LCD
3 PANEL

SONY

VPL-VW10HT

LCD VIDEO PROJECTOR

Sony is proud to introduce its new VPL-VW10HT LCD Video Projector – the stylish and brilliant projector for various types of meetings and presentations. Featuring a powerful combination of newly developed 16:9 wide XGA (1366 x 768 pixels) LCD panels, a high-performance optical system and a 200 W UHP lamp, this impressive unit provides extremely high-resolution and high-contrast images at a brightness of 1000 ANSI lumens.

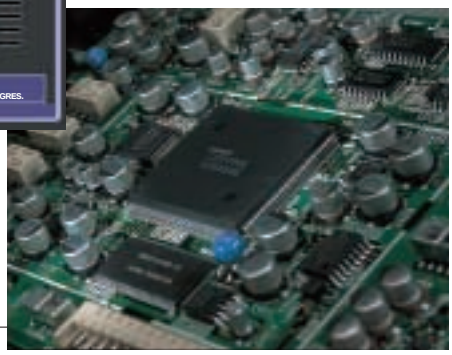
What's more, advanced Sony signal processing technologies such as Digital Reality Creation - Multi Function™ (DRC-MF™), 3D gamma, 3D/3-line Y/C separation/digital noise reduction and through mode, help to provide a truly rewarding visual experience. Video memory, digital keystone correction, cinema black mode, short throwing distance, low fan noise, and a handsome white cabinet – just some of the innovations that make Sony's VPL-VW10HT LCD Video Projector the perfect addition to your office environment.

Superb picture quality

For crisp and vivid image reproduction, the VPL-VW10HT incorporates a series of high-performance Sony signal processing technologies such as Digital Reality Creation - Multi Function (DRC-MF), 3D gamma correction and 3D*/3-line Y/C separation/ digital noise reduction circuit. With the newly developed DRC-MF, picture quality is enhanced in "4x dense DRC" mode or "DRC progressive" mode depending on input source characteristics. 3D gamma correction performs precise gamma level adjustment and helps to improve white uniformity.

*This function is only applicable to NTSC signals.

On-screen menu



DRC chip

DRC-MF
Digital Reality Creation

1000 ANSI lumens for exceptional brightness

With its newly developed LCD panels, high-performance optical unit, and a 200 W UHP lamp, the VPL-VW10HT provides 1000 ANSI lumens (in 16:9 mode) of brightness for extremely clear on-screen images.

Optical unit

Lamp

Newly designed wide-aspect LCD panel

The VPL-VW10HT incorporates three wide XGA (1366 x 768 pixels) resolution LCD panels with a metal mask. To improve uniformity and reduce "ghost" images on the screen, dot line inverter technology is adopted on these panels. The panel drive voltage has also been increased for outstanding black-level reproduction.

LCD panel

Cinema black mode

For extra versatility, the VPL-VW10HT allows you to set lamp drive wattage to "normal" (1000 ANSI lumens) or "cinema black" mode (approx. 750 ANSI lumens). The "cinema black" mode provides an elevated black level for viewing film sources. For optimum results, use both modes according to ambient light conditions.

"Cinema black" mode ON

"Cinema black" mode OFF

Simulated picture

Video memory

The video memory function of the VPL-VW10HT memorizes six sets of control parameters to match various input sources. Control parameters include picture control, DRC-MF settings, aspect settings and V scroll/title area adjustment.

Through mode

In the "through" mode, video signals are not affected by scan conversion and this enables the VPL-VW10HT to reproduce a high-density, one-to-one mapped picture. The "full through" mode is suitable for squeezed 16:9 sources, while the "normal through" mode is ideal for 4:3 sources.

"Full" mode

"Full through" mode

"Normal" mode

"Normal through" mode

"Subtitle" mode

"Zoom" mode

"Wide zoom" mode

RGB input

In addition to video signals, the VPL-VW10HT accepts RGB signals (fH: 15 to 91 kHz, fV: 50 to 85 Hz), while the RGB enhancer circuit helps to produce crisper RGB images.

New RM-PJVW10 remote control unit

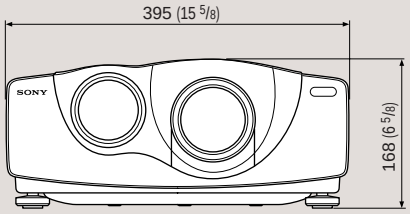
The new RM-PJVW10 remote control unit allows you to easily select video memory and inputs, while the LIGHT key provides smooth control even in low-light conditions.

RM-PJVW10

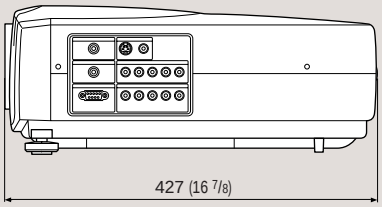
Control panel

Connectors

Dimensions



Unit: mm (inches)



Specifications

Model		VPL-VW10HT
Optical	Projection system	3 LCD panels, 1 lens projection system
	LCD panels	1.35-inch p-Si TFT LCD panel 3,147,264 (1,049,088 x 3) pixels
	Projection lens	1.2 times zoom lens, F2.2 to 2.5, f44.6 to 53.6 mm
	Lamp	200 W UHP
	Screen coverage	40 to 300 inches (16:9, viewable area, measured diagonally)
	Light output	1000 ANSI lumens* (16:9), 750 ANSI lumens (4:3)
Signals	Color system	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N (automatically/manually selected)
	Resolution	Video: 750 TV lines HD: 1100 TV lines RGB: 1366 x 768 pixels
	Acceptable signals	DTV (480i, 480p, 720p, 1080i), progressive component, 15 kHz component 50/60 Hz system,composite video, Y/C video, RGB (fH: 15 to 91 kHz, fV: 50 to 85 Hz)
General	Power requirements	AC 100 to 240 V, 50/60 Hz
	Power consumption	Max. 300 W, standby 6 W
	Heat dissipation	1023.7 BTU
	Dimensions	395 (W) x 168 (H) x 427 (D) mm (15 5/8 x 6 5/8 x 16 7/8 inches)
	Weight	Approx. 17 lb 10 oz (8 kg)
	Operating temperature	0 to 40 °C (32 to 104 °F)
	Operating humidity	35 to 85 %
Inputs/Outputs	Video	
	Composite	Phono type, 1 Vp-p ± 2 dB sync negative, 75 Ω
	Y/C IN	Mini DIN 4-pin
	Y	1 Vp-p ± 2 dB sync negative, 75 Ω
	C	Burst 0.286 Vp-p ± 2 dB (NTSC), 75 Ω or 0.3 Vp-p ± 2 dB (PAL), 75 Ω
	INPUT A/B	
	Component/Progressive	Phono type
	Component/YPBPR/	
	Analog RGB	
	G	0.7 Vp-p ± 2 dB positive, 75 Ω
	G with sync/Y	1 Vp-p ± 2 dB sync negative, 75 Ω
	B/CB/PB	0.7 Vp-p ± 2 dB positive, 75 Ω
	R/CR/PR	0.7 Vp-p ± 2 dB positive, 75 Ω
	SYNC/HD	
	Composite sync	1 to 5 Vp-p, high impedance positive/negative
	Horizontal sync	1 to 5 Vp-p, high impedance positive/negative
	VD	
	Vertical sync	1 to 5 Vp-p, high impedance positive/negative
	CONTROL S IN (PLUG IN POWER)	Stereo mini jack 5 Vp-p, plug in power DC 5 V
	TRIGGER	Mini jack Power on: DC 12 V, output impedance: 4.7 kΩ Power off: 0 V
	REMOTE RS-232C	D-sub 9-pin (Female)
Safety regulations		UL, cUL (CSA), FCC Class B, IC Class B, EN 60 950 (Nemko), CE, C-Tick, VCCI class B, JEIDA
Supplied accessories		Remote control unit RM-PJVW10 Size AA battery (2) Air filter Operating manual

*ANSI lumens is a measuring method of the American National Standards Institute IT 7.228.

Optional accessories

Projector lamp LMP-P200
(for replacement)

Projector suspension support
PSS-610

Monitor cable SMF-400
(HD D-sub 15-pin to 5 BNC)

Macintosh® adaptor ADP-20
(Macintosh to VGA)

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