E-400 Series

Ideal for education, these compact, energy efficient portable projectors offer excellent image quality plus affordable running costs.

Bright, high contrast images
• Fill classrooms and meeting rooms with bright, detail-packed images. High 20,000:1 contrast ratio ensures crisp, images and text that stand out in any environment.

Wider connectivity options
• Project from a networked computer, or present wirelessly from laptops, tablets and smartphones.
• Dual HDMI ports for standard and latest wireless adaptors and direct USB display connection.

Affordable ownership costs
• Smart energy-saving features plus up to 10,000 hours lamp replacement intervals contribute to low ownership costs and reduced maintenance.

PrimeSupportPro
PrimeSupportElite

Our **PrimeSupportPro** and **PrimeSupportElite** packages go beyond standard levels of warranty with varying support options either at no extra cost or optional upgrade. **PrimeSupportPro** gives you free initial access to expert technical assistance from our multilingual helpdesk while optional **PrimeSupportElite** upgrades go further with our fast-track repair service and – depending on your product - a replacement loan unit†. Both packages include free shipping and no hidden costs so we'll always keep you up and running.

	PrimeSupportPro			PrimeSupportElite	
Service reference	Included Service PS.VPLB3.123.L3		PS.VPL.SESERIES.2Y	PS.VPL.SESERIES.3YL	PS.VPL.SESERIES.5YL
Scope of support	Projector	Lamp		Projector	
Duration	3 years	3 years or 3000 h	+2 years (Total 5 years)	3 years repair & loan	+2 years repair extension & 5 years loan product

E-400 Series   Optional Accessories

IFU-WLM3
USB wireless module

LMP-E221
Replacement Projector Lamp

PAM-210
Ceiling mount

PAM-0.5M
Extension Poles

PAM-1.0M
Extension Poles

PAM-1.5M
Extension Poles

Oi/Android APP
Connect your devices to projectors via a WiFi network with the VueMagic™ app*

*Available to download until end of December 2017

		VPL-EW455	VPL-EW435	VPL-EX455	VPL-EX435
Display system		3 LCD system			
Display device	Size of effective display area	0.59"(15mm) x 3 BrightEra LCD Panel Aspect ratio 16:10		0.63"(16 mm) x 3 BrightEra LCD Panel Aspect ratio 4:3	
	Number of pixels	3,072,000 (1280x800 x 3) pixels		2,359,296 (1024x768 x 3) pixels	
Projection lens	Focus	Manual			
	Throw Ratio	1.37:1 to 1.80:1			1.47:1 to 1.77:1
Light source	Type / Wattage	Ultra high pressure mercury lamp 225W type			
Recommended lamp replacement time*1	Lamp mode: High	4,000 H			
	Lamp mode: Standard	6,000 H			
	Lamp mode: Low	10,000 H			
Filter cleaning / replacement cycle (Max.)*1		10,000 H			
Screen size		30" to 300" (0.76 m to 7.62 m)			
Light output*2	Lamp mode: High	3500 lm	3100 lm	3600 lm	3200 lm
	Lamp mode: Standard	2500 lm	2200 lm	2500 lm	2300 lm
	Lamp mode: Low	2100 lm	1900 lm	1900 lm	1800 lm
Colour light output*2	Lamp mode: High	3500 lm	3100 lm	3600 lm	3200 lm
	Lamp mode: Standard	2500 lm	2200 lm	2500 lm	2300 lm
	Lamp mode: Low	2100 lm	1900 lm	1900 lm	1800 lm
Contrast ratio (full white / full black)*3		20000:1 (SYQ) / 12000:1 (C1)			
Speaker		16W (monaural)			
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz			
	Vertical	48 Hz to 92 Hz			
Display resolution	Computer signal input	Maiximum display resolution: 1600 x 1200 dots, fV:60Hz			
	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			
Colour system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PALN, PAL60			
Keystone correction*4 (Max.) - Vertical		+/-20 degrees		+/-30 degrees	
OSD language		'27-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic ,Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Gleek,Czech,Slovakia,Romania)			
INPUT OUTPUT (Computer / Video /Control)	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 Dsub 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			
	INPUT D	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			
	VIDEO IN	Video input connector: Phono jack			
	OUTPUT	MONITOR output connector: Mini D-sub 15 pin female, Audio output connector: Stereo mini			
	Y PB/CB PR/CR	Component: Mini D-sub 15 pin female			
	REMOTE	D-sub 9-pin male/RS232C			
	LAN	RJ-45, 10BASE-T/100BASE-TX			
	USB	Type-A & Type-B			
	MICROPHONE IN	Microphone jack: Mini Jack			
Acoustic noise*5	Lamp mode: Low	29dB			
Operating temperature / Operating humidity		0°C to 40°C / 32°F to 104°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 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 3.2A to 1.4 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz	
Power consumption	AC 100 V to 120 V	332 W (High) 270 W (Standard) 233 W (Low)	318 W (High) 260 W (Standard) 232 W (Low)	333 W (High) 270 W (Standard) 233 W (Low)	
	AC 220 V to 240 V	319 W (High) 261 W (Standard) 225 W (Low)	306 W (High) 252 W (Standard) 226 W (Low)	320 W (High) 260 W (Standard) 225 W (Low)	
Power Consumption (Standby Mode)	AC 100 V to 120 V	0.50W (when "Standby mode" is set to "Low")			
	AC 220 V to 240 V	0.50W (when "Standby mode" is set to "Low")			
Power Consumption (Networked Standby Mode)	AC 100 V to 120 V	5.5W(LAN) / 6.0W (optional WLAN module) / 6.2W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")			
	AC 220 V to 240 V	5.8W(LAN) / 6.3W (optional WLAN module) / 6.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")			
Standby Mode / Networked Standby Mode Activated		Approx. 10 Minutes			
Wireless Network(s) On/Off Switch		Press the MENU button, then select [Connection/Power] > [WLAN Settings] > [WLAN Connection] > Select On or Off			
Heat dissipation	AC 100 V to 120 V	1133 BTU	1085 BTU	1136 BTU	
	AC 220 V to 240 V	1088 BTU	1044 BTU	1092 BTU	
Dimensions (W x H x D) (without protrusions)		Aprox. 365 x 96.2 x 252 mm (14 3/8 X3 25/32 X9 29/32 ")			
Mass		Approx. 3.9kg (8.6 lb)			
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operating Instructions (CDROM) (1), Quick Reference Manual (1) Lens cap (1)			
Optional Accessories		LMP-E221, IFU-WLM3 (WLAN module)			

*1 This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used. | *2 The values are estimate. | *3 The value is average. | *4 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction. | *5 The figures are approximate. They vary depending on the environment or how the projector is used.

For full product specifications and features please visit
pro.sony.eu/projectors-desktop

E-500 Series

These portable projectors fill larger rooms with bright, high-impact images. Smart features make the most of today's integrated AV/IT environments.

High brightness, high contrast images
- Fill larger classrooms and meeting rooms with powerful output up to 4300 lumen brightness. High 20,000:1 contrast ratio ensures crisp, images and text.

Wider connectivity options
- Project from a networked computer, or present wirelessly from laptops, tablets and smartphones.
- Dual HDMI ports for standard and latest wireless adaptors and direct USB display connection.

Affordable ownership costs
- Smart energy-saving features like Auto Mode and Lamp Dimming, plus up to 10,000 hours lamp replacement intervals contribute to low ownership costs and reduced maintenance.

PrimeSupport**Pro**
PrimeSupport**Elite**

Our **PrimeSupportPro** and **PrimeSupportElite** packages go beyond standard levels of warranty with varying support options either at no extra cost or optional upgrade. **PrimeSupportPro** gives you free initial access to expert technical assistance from our multilingual helpdesk while optional **PrimeSupportElite** upgrades go further with our fast-track repair service and – depending on your product - a replacement loan unit†. Both packages include free shipping and no hidden costs so we'll always keep you up and running.

	PrimeSupport**Pro**		PrimeSupport**Elite**	
Service reference	Included Service PS.VPLB3.123.L3		PS.VPL.SESERIES.2Y	PS.VPL.SESERIES.3YL	PS.VPL.SESERIES.5YL
Scope of support	Projector	Lamp	Projector		
Duration	3 years	3 years or 3000 h	+2 years (Total 5 years)	3 years repair & loan	+2 years repair extension & 5 years loan product

E-500 Series | Optional Accessories

IFU-WLM3
USB wireless module

LMP-E221
Replacement Projector Lamp

PAM-210
Ceiling mount

PAM-0.5M
Extension Poles

PAM-1.0M
Extension Poles

PAM-1.5M
Extension Poles

Oi/Android APP
Connect your devices to projectors via a WiFi network with the VueMagic™ app*

*Available to download until end of December 2017

		VPL-EW578	VPL-EW575	VPL-EX575	VPL-EX570
Display system		3 LCD system			
Display device	Size of effective display area	0.75"(19mm) x 3 BrightEra LCD Panel Aspect ratio 16:10		0.63"(16 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3	
	Number of pixels	3,072,000 (1280x800 x 3) pixels		2,359,296 (1024x768 x 3) pixels	
Projection lens	Focus	Manual			
	Throw Ratio	1.10:1 to 1.79:1		1.40:1 to 2.27:1	
Light source	Type / Wattage	Ultra high pressure mercury lamp 225W type			
Recommended lamp replacement time*1	Lamp mode: High	4,000 H			
	Lamp mode: Standard	6,000 H			
	Lamp mode: Low	10,000 H			
Filter cleaning / replacement cycle (Max.)*1		10,000 H			
Screen size		30" to 300" (0.76 m to 7.62 m)			
Light output*2	Lamp mode: High	4300 lm		4200 lm	
	Lamp mode: Standard	3200 lm		3000 lm	
	Lamp mode: Low	2400 lm		2300 lm	
Colour light output*2	Lamp mode: High	4300 lm		4200 lm	
	Lamp mode: Standard	3200 lm		3000 lm	
	Lamp mode: Low	2400 lm		2300 lm	
Contrast ratio (full white / full black)*3		20000:1(SYQ) 12000:1(C1)			
Speaker		16W (monaural)		-	
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz			
	Vertical	48 Hz to 92 Hz			
Display resolution	Computer signal input	Maiximum display resolution: 1600 x 1200 dots, fV:60Hz			
	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			
Colour system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N,PAL60			
Keystone correction*4 (Max.) - Vertical		+/-20 degrees		+/-30 degrees	
OSD language		'27-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic ,Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Gleek,Czech,Slovakia,Romania)			
INPUT OUTPUT (Computer / Video / Control)	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,
	INPUT D	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			
	VIDEO IN	Video input connector: Phono jack			
	OUTPUT	MONITOR output connector: Mini D-sub 15 pin female Audio output connector: Stereo mini			MONITOR output connector: Mini D-sub 15 pin female
	Y PB/CB PR/CR	Component: Mini D-sub 15 pin female			
	REMOTE	D-sub 9-pin male/RS232C			
	LAN	RJ45,100BASE-TX (Shared with HDBaseT)	RJ-45, 10BASE-T/100BASE-TX		
	USB	Type-A & Type-B			
	MICROPHONE IN	Microphone jack: Mini Jack			-
Acoustic noise*5	Lamp mode: Low	29dB			
Operating temperature / Operating humidity		0°C to 40°C / 32°F to 104°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 V to 240 V, 3.5 A to 1.5 A, 50 Hz / 60 Hz	AC 100 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz		AC 100 V to 240 V, 3.1 A to 1.4 A, 50 Hz / 60 Hz
Power consumption	AC 100 V to 120 V	344 W (High) 278 W (Standard) 241W (Low)	332 W (High) 270 W (Standard) 233 W (Low)	333 W (High) 270 W (Standard) 233 W (Low)	303 W (High) 240 W (Standard) 202 W (Low)
	AC 220 V to 240 V	328 W (High) 270 W (Standard) 234 W (Low)	319 W (High) 261 W (Standard) 225 W (Low)	320 W (High) 260 W (Standard) 225 W (Low)	291 W (High) 231 W (Standard) 197 W (Low)
Power Consumption (Standby Mode)	AC 100 V to 120 V	0.50W (when "Standby mode" is set to "Low")			
	AC 220 V to 240 V	0.50W (when "Standby mode" is set to "Low")			
Power Consumption (Networked Standby Mode)	AC 100 V to 120 V	5.5W(LAN) / 6.0W (optional WLAN module) / 6.2W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")			
	AC 220 V to 240 V	5.8W(LAN) / 6.3W (optional WLAN module) / 6.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")			
Standby Mode/Networked Standby Mode Activated		Approx. 10 Minutes			
Wireless Network(s) On/Off Switch		Press the MENU button, then select [Connection/Power] > [WLAN Settings] > [WLAN Connection] > Select On or Off			
Heat dissipation	AC 100 V to 120 V	1174 BTU	1133 BTU	1136 BTU	1034 BTU
	AC 220 V to 240 V	1119 BTU	1088 BTU	1092 BTU	993 BTU
Dimensions (W x H x D) (without protrusions)		Aprox. 365 x 96.2 x 252 mm (14 3/8 X3 25/32 X9 29/32 ")			
Mass		Approx. 4.1kg (9 lb)		Approx. 4 kg (8.8 lb)	Approx. 3.9kg (8.6 lb)
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operating Instructions (CDROM) (1), Quick Reference Manual (1) Lens cap (1)			
Optional Accessories		LMP-E221, IFU-WLM3 (WLAN module)			

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