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VPL-E Series Data Projectors

VPL-EW130 Data Projector

3LCD BrightEra™

The VPL-EW130 is an environmentally conscious projector with an outstanding colour light output of 3000 lumens and native WXGA (1280 x 800), it displays any content in stunning colour and exceptional detail.

The core strengths of the Sony E Series projectors are performance, convenience and economy. The VPL-EW130 delivers these with exceptional image quality at a low cost of ownership.

The 1.4 – 1.8:1 throw ratio and 1.3 times optical zoom allows the VPL-EW130 to be installed in a wide range of corporate and educational environments and, where possible, can even re-use existing ceiling suspensions.

A long lamp life (up to 6000 hours) and synchronised lamp and filter change means a reduction in maintenance costs and gives exceptionally low levels of down-time.

Key Features

3LCD BrightEra™ Technology
This innovative inorganic panel technology was designed by Sony to deliver improved panel light resistance, higher brightness, higher resolution and increased panel reliability.

Long Lasting Lamp
By incorporating a newly developed high-performance lamp and advanced lamp-control technology, the projector delivers an extremely long lamp replacement time of 6000 hours*.

ECO MODE Button
With a single push of the ECO MODE button on either the projector or the supplied Remote Commander™ unit, users can switch to the ECO setting.

Other Features

3 Colour Light Output Modes 3000/2300/1800 Lumens
Colour Light Output is a metric that measures a projector's ability to deliver colour.

Off and Go
The projector is ready to be unplugged as soon as it is switched off. There is no need to wait for the fan to turn off.

Direct Power On/Off
Direct power control using a circuit breaker on the switch board.

2600:1 Contrast Ratio
With the Sony BrightEra technology that allows light to pass through the LCD panels more efficiently, the VPL-EW130 can provide 2600:1 contrast ratio.

Power Saving Mode
If no signal is input for 10 minutes, the projector lamp will automatically turn off.

Image Freeze Function
The Image Freeze function can display a freeze frame to allow the presenter to prepare or switch to the next image.

Lamp and Filter Synchronised Maintenance
Like the lamp, the air filter has an approximate 6000-hour cleaning cycle. The filter only needs to be clean when the lamp is changed, saving maintenance effort and cost.

6 Picture Modes
Selectable six picture modes according to the picture source.

Auto Keystone Adjustment
Corrects any trapezoidal distortion automatically.

Picture (Audio) Muting
Mutes the image/audio.

* Approximate recommended period, in low mode.

Specifications

Specifications		
Display system		3 LCD system
Display device	Size of effective display area	0.59" (15.0 mm) x 3, BrightEra, Aspect ratio: 16:10
	Number of pixels	3,072,000 (1280 x 800 x 3) pixels
Projection lens	Zoom	Manual (Approx. 1.3 x)
	Focus	Manual
Light source		Ultra High Pressure lamp 210 W type
Recommended lamp replacement time*[1]		3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low)
Filter cleaning cycle		Max. 6000 H*[1] / Same time as the lamp replacement is recommended
Screen size		25" to 200" (0.635 m to 5.08 m)
Light output (Lamp mode: High / Standard / Low)		3000 lm / 2300 lm / 1800 lm
Colour light output (Lamp mode: High / Standard / Low)		3000 lm / 2300 lm / 1800 lm
Contrast ratio (full white / full black)*[2]		2600:1
Speaker		1 W x 1 (monaural)
Displayable scanning frequency	Horizontal	19 kHz to 92 kHz
	Vertical	48 Hz to 92 Hz
Display resolution	Computer signal input	Maximum input signal resolution: 1400 x 1050 (resizing display) Panel display resolution: 1280 x 800 pixels
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i
Colour system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Keystone correction		Vertical: Max. +/- 30 degrees*[3]
OSD language		20-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi)
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	HDMI™
	S VIDEO IN	–
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2)
	OUTPUT	Monitor output connector*[4]: Mini D-sub 15-pin (female), Audio output connector*[5]: Stereo mini jack (variable out)
Control signal input/output		RS-232C connector: D-sub 9-pin (female)
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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, 3.0 A to 1.3 A, 50 Hz /60 Hz
Power consumption	AC 100 V to 120 V	290 W / 240 W / 205 W
	AC 220 V to 240 V	275 W / 225 W / 190 W
Standby mode power consumption	AC 100 V to 120 V	3 W / <1.0 W (Standby mode: Standard / Low)
	AC 220 V to 240 V	3 W / <1.0 W (Standby mode: Standard / Low)
Heat dissipation	AC 100 V to 120 V	990 BTU
	AC 220 V to 240 V	940 BTU
Outside dimensions		W 313.4 x H 114.1 x D 269 mm (W 12 11/32 x H 4 1/2 x D 10 19/32 in) (without protrusion)
Mass		3.2 kg / 6 lb 15 oz
Supplied accessories		RM-PJ7 Remote Commander (1), Lithium Battery: CR2025 (1), Mini D-sub 15-pin cable (1), Lens Cap (1), Operating Instructions (1), Quick Reference Manual (1), AC power cord (1)
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*1: The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
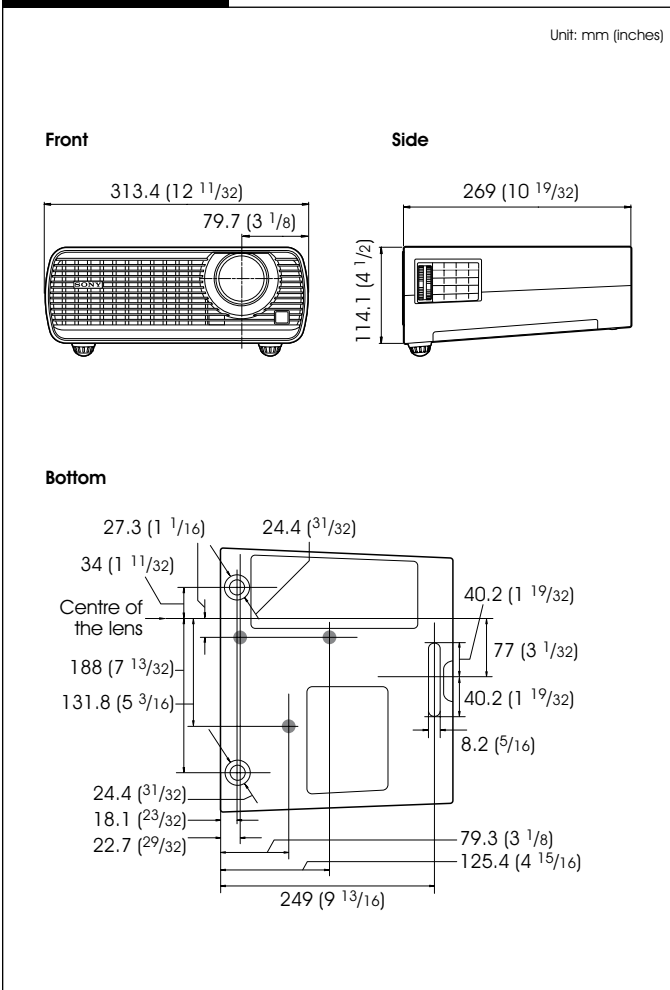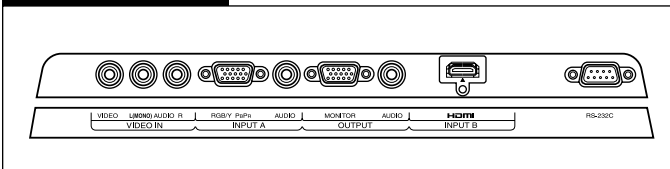*2: The value is average.
*3: Depends on resolution.
*4: From INPUT A/INPUT B (INPUT B is available only for the VPL-EX175/EX145/EX120).
*5: Works as an audio switcher function. From current channel only. Not available in standby.

Dimensions

Unit: mm (inches)

Front

313.4 (12 11/32)
79.7 (3 1/8)
114.1 (4 1/2)

Side

269 (10 19/32)

Bottom

27.3 (1 1/16)
24.4 (31/32)
34 (1 11/32)
Centre of the lens
40.2 (1 19/32)
188 (7 13/32)
77 (3 1/32)
131.8 (5 3/16)
40.2 (1 19/32)
8.2 (5/16)
24.4 (31/32)
18.1 (23/32)
22.7 (29/32)
79.3 (3 1/8)
125.4 (4 15/16)
249 (9 13/16)

Connector Panels

VIDEO L(MONO) AUDIO R | RGB/Y PBPR AUDIO | MONITOR AUDIO | HDMI | RS-232C
VIDEO IN | INPUT A | OUTPUT | INPUT B

Optional Accessory

LMP-E211
Projector Lamp
(for replacement)

PAM-200
Ceiling Mount

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