SONY
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VPL-FH30

4,300 Lumens Colour Light Output WUXGA projector for high end display applications



High brightness and low maintenance - great performance for any environment



The VPL-FH30 is designed to fit smoothly into almost any environment where a high-quality projector is required. Its brightness, zoom and throw range, coupled with its wide lens shift range, mean it can perform where other projectors would struggle - even in high ambient light.

Once installed, the VPL-FH30 has excellent image capabilities and a long lifespan that delivers low Total Cost of Ownership. Sony's BrightEra technology improves and maintains colour purity throughout the life of the system by protecting the LCD panels against harmful ultra violet light. Clever features such as synchronised lamp and filter replacement cycles reduce costs and downtime.

Featuring the usual wide range of inputs, an external monitor connection for the presenter's convenience, and advanced projection capabilities such as side-by-side image projection and DICOM medical training, the VPL-FH30 is an obvious projector choice for venues that demand quality and practicality.

This product comes with PrimeSupport – fast, hassle-free repairs and a helpline offering expert technical advice. Which gives you the peace of mind that Sony is looking after your equipment, and your business.

Features

3 LCD XGA BrightEra Panel Technology

Sony's BrightEra Panel Technology gives more accurate colour rendition, higher brightness and longer lifespan for a lower Total Cost of Ownership.

Ultra High Resolution

The VPL-FH30's WUXGA (1920x1200) 16:10 format resolution delivers absolute best image quality.

Very High Brightness: 4,300 Lumens Colour Light Output

With very high brightness of 4,300 Lumens Colour Light Output, the VPL-FH30 gives a clearer image in high ambient light, making it highly suitable for larger venues.

Wide Zoom Range (x1.6) and Throw Ratio (1.4 to 2.3) as standard

The standard lens has a wide zoom capability and throw ratio, offering more flexibility over the positioning of the projector, which can installed closer to or further away from the screen

Wide Lens Shift Range: Vertical: +60%, Horizontal: +/- 32%

The VPL-FH30's wide lens shift range means that the projector can be positioned closer to the ceiling, or horizontally offset to avoid ceiling obstacles.

Long Lamp Replacement Time: 3,000-4,000 hours (High/Std)

Longer lamp life means fewer visits by maintenance personnel and lower Total Cost of Ownership.

Lamp/Filter Replacement Cycles Synchronised

Synchronised lamp and filter replacement effectively halves the number of visits needed to maintain the projector in peak operating condition. (Filters are provided with replacement lamps.)

Interchangeable Lenses: Z1024, Z1032

The VPL-FH30 allows you to choose different lenses for increased flexibility.

Side by Side Image Projection

Side by side twin image gives you the ability to project from two inputs (RGB + any other Input) at the same time, making the projector ideal for applications like video conferencing and DICOM medical training.

DICOM GSDF Simulation

The VPL-FH30 offers DICOM GSDF Simulation (HDMI with computer signals), which conforms to GSDF (Grayscale Standard Display Function) of medical standards for DICOM (Digital Imaging and Communication in Medicine).

Wide Range of Image Adjustments

This wide range of image adjustments allows the projector to be installed in almost any location. Where equipment is being upgraded, installers are more likely to be able to use existing mounts. In new installations, they are more likely to be able to work around existing obstructions.

User Panel Alignment

Pixel alignment shifts the entire image or desired range (H: 16 X V: 10 pixels) for complete colour correction.

Colour Matching

The VPL-FH30 offers brightness and colour matching adjustment to the original image for complete image accuracy.

Lower Operating Power Consumption than Previous Models

Lower operating power consumption helps reduce energy consumption and lowers running costs.

Technical Specifications

Display System	3 LCD System

Display Element	
Effective Display Size	0.76" (19.3mm) X3, BrightEra, Aspect Ratio 16:10
Effective Pixels	6,912,000 (1920 X 1200 X 3) Pixels

Projection Lens	
Zoom	Manual (Approx. 1.6 X)
Focus	Manual
Lens Shift	Manual, Vertical: Upward 60% to Downward 0% Horizontal: Right 32% to Left 32%
Light Source	High Pressure Mercury Lamp 275W
Recommended Lamp Replacement	Approx. 3000H (Lamp Mode: High) Approx. 4000H (Lamp Mode: Standard)
Filter Cleaning Cycle	Max. 15000H / At time of Lamp Replacement
Screen Size	40 to 600 (1.02 to 15.24m)
Luminous Flux (Brightness)	5000 lm (Lamp Mode: High) 4000lm (Lamp Mode: Standard)
Colour Luminous Flux (Colour Brightness)	5000 lm (Lamp Mode: High) 4000lm (Lamp Mode: Standard)
Contrast Ratio	Max. 2000:1
Speaker	None

Displayable Scanning Frequency	
Horizontal	14 kHz to 93 kHz
Vertical	47 Hz to 93 Hz

Display Resolution	
Computer Signal Input	Maximum Display Resolution: 1920 X 1200 Dots (Resizing Display) Panel Display Resolution: 1920 X 1200 Dots
Video Signal Input	NSTC, PAL, SECAM, 480/60i, 567/50i, 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
V. Keystone Correction	Max. +/- 5 Degrees
OSD Language	20 languages (English, Dutch, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Persian)

Computer and Video signal input/output	
Other Signal Input/ Output	RS-232C Connector: D-Sub 15 pin (Female) LAN Connector: RJ45, 10BASE-T/ 100BASE-TX Control S Input Connector: Stereo Mini Jack, Plug in power DC5V
Operating Tempature (Operating Humidity)	0 to 40° C/32 to 104° F (35 to 85% (No Condensation))
Storage Temperature (Storage Humidity)	-20 to 60° C/-4 to 140° F(10 to 90%)
Power Requirements	AC 100 to 240V. 50/60Hz
Input A	RGB / Y PB PR Connector: 5BNC (Female) Audio Input Connector: Stereo Mini Jack
Input B	RGB Input Connector: Mini D-Sub 15 pin (Female) Audio input connector: Stereo mini jack (Shared with INPUT C)

Input C	DVI-D Input Connector: DVI-D 24 pin (Single Link), supported HDCP Audio input connector: Stereo mini jack (Shared with INPUT B)
Input D	HDMI Input Connector: Digital RGB/Y PB PR
S Video In	S Video Input Connector: Mini DIN 4 pin Audio Input Connector: Pin Jack x 2 (Shared with Video In)
Video In	Video Input Connector: Pin Jack Audio input connector: Pin Jack (x2) (Shared with S Video In)
Output	Monitor OutputConnector: Mini D-Sub 15 pin (Female) Audio Output Connector: Stereo mini jack (variable out)

Power Consumption	
AC100V	MAX. 400W
AC240V	MAX. 380V

Standby Mode Power Consumption	
AC100V	9W (Standby Mode: Standard) / 0.15W (Standby Mode: Low)
AC240V	10W (Standby Mode: Standard) / 0.3W (Standby Mode: Low)

Heat Dissipation	
AC100V	1365 BTU
AC240V	1297 BTU
Safety Regulations	WW Model
Body Colour	White / Grey
Standard Outside Dimensions	Approx. W 390 X H 148 X D 477mm (W 15 11/32 X H 5 13/16 X D 18 25/32)
Weight	Approx. 8.0Kg / 17.7lbs

Supplied Accessories	
RM-PJ19 Remote Commander (1)	Battery : Size AA (R6) / Approx. 18g / x 2
Size AA (R6) Batteries (2)	
AC Power Cord(1)	
Cable Clamp (2)	
Quick Reference Manual	
Warranty Card (1) (outside of box)	
Security Label (1)	
Operating Instructions CD-ROM	

Accessories

Warranty and Support Agreements

PrimeSupport Plus FPJ2E

An optional service offering that extends the duration of the included PrimeSupport cover by 2 years - achieving a total of 5 years' cover.

PrimeSupport Plus FPJL

If the projector lamp fails, this optional service offering provides one free replacement lamp during the 3 years of PrimeSupport cover

PrimeSupport Plus FPJ2EU

An optional service offering extending duration of included PrimeSupport cover by 2 years - achieving a total of 5 years' peace of mind. Also includes next business day delivery of loan unit.

PrimeSupport Plus FPJU

An optional service offering that provides a free next-business-day loan unit throughout the 3 years of PrimeSupport cover.

Lenses



VPLL-Z1024

Middle Focus Zoom Lens for VPL-FE40, VPL-FX40 and VPL-FX41 projectors