

# SONY

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## Eco innovations designed to save the world for the next generation

### D - Series & E - Series Data Projectors



## VPL - D Series

WXGA VPL-DW125, VPL-DW120

XGA VPL-DX145, VPL-DX140,  
VPL-DX125, VPL-DX120,  
VPL-DX100

## VPL - E Series

WXGA VPL-EW275, VPL-EW245,  
VPL-EW225

XGA VPL-EX275, VPL-EX271,  
VPL-EX245, VPL-EX241,  
VPL-EX225, VPL-EX221



BrightEra

HDMI



# VPL - DX/DW Series

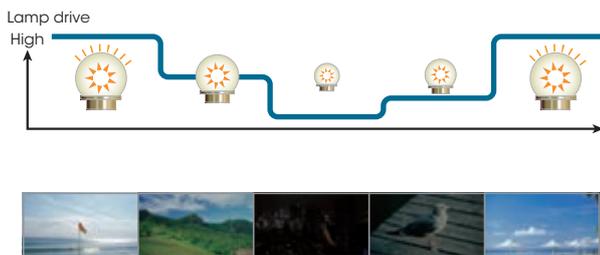
## Full-featured ultraportable

## Good TCO, Energy-efficient Design and Operational Convenience

The VPL - D Series and VPL - E Series delivers a full range of brightness options to meet virtually any type of education or business projection environment

### • Auto Mode (Auto Brightness Adjustment Function)

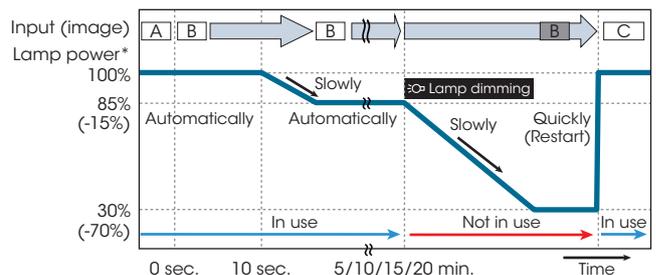
The brightness of the lamp's output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption. When showing darker images that don't require high brightness, lamp output decreases.



### • Lamp Dimming Function

The VPL - D Series and VPL - E Series projectors are equipped with a lamp dimming function. After 10 seconds of a static signal feed, the lamp dims by approximate 15% 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 approximate 30% of original brightness to significantly reduce energy consumption.



Lamp dimming scheme

\* Lamp high mode. The values are approximate.



# VPL - EX/EW Series

## Energy and cost efficient

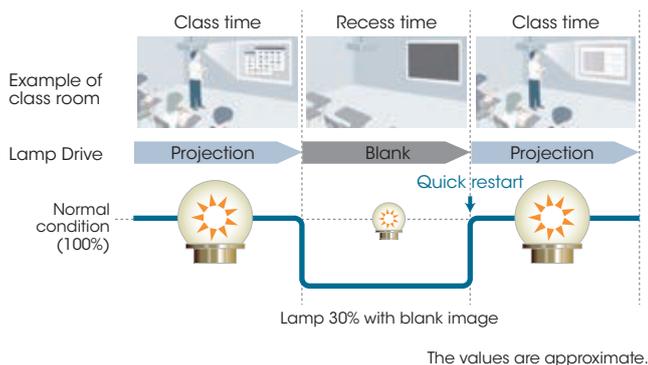
Sony's VPL - D Series and VPL - E Series data projectors are economically designed for optimum energy efficiency, thanks to their Auto Power Saving function with lamp control technology, energy saving design, and long-lasting lamp. Additionally a variety of network functions such as Web Control and Network Presentation can be performed. Rich inputs and outputs are provided, to suit a broad range of applications.

The VPL - D Series and VPL - E Series models with native WXGA resolution, can present clear and dynamic images on a widescreen with high brightness (up to 3,200 lumens for D - Series and 3,700 lumens for E - Series), while the models with high picture quality in native XGA resolution can also present up to similar high brightness.

Delivering superb images along with simple operation, Sony's VPL - D Series and VPL - E Series projectors provide an excellent balance between quality and cost, ideal for use in education or business.

### • Blank

The VPL - D Series and VPL - E 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.



### Energy Saving design

The VPL - D Series and VPL - E Series projectors offer remarkably low power consumption, allowing users to make significant savings on their 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 - D Series and VPL - E Series projectors deliver an extremely long lamp replacement time of 7,000 hours. (Approximate recommended period, in low mode.)

### Lamp and Filter

#### Synchronized Maintenance Available on VPL - E Series Only

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 numbers of "ladder climbs" for maintenance.

## A Variety of Network Functions

- Via LAN Cable or Wirelessly

### Web Control

When VPL - D Series and VPL - E 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.

\* Available on All VPL - E Series, VPL-DW125, VPL-DX145, & VPL-DX125.

### Network Presentation

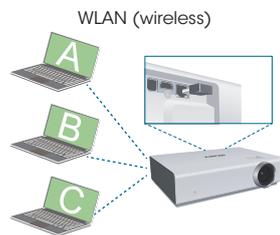
When VPL - D Series and VPL - E Series\*1 projectors are installed on a LAN, presentations can be projected from any PC on the network - whether connected via a LAN cable or wirelessly.\*2

Up to four users can project PC images simultaneously; up to eight users\*3 can connect to one projector.

\*1 Available on All VPL - E Series, VPL-DW125, VPL-DX145, & VPL-DX125.

\*2 IFU-WLM3 dongle is required. For VPL - D Series, it is included. For VPL - E Series, the dongle is an optional accessory.

\*3 For both models, up to seven users for wireless.



### USB Media Viewer

By attaching a USB memory device\*1 to the VPL - D Series and VPL - E Series\*2 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.

\*1 USB memory device is not included.

\*2 Available on All VPL - E Series, VPL-DW125, VPL-DX145, & VPL-DX125.



## Broad Range of Applications Available on VPL - E Series Only

### 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-EX221 is a 1.2x zoom projector; the VPL-EW225, VPL-EX241, 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/EX241/EX225 (1.3x)	1.37:1	1.80:1	
VPL-EW245/EX275/EX271/EX245 (1.6x)	1.40:1	2.27:1	
VPL-EX221 (1.2x)	1.47:1	1.77:1	

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

The VPL - D Series come with 1W speaker and interfaces include RGB, HDMI, RJ-45, USB Type-A, USB Type-B\*1.

The VPL - E Series projectors include a high wattage speaker (16W)\*2 and a variety of interfaces including 2xRGB, HDMI, S-Video, RS-232C, RJ-45, USB Type-A, USB Type-B and Microphone inputs\*2.

Both series accept a wide variety of inputs signals, greatly expanding system connection possibilities.

\*1 Available on VPL-DW125, VPL-DX145, & VPL-DX125.

\*2 Available on VPL-EW275, VPL-EW245, VPL-EW225, VPL-EX275, VPL-EX245, & VPL-EX225.

## Superb Picture Quality

### Brilliant Color Performance

The VPL - D Series and VPL - E 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 Sony's BrightEra™ technology with a 3LCD projection system, the projectors offer high picture quality and brightness.

### 12-bit 3D Gamma Correction

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

### Film mode

Smooth, high-quality images are reproduced using a high-performance processor for I/P conversion. Source signals suitable I/P conversion are processed automatically, and extremely accurate images are reproduced.

## 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.



# VPL - DX/DW Series

## CONNECTOR PANELS

VPL-DW125 / VPL-DX145 / VPL-DX125



VPL-DW120 / VPL-DX140 / VPL-DX120 / VPL-DX100



## OPTIONAL ACCESSORIES

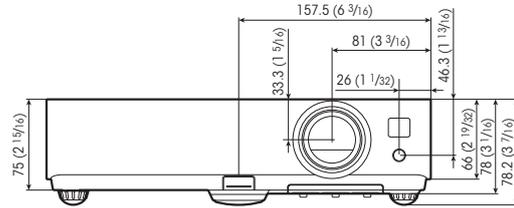


**LMP-D213**  
Projector Lamp (for replacement)

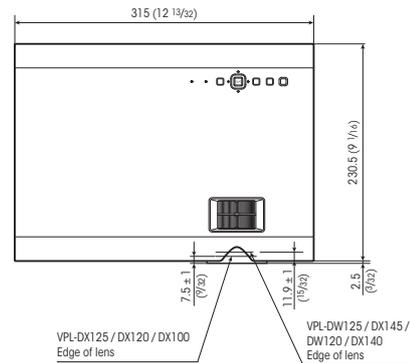
## DIMENSIONS Unit: mm (inches)

VPL-DW125 / VPL-DX145 / VPL-DX125  
VPL-DW120 / VPL-DX140 / VPL-DX120 / VPL-DX100

Front



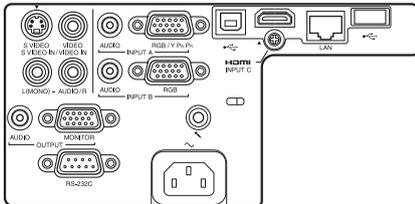
Top



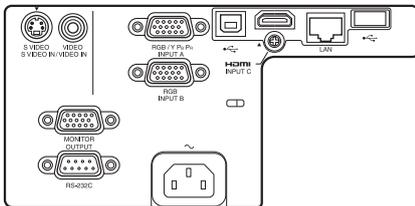
# VPL - EX/EW Series

## CONNECTOR PANELS

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

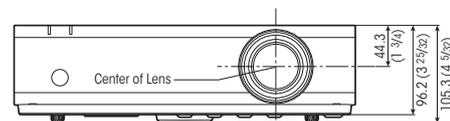


VPL-EX271 / VPL-EX241 / VPL-EX221

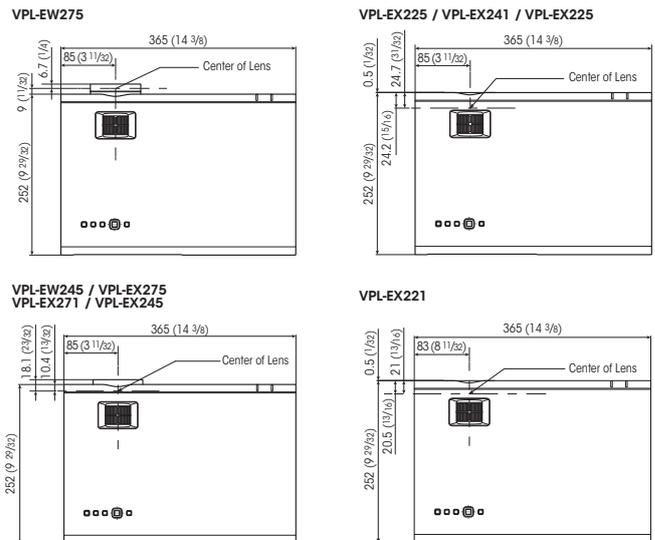


## DIMENSIONS Unit: mm (inches)

Front



Top



## OPTIONAL ACCESSORIES



**LMP-E212**  
Projector Lamp (for replacement)



**IFU-WLM3**  
USB wireless LAN module

# VPL - D SERIES SPECIFICATIONS

		VPL-DW125	VPL-DX145	VPL-DX125	VPL-DW120	VPL-DX140	VPL-DX120	VPL-DX100	
Display system		3 LCD system							
Display device	Size of effective display area	0.59" (15 mm) x 3 BrightEra Aspect ratio: 16:10	0.63" (16 mm) x 3 BrightEra Aspect ratio: 4:3	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	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 1.3)		Optical: Manual (Approx. x 1.2)	Optical: Manual (Approx. x 1.3)		Optical: Manual (Approx. x 1.2)		
	Focus	Manual							
	Throw ratio	1.44:1 to 1.87:1	1.37:1 to 1.80:1	1.47:1 to 1.77:1	1.44:1 to 1.87:1	1.37:1 to 1.80:1	1.47:1 to 1.77:1		
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. 1000 H							
Screen size		30" to 300" (0.76 m to 7.62 m)							
Light output (Lamp mode: High / Standard / Low)		2600 lm / 1900 lm <sup>2</sup> / 1500 lm <sup>2</sup>	3200 lm / 2300 lm <sup>2</sup> / 1900 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1700 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1500 lm <sup>2</sup>	3200 lm / 2300 lm <sup>2</sup> / 1900 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1700 lm <sup>2</sup>	2300 lm / 1800 lm <sup>2</sup> / 1500 lm <sup>2</sup>	
	Color light output (Lamp mode: High / Standard / Low)	2600 lm / 1900 lm <sup>2</sup> / 1500 lm <sup>2</sup>	3200 lm / 2300 lm <sup>2</sup> / 1900 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1700 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1500 lm <sup>2</sup>	3200 lm / 2300 lm <sup>2</sup> / 1900 lm <sup>2</sup>	2600 lm / 1900 lm <sup>2</sup> / 1700 lm <sup>2</sup>	2300 lm / 1800 lm <sup>2</sup> / 1500 lm <sup>2</sup>	
Contrast ratio (full white / full black)*3		2500:1							
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz							
	Vertical	48 Hz to 92 Hz							
Display resolution	Computer signal input	Maximum display resolution: UXGA 1600 x 1200 dots*4							
	Video signal input	Panel display resolution: 1280 x 800 dots	Panel display resolution: 1024 x 768 dots	Panel display resolution: 1280 x 800 dots	Panel display resolution: 1024 x 768 dots				
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N							
Keystone correction		Max. Vertical: +/- 20 degrees	Max. Vertical: +/- 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*5 Indonesian*5, Hungary*5)							
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 (shared with VIDEO IN)							
	INPUT B	HDMI input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support							
	VIDEO IN	Video input connector: Pin jack Audio input connector: Shared with INPUT A							
Control signal input/output, Others		LAN connector: RJ-45, 10BASE-T/100BASE-TX USB: Type-A, Type-B			-				
Speaker		1 W x 1 (monaural)							
Operating temperature (Operating humidity)		0°C to 35°C / 32°F to 95°F (20% to 80%; no condensation)							
Storage temperature (Storage humidity)		-10°C to +60°C / 14°F to +140°F (20% to 80%; no condensation)							
Power requirements		AC 100 to 240 V, 3.0 A to 1.2 A, 50 Hz / 60 Hz				AC 100 to 240 V, 2.9 A to 1.2 A, 50 Hz / 60 Hz			
Power consumption (Lamp mode: High / Standard / Low)	AC 100 V to 120 V	294 W / 223 W <sup>2</sup> / 197 W <sup>2</sup>	291 W / 229 W <sup>2</sup> / 199 W <sup>2</sup>	290 W / 229 W <sup>2</sup> / 205 W <sup>2</sup>	273 W / 226 W <sup>2</sup> / 193 W <sup>2</sup>	283 W / 226 W <sup>2</sup> / 192 W <sup>2</sup>	282 W / 227 W <sup>2</sup> / 193 W <sup>2</sup>	275 W / 228 W <sup>2</sup> / 195 W <sup>2</sup>	
	AC 220 V to 240 V	280 W / 217 W <sup>2</sup> / 192 W <sup>2</sup>	279 W / 223 W <sup>2</sup> / 194 W <sup>2</sup>	278 W / 221 W <sup>2</sup> / 198 W <sup>2</sup>	262 W / 220 W <sup>2</sup> / 187 W <sup>2</sup>	269 W / 218 W <sup>2</sup> / 186 W <sup>2</sup>	270 W / 219 W <sup>2</sup> / 187 W <sup>2</sup>	263 W / 221 W <sup>2</sup> / 189 W <sup>2</sup>	
Standby mode power consumption	AC 100 V to 120 V	5.7 W / 0.4 W (Standby mode: Standard / Low)				<0.5 W			
	AC 220 V to 240 V	5.9 W / 0.5 W (Standby mode: Standard / Low)				<0.5 W			
Heat dissipation	AC 100 V to 120 V	1004 BTU	992 BTU	991 BTU	931 BTU	966 BTU	964 BTU	938 BTU	
	AC 220 V to 240 V	956 BTU	951 BTU	949 BTU	893 BTU	920 BTU	920 BTU	898 BTU	
Outside dimensions		W 315 x H 75 x D 230.5 mm (W 12 13/32 x H 2 15/16 x D 9 1/16 inches) (without protrusions)			W 315 x H 75 x D 230.5 mm (W 12 13/32 x H 2 15/16 x D 9 1/16 inches) (without protrusions)				
Mass		2.6 kg / 5 lb 12 oz			2.5 kg / 5 lb 7 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), Lens cap (1)							
		Carrying case (1), Projector Station for Network, Presentation application (CDROM) (1), IFU-WLM3 USB wireless LAN module (1)				Carrying case (1)		-	
Replacement lamp		LMP-D213							

\*1 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

\*2 The values are estimate.

\*3 This value is average.

\*4 Available for the VESA Reduced Blanking signal.

\*5 Will be applied.

# VPL - E SERIES SPECIFICATIONS

		VPL-EW275	VPL-EW245	VPL-EW225	VPL-EX275	VPL-EX245	VPL-EX225	VPL-EX271	VPL-EX241	VPL-EX221
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			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			2,359,296 (1024 x 768 x 3) pixels		
Projection lens	Zoom	Optical: Manual (Approx. x 1.6) Digital: x4		Optical: Manual (Approx. x 1.3) Digital: x4	Optical: Manual (Approx. x 1.6) Digital: x4		Optical: Manual (Approx. x 1.3) Digital: x4	Optical: Manual (Approx. x 1.6) Digital: x4	Optical: Manual (Approx. x 1.3) Digital: x4	Optical: Manual (Approx. x 1.2) Digital: x4
	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	1.40:1 to 2.27:1	1.37:1 to 1.80:1	1.47:1 to 1.77:1
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	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	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			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								
	Video signal input	Panel display resolution: 1280 x 800 dots				Panel display resolution: 1024 x 768 dots				
Color system		NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p								
Keystone correction		Max. Vertical: +/- 20 degrees			Max. Vertical: +/- 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, Hungarian*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						RGB / Y Pb Pr input connector: Mini D-sub 15-pin (female)		
	INPUT B	RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack						RGB input connector: Mini D-sub 15-pin (female)		
	INPUT C	HDMI input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support						HDMI input connector: HDMI 19-pin, HDCP support		
	S VIDEO IN	S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN)						S video input connector: Mini DIN 4-pin		
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN)						Video input connector: Pin jack		
	OUTPUT	Monitor output connector*5: Mini D-sub 15-pin (female), Audio output connector*6: Stereo mini jack (variable out)						Monitor output connector*5: Mini D-sub 15-pin (female)		
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						RS-232C connector: D-sub 9-pin (male) LAN connector: RJ-45, 10BASE-T/100BASE-TX USB: Type-A, Type-B		
Speaker		16 W x 1 (monaural)								
Operating temperature (Operating humidity)		0°C to 40°C / 32°F to 104°F (35% to 85%; no condensation)								
Storage temperature (Storage humidity)		-20°C to +60°C / -4°F to +140°F (10% to 90%)								
Power requirements		AC 100 to 240V, 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	AC 100 to 240 V, 2.8 A to 1.2 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 2.7 A to 1.2 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 2.7 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	276 W / 225 W*2 / 196 W*2	273 W / 224 W*2 / 194 W*2	268 W / 224 W*2 / 194 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	268 W / 218 W*2 / 189 W*2	265 W / 216 W*2 / 188 W*2	261 W / 216 W*2 / 188 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	942 BTU	932 BTU	915 BTU
	AC 220 V to 240 V	1003 BTU	1020 BTU	945 BTU	1017 BTU	1041 BTU	973 BTU	915 BTU	904 BTU	891 BTU
Outside dimensions		W 365 x H 96.2 x D 252 mm (W 14 3/8 x H 3 25/32 x D 9 29/32 inches) (without protrusions)								
Mass (without wall mount)		4.1 kg / 9 lb 1 oz	3.9 kg / 8 lb 9 oz	3.9 kg / 8 lb 8 oz	4 kg / 8 lb 11 oz	3.9 kg / 8 lb 8 oz	3.8 kg / 8 lb 6 oz	3.8 kg / 8 lb 6 oz	3.8 kg / 8 lb 4 oz	3.8 kg / 8 lb 4 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 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used. \*2 The 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.

**Q** Can these new models work with network presentation?

**A** Yes, for selected models\*<sup>1</sup> presentations can be projected from any PC on the network – whether connected via LAN cable or wirelessly.\*<sup>2</sup> Up to four users can project PC images simultaneously and up to eight users\*<sup>3</sup> can connect on one projector.

**Q** Why the new models are more energy saving?

**A** They come with these energy efficient features :

- ✓ **Eco Mode Key**  
Users can easily select power-saving Eco Modes. The most energy-efficient mode is accessible through a single button-push and further adjustments are available through an easily understood menu system.
- ✓ **ECO Lamp Dimming**  
Reduce power consumption without user detection or after a user pre-set time, reduce brightness and power consumption up to 30% power usage for ultimate power eco saving.
- ✓ **Auto Dimming Mode**  
Adjust brightness depending on picture, The darker the picture, the less energy used by the lamp. (Max 70% Lamp power reduction based on image).
- ✓ **ECO Picture Mute – (Instant off / Instant On)**  
New Picture Mute reduced power consumption down to 30% power usage, saving cost and lamp hours. No need to power complete off and turn back on that does increase power consumption and time consuming.

✓ **Eco Gauge**

At time of projector shut down an ECO achievement indication (gauge) appears to show the user how well they have used their projector. The more Eco features used, the better the ECO green leaf mark. (Calculated by use of Eco Functions and actual lamp wattage)

**Q** What technology prolongs the lifespan of your projectors?

**A** In the latest lamp technology, the new driving scheme reduces gap expansion that reduces brightness gradation and a new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding. Hence delivering an extremely long lamp replacement time of 7000 hours\*<sup>4</sup>, which is highest in its category. If your projector is in storage, please turn it on every month for 20 minutes to prolong the life span of your unit.

**Q** How to select correct projector for existing room size?

**A** Sony has developed an interactive tool – ‘Projector Simulator’ that helps you determine which projector is suitable. This tool is available in Google Play and iTunes App Store.



Search for "sony projection simulator" in Google Play



Search for "sony projection simulator" in iTunes App Store

\*<sup>1</sup> Available on All VPL – E Series, VPL-DW125, VPL-DX145, & VPL-DX125. \*<sup>2</sup> IFU-WLM3 dongle is required. For VPL – D Series, it is included. For VPL – E Series, the dongle is an optional accessory.  
\*<sup>3</sup> For both models, up to seven users for wireless. \*<sup>4</sup> Approximate recommended period in low mode.

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