

VPL-FW60

5,200 lumens WXGA 3LCD
installation projector (colour
availability may vary by country)



Overview

Bring presentations to life with impressive brightness, flexible integration and powerful picture features.

The VPL-FW60 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 to deliver extremely bright, crisp WXGA resolution images with powerful 5200 lumens maximum light output and rich, stable colours. Reality Creation and Contrast Enhancer technologies fine-tune image quality even further to assure exceptional clarity and realism with every presentation.

Offering a stylish blend-in design, tidy cable management and low fan noise, the VPL-FW60 fits smoothly into almost any environment – from academic institutions, corporate, medical training and public sector organisations to visitor attractions and retail spaces. Seamlessly blend images from multiple projectors to create super-sized displays, or project accurately proportioned images onto angled or curved surfaces. Mount the projector at any angle, even on its side or upside down. Set-up is easy with a friendly installation menu.

Features

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 5200 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 WXGA image quality

View PC presentations or videos with WXGA (1280 x 800) 16:10 resolution.

Hassle-free automatic filter cleaning

Focus on great-looking images instead of arduous maintenance tasks: automated filter cleaning system removes dust every 100 hours.

Powered Wide Lens Shift

Generous lens shift adjustments give more flexibility for positioning the projector where you need it: close to ceilings or even horizontally offset.

Included powered standard zoom lens plus wide choice of lens options

Installation flexibility is increased by a wide range of compatible lens options to suit virtually any size of room and throw requirements. Quick-release bayonet mount simplifies quick lens exchange.

Supports HDBaseT

Simpler, more cost-effective installation and connectivity with

digital transmission of HD video, audio and networking/control over a single Ethernet cable.

Create super-size displays with Edge Blending

Seamlessly join accurately colour-matched images from multiple projectors, simplifying creation of stunning super-size displays for corporate and education.

Project onto non-flat surfaces with Image Warping

Easily correct image geometry for natural-looking projections – even on convex or concave surfaces. Corner and edge correction can be easily adjusted with the supplied remote and on-screen menu.

Quiet operation

Low fan noise ensures discreet, unobtrusive operation in quiet environments from museums and galleries to lecture theatres.

Slim, attractive blend-in design

The slim, stylish case design features a flat top surface that blends in discreetly when the projector is ceiling mounted. The clean appearance is accentuated by a terminal cover that reduces cable clutter.

Picture Mode

Picture Mode ensures great-looking presentations in a wide range of operating conditions. Select Standard, Dynamic, Brightness Priority or Multi Screen mode for optimised image quality, with any source and in every room.

Simple set-up with friendly Installation menu

Easily adjust projector settings with remote commander, including image warping and edge blending.

Project Side by Side

Project images from two inputs at the same time: ideal for applications such as video conferencing and medical training

where two images need to be seen simultaneously.

Specifications

Display system

| | |
|----------------|--------------|
| Display system | 3 LCD system |
|----------------|--------------|

Display device

| | |
|--------------------------------|--|
| Size of effective display area | 0.76" (19 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10 |
|--------------------------------|--|

| | |
|------------------|-----------------------------------|
| Number of pixels | 3,072,000 (1280 x 800 x 3) pixels |
|------------------|-----------------------------------|

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 |
|------|----------------------------------|

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|---------|------------|
| 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) |
|--|-------------------------------|

Screen size

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|-------------|--|
| Screen size | 40" to 600" (1.02 m to 15.24 m) (measured diagonally) |
|-------------|--|

Light output

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|-----------------|---------|
| Lamp mode: High | 5200 lm |
|-----------------|---------|

| | |
|---------------------|---------|
| Lamp mode: Standard | 3400 lm |
|---------------------|---------|

Color light output

Lamp mode: High 5200 lm

Lamp mode: Standard 3400 lm

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

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)

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

HDMI input connector: HDMI 1.0

| | |
|----------------|--|
| INPUT C | HDMI input connector, HDMI 1.9-pin, HDCP support Audio input connector: HDMI audio support |
| INPUT D | HDBaseT interface connector: RJ45, 4 play (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

Operating temperature / Operating humidity

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

Storage temperature / Storage humidity

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

Power requirements

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

Power consumption

AC 100 V to 120 V Lamp mode: High: 416 W

AC 220 V to 240 V Lamp mode: High: 404 W

Power Consumption (Standby Mode)

AC 100 V to 120 V 0.5 W (when “Standby mode” is set)

| | |
|-------------------|---|
| AC 100 V to 120 V | to “Low”) |
| AC 220 V to 240 V | 0.5 W (when “Standby mode” is set to “Low”) |

Power Consumption (Networked Standby Mode)

| | |
|-------------------|--|
| AC 100 V to 120 V | 15.0 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard") |
| AC 220 V to 240 V | 13.3 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard") |

Standby Mode / Networked Standby Mode Activated

| | |
|---|--------------------|
| Standby Mode / Networked Standby Mode Activated | Approx. 10 Minutes |
|---|--------------------|

Heat dissipation

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|-------------------|------------|
| AC 100 V to 120 V | 1419 BTU/h |
|-------------------|------------|

AC 220 V to 240 V 1378 BTU/h

Dimensions (W x H x D)

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

Mass

Mass Approx. 13 kg (28 lb)

Supplied accessories

Remote commander RM-PJ27

Optional accessories

Projection Lens VPLL-3003 / 3007 / Z3009/ Z3024 /
Z3032

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.

Environmental notice
for customers in the
USA

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery

