SONY

VPL-FW41

3LCD installation projector with 4500 ANSI lumens

The VPL-FW41 is the new Wide-XGA addition to the F-series range of projectors. Like its counterparts, (the VPL-FE40 and VPL-FX40 and the newly introduced VPL-FX41), it features an ultra modern sleek design and Sony's innovative BrightEra technology. The VPL-FW41 delivers an impressive 4500 ANSI lumens and a colour light output of 4500 lumens. It is capable of projecting bright and clear pictures even in high ambient lighting environments. This makes it ideal to deliver high-impact multimedia presentations in locations such as boardrooms, large conference rooms, R&D facilities and university classrooms.

With outstanding functionality, simple operation, and network capabilities, this projector will deliver seamless presentations. Its ability to accept a broad array of signals, including those from sources equipped with the latest High-Definition Multimedia Interface (HDMI) further increases the dynamics of the presentation. This projector can be purchased with or without lenses.

Features

Outstanding Colour Light output Brightness of 4500 Lumens in a Beautifully Styled Projector

The VPL-FW41 data projector provides an outstanding brightness of 4500 lumens. This allows for dynamic, large-screen presentations even in high ambient lighting environments. By combining a new generation of inorganic LCD panels that utilize Sony BrightEra technology with a powerful 275W lamp, these beautifully styled projectors are excellent for bringing your presentations to life.

Wide-XGA Resolution (WXGA)

The VPL-FW41 offers native WXGA (1280 x 800) resolution for high picture quality.

3LCD Projection System

Because the VPL-FW41 adopts a 3LCD projection system, projected images are bright and natural. 3LCD is a projection system using three LCD panels (also known as high-temperature polysilicon or HTPS). This system provides high light transmission and excellent colour reproduction. It also provides smooth gradients in dark areas, and even helps prevent colour break-up.

Dynamic Detail Enhancer (DDE) for High-Quality Video Images

This unique Sony video-enhancing technology incorporated in the VPL-FW41 projector generates high-quality images of outstanding clarity. For interlaced video sources, I/P (Interlace/Progressive) conversion is applied to the signals to project clear and sharp progressive images. When displaying film-originated sources, signals converted by 2-3/2-2 pull down are detected, and each frame of the original film is accurately reproduced.

12-bit 3D Gamma Correction and 3D Digital Comb Filter

The VPL-FW41 projector incorporates 12-bit 3D Gamma Correction circuitry to perform highly accurate gamma correction, achieving uniform image color and brightness that extends right to the corners of the screen. What's more, the 3D Digital Comb Filter separates Y signals from C signals with great accuracy, which emphasises fine images and shape boundaries.

Power Zoom/Focus/Lens Shift (Horizontal and Vertical)

The Zoom, Focus, and Horizontal and Vertical Lens Shift functions available with the projectors' supplied power-operated lens and optional lenses can be controlled both from the projector control panel and the supplied Remote Commander unit. Images can be easily adjusted to the desired settings both during installation and when the projector is in use.

Centred Lens Design

The centred lens provides symmetry for a balanced installation of the VPL-FW41 projector, and makes setup very simple.

Maintenance and Notifications Via Network

Because the VPL-FW41 projector can be connected to a LAN, a number of functions can be performed remotely using a web browser. For example, the projector's current status can be verified and simple controls, such as powering the unit on or off, can be performed. Also, the system can be set up to send automatic e-mail reports to designated recipients for scheduled maintenance, including projected lamp life and error reports.

Digital Keystone Adjustment

Vertical Keystone distortion of up to +/-30 degrees can be digitally corrected via the OSD and/or Remote Commander unit of the VPL-FX41 projector. This enables detailed images to be projected with their correct geometry, even when installation space is limited.

Monitor Output for Presenters

Projected images can be monitored by connecting a PC monitor to the VPL-FW41 projector's monitor output and placing it in the presenter's field of view. This allows the presenter to continually face the audience during the presentation for a fluid and professional delivery.

Quiet Operation

The VPL-FW41 projector is incredibly quiet, allowing for smooth and undisturbed presentations. The low fan noise is attributed to a highly efficient cooling system based on Sony's latest technology.

Multi-Function Remote Commander Unit

The supplied Remote Commander unit for the VPL-FW41 is useful for both setting up the projector during installation and changing settings for a presentation. This unit has buttons for direct input selection, so users do not have to toggle through the entire range of inputs to select the desired one. With the projector ID function, each projector in a multiple-projector installation can be controlled independently from a single remote.

Network Presentations

When the VPL-FW41 projector is installed on a LAN, presentations can be projected from any PC on that network - whether connected via a LAN cable or wirelessly. Switching from presenter to presenter is as easy as clicking a mouse - there's no fussing with cables.

Benefits

Flexible Orientation

The VPL-FW41 projector can be tilted 90 degrees upwards or downwards. This flexibility allows the projectors to be used in several different ways, including in a rear projection system.

Twin Stacking Capability

When applications require double the colour light output, the VPL-FW41 projector can be twin-stacked. Pictures from the two projectors are then matched using the Picture Shift function on each unit.

Direct Power On

Activating this function allows you to skip standby mode to power on the VPL-FW41 projector immediately. Direct Power On is ideal for large-scale facilities such as museums, auditoriums, and conference halls, with images ready for projection as soon as the circuit-breaker on the switchboard is turned on.

ID Function for Multi-Projector Installation

The VPL-FW41 projector has a built-in ID function, so each projector can be controlled independently from a single Remote Commander unit. For multi-projector installations in a single room, this feature is indispensable both during installation and operation.

Variety of Optional Lenses

The VPL-FW41 projector is supplied with a power lens as standard for most general applications. If a specific application requires a special lens, the

VPL-FW41L is available. The lens is not included with these projectors, so any of four optional lens types can be selected. This flexibility allows the VPL-FW41L to be used for a number of applications - from long-distance projection in large auditoriums to short-distance rear-projection applications.

Easy Lamp Replacement and Filter Cleaning

When it's time to replace the lamp in the VPL-FW41 projector, a timely message appears clearly on the screen. The lamp is accessible from the side of the projector and the filters from the front, so lamp replacement and filter cleaning can be performed without uninstalling the projector.

Multitude of Inputs

The VPL-FW41 projector accepts a wide variety of input signals, including HDMI (the latest standard for digitally connecting to high-definition systems), component and composite video, S-Video (Y/C), and computer signals up to UXGA (fV: 60 Hz) - which expands the system-connection possibilities. The VPL-FW41 projector is equipped with five BNC connectors, so they can accept signals from sources such as workstations or professional video equipment, and these sources can be located far away from the projector because the interfaces support long-distance signal transmission.

Multi-Language OSD (On-Screen Display)

The OSD used for control of the VPL-FW41 projector is available in 16 languages: English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, simplified Chinese, traditional Chinese, Korean, Thai, and Arabic.

Password-Authentication System

This function makes it possible to prevent projection of a picture on the screen unless the required password is entered when the projector is turned on.

Picture Muting

The projector can temporarily disable the output of video signals. This function can be easily operated with just the touch of a button on the supplied Remote Commander unit.

High-Speed Image Transfer over IP Networks

Because the VPL-FW41 projector employs efficient compression and transmission techniques, they can receive and project images via IP networks for effective presentations from any networked PC. In fact, they can even handle animated Microsoft PowerPoint presentations.

Network Presentations Using Up To Five Projectors

Up to five VPL-FW41 projectors can be connected to a network, with the image from a single PC projected on each of them. This feature is ideal for both large venues and multiple rooms in which images have to be projected from various locations.

Network Presentations Almost Anywhere

By manually registering your PC's IP address to the VPL-FW41 projector, images can be projected not only across the country, but across the globe. This is ideal for applications such as distance learning and long-distance corporate communication.

Smart APA (Auto Pixel Alignment)

Smart APA (Auto Pixel Alignment) automatically sizes and adjusts a PC image display for optimum picture performance. This allows users to concentrate on their presentations, rather than time-consuming technical adjustments.

PrimeSupport

All Sony business projectors come supplied with a 3-year support pack which offers unique extra services and benefits.

- 3 years cover
- Free telephone helpdesk support in 5 languages
- Collection and delivery anywhere in EU, Norway and Switzerland

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Technical Specifications

--Optical--

Projection system	3 LCD panels, 1 lens projection system
LCD panel	0.79-inch XGA panel, 3,072,000 (1280 x 800 x 3) pixels
Projection lens	1.3 times power zoom lens, f 30.6 to 39.7 mm, F 1.66 to 2.18
Lamp	275 W ultra high pressure lamp
Screen coverage	40 to 600 inches (viewable area measured diagonally)
Light output	4500 lumens (lamp mode high) / 4500 Colour Light Output 3600 lumens (lamp mode standard) / 3600 Colour Light Output

--Signals--

Colour system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 (automatically/ manually selected)
Resolution	Video: 750 TV lines, RGB: 1280 x 800 pixels
Acceptable computer signals	fH: 19 to 92 kHz, fV: 48 to 92 Hz (Up to UXGA (fV 60 Hz))
Acceptable video signals	15 kHz RGB 50/60 Hz, Progressive Component 50/60 Hz, DTV (480/60i, 575/ 50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p), Composite Video, Y/C video

--Speaker--

Speaker	1.8 W x 2 (stereo)

--General--

Dimensions (W x H x D)	532 x 145 x 352 mm, (21 x 5 3/4 x 13 7/8 inches)
Mass	Approx. 9.8 kg (21 lb 10 oz)
Power requirements	AC 100 to 240 V, 4.1-1.7 A, 50/60 Hz
Power consumption	Max. 400 W, standby 15 W (standard mode) / 0.5 W (low mode)
Heat dissipation	1365 BTU
Operating temperature	0 to 35 °C (32 to 95 °F)
Operating humidity	35 to 85 % (no condensation)
Storage temperature	-20 to 60 °C (-4 to 140 °F)
Storage humidity	10 to 90 %

--Inputs/Outputs--

Video In	Video: Composite Video (RCA phono jack) S Video: Y/C Mini DIN 4-pin Audio : Stereo (RCA phono jack x 2)
Input A	Analogue RGB: HD D-sub 15-pin (female) Audio: Stereo mini jack
Input B	Analogue RGB: HD D-sub 15-pin (female) Audio: Stereo mini jack
Input C	Analogue RGB/Component: BNC x 5 (female) Audio: Stereo mini jack
Input D	Digital RGB/Y CB (PB) CR (PR) HDMI (HDCP)
Input E	Network: 10BASE-T/100BASE-TX: RJ45
Output	Monitor out: HD D-sub 15 pin (female) Audio out: Stereo mini jack (Variable out)
Remote	RS-232C: D-sub 9 pin (female)
Control S IN	Stereo mini jack (plug-in-power)