

VPL-FH60



Bring presentations to life with impressive brightness and picture quality - plus easy, flexible integration and powerful picture features.

The VPL-FH60 installation projector is ideal for a wide range of business, education and entertainment applications. The energy-efficient High Pressure Mercury (HPM) lamp source is teamed with Sony's advanced BrightEra 3LCD projection engine, delivering extremely bright, detail-packed WUXGA resolution images with generous 5000 lumens brightness and rich, stable colours. Reality Creation and Contrast Enhancer technologies fine-tune image quality even further to assure exceptional clarity, realism and punch with every presentation.

With a stylish blend-in design, neat cable management and low fan noise, the VPL-FH60 integrates smoothly into almost any environment - from academic institutions, corporate, medical training and public sector organisations to visitor attractions and retail spaces. Easy set-up's assisted by a friendly new installation menu.

VPL-FH60/W is the white model.

VPL-FH60/B is the black model.

Black and lensless models available in Europe; please check for local availability.

Very high image quality with BrightEra 3LCD projection engine

The energy-efficient High Pressure Mercury (HPM) lamp source is coupled with Sony's acclaimed BrightEra 3LCD projection engine to ensure high 5000 lumen image brightness with vivid, natural colour reproduction.

Advanced picture refinement technologies

Picture quality is boosted by advanced processing featured on Sony home cinema projectors. Reality Creation uses a powerful pattern-matching database to optimise every pixel. Contrast Enhancer actively analyses and refines dark and light image areas for sparkling highlights and rich, deep blacks.

Crisp, detail-packed WUXGA resolution images

See the finest detail in PC presentations, videos or multimedia signage with WUXGA (1920 x 1200) 16:10 resolution.

Hassle-free automatic filter cleaning

Focus on great-looking images instead of arduous maintenance: automated filter

Number of pixels	6,912,000 (1920 x 1200 x 3) pixels
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Projection lens *1

Focus	Powered
Zoom - Powered/Manual	Powered (Approx. 1.6 x)
Throw ratio	1.39:1 to 2.23:1
Lens shift - Powered/Manual	Powered
Lens shift - Range Vertical	-5.0%, +60%
Lens shift - Range Horizontal	+/- 32%

Light source

Type	Ultra high pressure mercury lamp
Wattage	280 W type

Recommended lamp replacement time *2

Lamp mode: High	3000 H
Lamp mode: Low	4000 H

Filter cleaning / replacement cycle (Max.)*2

Filter cleaning / replacement cycle (Max.)	20000 H (service maintenance)
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Screen size

Screen size	40" to 600" (1.02 m to 15.24 m) (measured diagonally)
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Light output

Lamp mode: High	5000 lm
Lamp mode: Standard	3200 lm

Color light output

Lamp mode: High	5000 lm
Lamp mode: Standard	3200 lm

Contrast ratio (full white / full black) *3

Contrast ratio (full white / full black)	2000:1
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black)

Displayable scanning frequency

Horizontal	15 kHz to 92 kHz
Vertical	48 Hz to 92 Hz

Display resolution

Computer signal input	Maximum display resolution: 1920 x 1200 dots *4
Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for digital signal (HDMI input) only; 1080/60P, 1080/50p, 1080/24p

Color system

Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
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Keystone correction (Max.)

Horizontal	+/- 30 degrees
Vertical	+/- 30 degrees

OSD language

OSD language	24-language (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi, Finnish, Indonesian, Hungarian, Greek)
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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	DVI input connector: DVI-D 24-pin (single link), HDCP support Audio input connector: Shared with INPUT A
INPUT C	HDMI input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support
INPUT D	HDBaseT interface connector: RJ45, 4 play

INPUT	(Video, Audio, LAN, Control)
VIDEO IN	Video input connector: BNC Audio input connector: Shared with INPUT A
OUTPUT A	Monitor output for INPUT A connector: Mini D-sub 15-pin (female) Audio output connector: Stereo mini jack
OUTPUT B	Monitor output for INPUT B connector: DVD-D 24-pin (single link), HDCP not supported Audio output Monitor out connector: Stereo mini jack
REMOTE	D-sub 9-pin (male) / RS232C
LAN	RJ45, 10BASE-T/100BASE-TX
IR (Control S)	Stereo mini jack, Plug in power DC5V

Acoustic Noise

Lamp mode: Standard	28 dB
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Operating temperature / Operating humidity

Operating temperature / Operating humidity	0°C to 40°C (32°F to 104°F) / 20% to 80% (no condensation)
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Storage temperature / Storage humidity

Storage temperature / Storage humidity	-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)
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Power requirements

Power requirements	AC 100 V to 240 V, 4.3 A to 1.8 A, 50 Hz / 60 Hz
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Power consumption

AC 100 V to 120 V	Lamp mode: High: 429 W
AC 220 V to 240 V	Lamp mode: High: 416 W

Power Consumption (Standby Mode)

AC 100 V to 120 V	0.5 W (when "Standby mode" is set to "Low")
AC 220 V to 240 V	0.5 W (when "Standby mode" is set to "Low")

Power Consumption (Networked Standby Mode)

15.0 W (LAN)
15.0 W (HDMI/USB)

AC 100 V to 120 V	15.0 W (HDBaseT) 15.0 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")
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AC 220 V to 240 V	13.3 W (LAN) 13.3 W (HDBaseT) 13.3 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")
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Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	Approx. 10 Minutes
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Heat dissipation

AC 100 V to 120 V	1464 BTU/h
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AC 220 V to 240 V	1419 BTU/h
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Dimensions (W x H x D)

Dimensions (W x H x D) (without protrusions)	460 x 169 x 515 mm 18 1/8 x 6 21/32 x 20 9/32 inches
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Mass

Mass	Approx. 13 kg (28 lb)
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Supplied accessories

Remote commander	RM-PJ27
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Optional accessories

Projection Lens	VPLL3007 / Z3009/ Z3024 / Z3032
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Notes

*1	With supplied standard lens.
*2	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
*3	The value is average.
*4	Available for VESA Reduced Blanking signal.

Lamp in this product contains mercury. Disposal of these materials may be

Environmental notice for
customers in the USA

regulated due to environmental
considerations. For disposal or recycling
information, please contact your local
authorities or see www.sony.com/mercury for
additional information.

