2 / 1600 lm*2	2600 lm / 1900 lm*2 / 1500 lm*2	3700 lm / 2700 lm*2 / 2100 lm*2	3200 lm / 2200 lm*2 / 1700 lm*2	2700 lm / 2100 lm*2 / 1600 lm*2
Contrast ratio (full white / full black)*3		3000:1		2300:1		3000:1	
Displayable scanning frequency	Horizontal	19 kHz to 92 kHz					
	Vertical	48 Hz to 92 Hz					
Display resolution	Computer signal input	Maximum display resolution: UXGA 1600 x 1200 dots*4 Panel display resolution: 1280 x 800 dots				Panel display resolution: 1024 x 768 dots	
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p					
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N					
Keystone correction		Vertical: Max. +/- 20 degrees			Vertical: Max. +/- 30 degrees		
OSD language		23-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi, Finnish*7, Indonesian*7, Hungary*7)					
Computer and video signal input/output	INPUT A	RGB / Y Pb Pr input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack					
	INPUT B	RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack					
	INPUT C	HDMI® input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support					
	S VIDEO IN	S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN)					
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN)					
	OUTPUT	Monitor output connector*5: Mini D-sub 15-pin (female), Audio output connector*6: Stereo mini jack (variable out)					
Control signal input/output, Others		RS-232C connector: D-sub 9-pin (male) LAN connector: RJ-45, 10BASE-T/100BASE-TX USB: Type-A, Type-B Microphone input: Mini jack					
Speaker		16 W x 1 (monaural)					
Operating temperature (Operating humidity)		32°F to 104°F to 40°C (35% to 85%; no condensation)					
Storage temperature (Storage humidity)		-4°F to +140°F / -20°C to +60°C (10% to 90%)					
Power requirements		AC 100 to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 3.2 A to 1.3 A, 50 Hz / 60 Hz	AC 100 to 240 V, 2.9 A to 1.2 A, 50 Hz / 60 Hz	AC 100 to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz	AC 100 to 240 V, 3.2 A to 1.3 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 3.0 A to 1.2 A, 50 Hz / 60 Hz
Power consumption (Lamp mode: High / Standard / Low)	AC 100 V to 120 V	303 W / 256 W*2 / 226 W*2	311 W / 255 W*2 / 226 W*2	287 W / 251 W*2 / 228 W*2	306 W / 256 W*2 / 226 W*2	315 W / 254 W*2 / 225 W*2	293 W / 257 W*2 / 228 W*2
	AC 220 V to 240 V	294 W / 247 W*2 / 218 W*2	299 W / 246 W*2 / 218 W*2	277 W / 242 W*2 / 218 W*2	298 W / 249 W*2 / 220 W*2	305 W / 248 W*2 / 220 W*2	285 W / 250 W*2 / 222 W*2
Standby mode power consumption (Standby mode: Standard / Low)	AC 100 V to 120 V	5.9 W / 0.1 W					
	AC 220 V to 240 V	5.9 W / <0.2 W					
Heat dissipation	AC 100 V to 120 V	1034 BTU	1061 BTU	980 BTU	1044 BTU	1075 BTU	1000 BTU
	AC 220 V to 240 V	1003 BTU	1020 BTU	945 BTU	1017 BTU	1041 BTU	973 BTU
Outside dimensions		W 14 3/8 x H 3 25/32 x D 9 29/32 inches (W 365 x H 96.2 x D 252 mm) (without protrusions)					
Weight		9 lb 1 oz / 4.1 kg	8 lb 9 oz / 3.9 kg	8 lb 8 oz / 3.9 kg	8 lb 11 oz / 4 kg	3.9 kg / 8 lb 8 oz	
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Mini D-sub 15-pin cable (1), Projector Station for Network Presentation application (CD-ROM) (1)					
Replacement lamp		LMP-E212					

*1 Expected maintenance time not guaranteed. Lamp and filter performance will vary based on operating environment and use.

*2 These values are estimate.

*3 This value is average.

*4 Available for the VESA Reduced Blanking signal.

*5 Not available in standby. From INPUT A and INPUT B.

*6 Works as an audio switcher function. Output from a selected channel; not available in standby.

*7 Will be applied.

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The values for mass and dimension are approximate.

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