

SONY VW 12 HT



First-class 1000:1 contrast ratio and excellent brightness

It creates crisp Images and makes the black level deeper, thanks to innovations in all key LCD projector components - including its newly designed LCD panels and optical unit - that prevent light leakage and make full use of the LCD's dynamic range.



Superb picture quality

For crisp and vivid Image reproduction, the VPL-VW 12HT incorporates a series of high-performance Sony Signal processing technologies such as Digital Reality Creation Multi Function circuitry (DRC-MF), 3D gamma correction and a 3D*/3-line Y/C Separation/digital noise reduction circuit.

The DRC-MF incorporates the CIN E MOTION (2-3 pull down) function that helps reproduce natural and detailed pictures from film-originated sources.

This, combined with the original DRC-MF effects, provides high-defining progressive Signals, bringing out the true beauty and fascination of cinema.

The VPL-VW 12HT utilizes newly developed three-wide **XGA** (1366 x 768 pixels) **resolution** LCD panels with

Micro Lens Array and a **200W UHP Lamp** to provide a high-brightness Output of **1000 ANSI lumens** (in 16:9 mode). Because of this, the projector now offers remarkable Image reproduction with intense, velvety black and rich color gradation.

Filter for Image changes

The supplied Cinema Filter color compensation filter is ideal for creating more pleasing skin tones and contrast.

This is a tonal-correction filter, producing greater contrast in dark scenery.

It fits over the lens and removes approximately 25% of the color green. Use this filter according to your creative style when you want to make dramatic Image changes.

ImageDirector application Software

To add to your home theater enjoyment, Sony original ImageDirector application Software is included on CD-ROM with the VPL-VW 12HT.

ImageDirector enables you to adjust the brightness of red, green and blue colors (the gamma curve of R, G and B)

with ease at your PC (via an RS 232C reverse cable). You can also store this adjusted data on your PC.

'Cinema black' mode

For extra versatility, the VPL-VW 12HT allows you to set lamp drive wattage to 'normal' (1000 ANSI lumens) or 'cinema black' mode (approximately 750 ANSI lumens).

'Cinema black' mode provides an elevated black level for viewing film sources.

For Optimum results, use both modes according to ambient light conditions.



Easy projector control

Projector control keys & the supplied remote control unit provide easy control of the VPL- VW 12HT. The keys can be lit up enabling smooth control even in low-light conditions.

The video memory function of the VPL-VW 12HT memorizes six sets of control parameters (Picture Control and Input Setting) to match various input sources.

In 'through' mode, video Signals are not affected by scan conversion and this enables the VPL-VW 12HT 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.

Optional Lenses

Two optional lenses are available, giving you the ability to customize the VPL-VW 12HT to perfectly suit any projection environment.

Optical	Projection System	3 LCD panels. 1 lens projection System
	LCD panels	1.35-inch p-SiTFT LCD panel 3 147264 (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 mches (16.9 viewable area measured diagonally)
	Light Output	1000 ANSI lumens' (16:9). 750 ANSI lumens (4:3)
Signals	Color System	NTSC PAL SECAM NTSC<< 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 RG (fH 15 to 80 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	10237 BTU
	Dimensions	395 (W) x 168 (H) x 427 (D) mm
	Mass	Approx. 8 kg
	Operating temperature	0 to 35 °C
	Operatmg humidity	35 to 85 %
Inputs/Outputs	Video Composite Y/C IN Y C	Phono type, 1 Vp-p \pm 2 dB sync negative, 75 Ohm Mini DIN 4-pin 1 Vp-p \pm 2 dB sync negative 75 Ohm Burst 0.286 Vp-p \pm 2 dB (NTSC) 75 Ohm or 0.3 Vp-p \pm 2 dB (PAL) 75 Ohm
	INPUTA/B Component/Progressive Component/YPePH/ Analog RGB G G with sync/Y B/CB/PB R/CH/PH SYNC/HD Composite sync Horizontal sync VD Vertical sync	Phono type 0.7 Vp-p \pm 2 dB positive, 75 Ohm 1 Vp-p \pm 2 dB sync negative 75 Ohm 0.7 Vp-p \pm 2 dB positive 75 Ohm 0.7 Vp-p \pm 2 dB positive, 75 Ohm 1 to 5 Vp-p, high impedance positive/negative 1 to 5 Vp-p, high impedance positive/negative 1 to 5 Vp-p, high impedance positive/negative
	CONTROLS IN (PLUG IN POWER)	Stereo mini Jack 5 Vp-p, blua in power DC 5 V
	TRIGGER	Mini Jack Power on: DC 12 V, Output impedance: 4.7 kOhm Power off: 0 V
	REMOTE RS- 232C	D-sub 9-pin (Female)
	Supplied accessories	Remote Commander RM-PJVW10 AA size Battery (2) Air Filter (3) Operation Manual Cinema Filter ImaeDirector (CD-ROM)

