

VPL-VW11HT

The ultimate home cinema projector





Bringing beautiful, large-screen images to life, the new Sony VPL-VW11HT LCD Video Projector delivers a truly breathtaking home cinema experience. Now offering even better reproduction of movies on DVD or video, television programmes and computer games, the VPL-VW11HT is a worthy successor to the popular Sony VPL-VW10HT, winner of the EISA award for the best Home Cinema Projector 2000/2001.

Sheer picture quality takes on a new dimension, thanks to three new 16:9 wide XGA (1366 x 768 pixels) LCD panels. In addition, image contrast is improved by a new optical assembly, lamp and system circuitry. Latest signal processing technology from Sony includes Digital Reality Creation™, 3D gamma correction and digital Y/C separation/digital noise reduction. The result? Dramatic improvements in overall image quality to satisfy the most critical viewer – whatever the source.

Elegantly styled to be the perfect centrepiece for any state-of-the-art home cinema set-up, the VPL-VW11HT is a class apart from other projectors, thanks to features like digital keystone correction and cinema black mode to enhance your overall home entertainment experience. With the extra convenience of a short throwing distance and six video memories, the VPL-VW11HT is the last word in desirability. So expand the possibilities of your home cinema system – and go create the ultimate entertainment experience in your own home.



High Brightness and Contrast

The VPL-VW11HT employs three wide-format XGA (1366 x 768 pixels) resolution LCD panels and a 200W UHP lamp, providing a high brightness output of 1000 ANSI lumens (in 16:9 mode). An excellent 700:1 Contrast Ratio assures crisp images, with assembly of all new key components including LCD panels, optical unit and lamp optimised to prevent light leakage and make full use of the LCD panel's dynamic range. Delivering intense, deep blacks, pure whites and rich, even colour gradation right across the projected image, the VPL-VW11HT offers remarkable image reproduction from today's picture sources like DVD and digital set-top boxes.



"Cinema Black" mode ON **



"Cinema Black" mode OFF **

Cinema Black Mode

For extra versatility, the VPL-VW11HT lamp drive power can be set to either "normal" (1000 ANSI lumens) or "cinema black" mode (approx. 750 ANSI lumens) according to ambient light conditions. "Cinema black" mode offers enhanced black levels for improved enjoyment of film sources.



** Simulated picture

Enhanced Picture Quality

There's no doubt about it: it's the crispest, most vivid image reproduction you've ever seen. The VPL-VW11HT incorporates a full complement of the latest Sony signal processing technologies – guaranteeing natural colour reproduction and unprecedented resolution of the most exquisite detail in every scene. 3D gamma correction ensures uniform picture brightness across the screen, plus astonishing object shape definition at extreme bright or dark signal levels. Newly developed Sony Digital Reality Creation – Multi Function (DRC-MF) brings out the truly cinematic beauty and fascination of any video source. When used with NTSC signal format, DRC-MF also incorporates CINE MOTION (2-3 pull down), accurately reproducing each individual frame from film originated sources and avoiding motion artefacts.

Versatile Input Choices

The versatility of the VPL-VW11HT makes it compatible with virtually any video input signal, whether it's your DVD player, VHS video recorder, digital set-top box, PC, Playstation or any game consoles. Furthermore, new DTV Standards and Progressive scan devices are all fully supported, ensuring that the VPL-VW11HT is future ready.



Perfect Partner for your Home Cinema System

Beautifully styled to be the centre-piece of today's home cinema systems, the VPL-VW11HT offers outstanding features that will enhance your personal entertainment experience still further. An extended air duct and innovative cooling system reduce fan noise to barely audible levels, while a new air filter dramatically reduces levels of dust entering the projector. Furthermore Sony digital keystone correction* offers additional installation flexibility by eliminating unwanted picture distortion that can arise from different projection angles.



* Function available for "full", "normal" and "zoom" modes.

Video Memory

Video Memory function allows storage of six sets of control parameters (Picture Control and Input Setting) to match various input sources or different lighting conditions.

Widescreen (16:9) Computer Signal Compatible

Images from home entertainment computers with integrated DVD Players can now be displayed at native 1366 x 768 resolution.



Aspect Ratio Switching

The VPL-VW11HT supports seven different display modes for optimum results with any programme format. In "through" mode, video signals are not affected by scan conversion, enabling the projector to reproduce a high density, one-to-one pixel mapped picture. "Full through" mode is suitable for squeezed 16:9 sources, while "normal through" mode is ideal for 4:3 sources.



"Subtitle" mode



"Full" mode



"Full through" mode



"Normal" mode



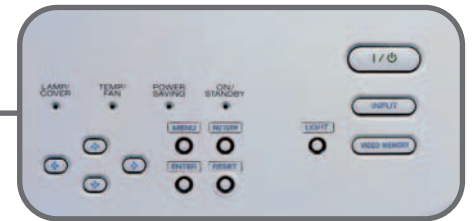
"Normal through" mode



"Zoom" mode



"Wide zoom" mode



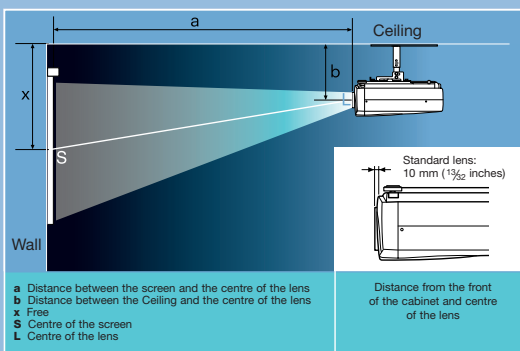
Easy Projector Control

Projector control keys and the supplied remote control unit offer easy control of the VPL-VW11HT. Key illumination can be selected to allow fuss-free operation in low light conditions.

Short Throwing Distance

The VPL-VW11HT has a short throwing distance, requiring surprisingly little space to project a big image. Even in a small room, you can still enjoy full-scale home entertainment.

Ceiling installation



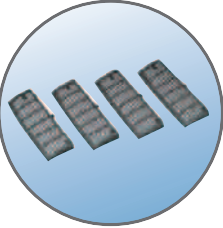
Unit: mm (inches)

16:9 Screen size (inches)		80	100	120	150	180	200	250	300
a	Minimum	2600 (102 1/4)	3270 (128 7/8)	3930 (154 1/4)	4940 (194 1/4)	5940 (234)	6610 (260 1/4)	8270 (325 7/8)	9940 (391 1/4)
	Maximum	3010 (118 3/4)	3780 (148 7/8)	4550 (179 1/4)	5710 (224 7/8)	6860 (270 1/4)	7630 (300 1/4)	9560 (376 1/4)	11480 (452 1/4)
x		b+498 (b+19 1/4)	b+623 (b+24 1/4)	b+747 (b+29 1/4)	b+934 (b+36 1/4)	b+1121 (b+44 1/4)	b+1245 (b+49 1/4)	b+1556 (b+61 1/4)	b+1868 (b+73 1/4)
b		247, 272, 297, 347, 372, 397 mm (9 3/4, 10 3/4, 11 1/4, 13 3/4, 14 1/4, 15 1/4 inches) adjustable when using PSS-610							

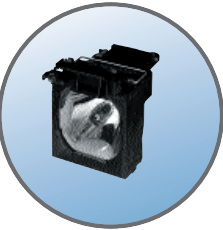
4:3 Screen size (inches)		80	100	120	150	180	200	250	300
a	Minimum	3200 (126)	4020 (158 1/4)	4830 (190 1/4)	6060 (238 1/4)	7290 (287 1/4)	8100 (319)	10150 (399 1/4)	12190 (480)
	Maximum	3700 (145 3/4)	4650 (183 1/4)	5590 (220 1/4)	7000 (275 1/4)	8420 (331 1/4)	9360 (368 1/4)	11720 (461 1/4)	14070 (554 1/4)
x		b+610 (b+24 1/4)	b+762 (b+30 1/4)	b+915 (b+36 1/4)	b+1143 (b+45 1/4)	b+1372 (b+54 1/4)	b+1524 (b+60 1/4)	b+1905 (b+75 1/4)	b+2287 (b+90 1/4)
b		247, 272, 297, 347, 372, 397 mm (9 3/4, 10 3/4, 11 1/4, 13 3/4, 14 1/4, 15 1/4 inches) adjustable when using PSS-610							

How has the VPL-VW10HT evolved?

Optional Accessories



PK-VW11FL
Air Filter



LMP-P201
Projector lamp (for replacement)



PSS-610
Projector suspension support

VPL-VW11HT

VPL-VW10HT

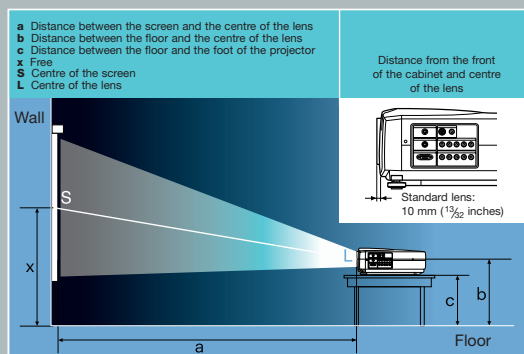
COMMENTS

Contrast Ratio	700:1	300:1	100% Improvement
Air Filter	Efficiency of dust prevention Filter maintenance Maintenance interval Clog Sensor	very good replacement 500 hours (depending on the dust) Yes	average cleaning 300 hours No
16:9 Computer Signal capability	Yes (selected Signals)	No	
Cine Motion (2-3 pull down *)	Yes	No	
Control Panel LED's (Back light)	Blue	Orange	

Technical Specifications

Model	VPL-VW11HT	
Optical	Projection System LCD Panel Projection Lens Lamp Picture size min/max Light output	3 LCD panels, 1 lens projection system 1.35-inch p-Si TFT LCD panel, 3,147,264 (1,049,088 x 3) pixels 1.2 times zoom lens (manual) 200 W UHP type (LMP-P201) min. 0.9m x 0.5m / 6.6m x 3.7m (width x height) 1000 ANSI Lumen (16:9)
Signals	Color System Resolution Acceptable Signals	NTSC3.58/PAL/SECAM/NTSC4.43/PAL-M/PAL-N system, switched automatically/manually Video: 750 TV Lines HDTV 1100 TV Lines RGB: 1366 x 768 pixels DTV (480i, 480p, 720p, 1080i), progressive component, 15 kHz component 50/60 Hz system, composite video, Y/C video, RGB (fH: 15 to 80 kHz, fv: 50 to 85 Hz)
General	Cabinet Color Power requirements Power consumption Dimensions Mass	White/Silver AC 100 to 240V, 50/60 Hz Max. 300W, Standby 6W 395 (W) x 168 (H) x 427 (D) mm Approx. 8 kg
Inputs/Outputs	VIDEO IN Composite Y/C IN INPUT A/B Component /Analogue RGB/ Progressive Component Remote RS232 Trigger out	Phono type Mini DIN 4 pin Phono type x5 D-Sub 9-pin (female) POWER ON : 12V (4.7 kOhm) POWER OFF: 0V
Safety regulations	UL, cUL (CSA), FCC Class B, IC Class B, NEMKO, CE (EMC), C-Tick, CCIB, VCCI, JEITA	
Supplied Accessories	Remote Battery's Air Filter AC Power Cord Manuals	RM-PJWW10 x 1 AA-size Battery x2 (for remote control) Air Filter for replacement x 3 Country specific Power Cord x 1 Operation Instructions x 1
Optional Accessories	Lamp for replacement Air Filter Suspension Support	LMP-P201 (User replaceable) PK-VW11FL (x4) PSS-610
Dimensions units: mm (inches)	<p>395 (15 5/8)</p> <p>168 (6 5/8)</p> <p>427 (16 3/4)</p>	

Floor installation



Unit: mm (inches)

16:9 Screen size (inches)		40	60	80	100	120	150	180	200	250	300
a	Minimum	1260 (49 3/4)	1930 (76)	2600 (102 3/4)	3270 (128 3/4)	3930 (154 3/4)	4940 (194 3/4)	5940 (234)	6610 (260 3/4)	8270 (325 3/4)	9940 (391 3/4)
	Maximum	1470 (58)	2240 (88 1/4)	3010 (118 3/4)	3780 (148 3/4)	4550 (179 1/4)	5710 (224 3/4)	6860 (270 3/4)	7630 (300 3/4)	9560 (376 3/4)	11480 (452 3/4)
b	x-249 (x-9 7/4)	x-374 (x-14 3/4)	x-498 (x-19 3/4)	x-623 (x-24 3/4)	x-747 (x-29 3/4)	x-934 (x-36 3/4)	x-1121 (x-44 3/4)	x-1245 (x-49 3/4)	x-1556 (x-61 3/4)	x-1868 (x-73 3/4)	
	c	x-349 (x-13 3/4)	x-473 (x-18 3/4)	x-598 (x-23 3/4)	x-722 (x-28 3/4)	x-847 (x-33 3/4)	x-1033 (x-40 3/4)	x-1220 (x-48 3/4)	x-1345 (x-53)	x-1656 (x-65 3/4)	x-1967 (x-77 3/4)

4:3 Screen size (inches)		40	60	80	100	120	150	180	200	250	300
a	Minimum	1560 (61 1/4)	2380 (93 3/4)	3200 (126)	4020 (158 3/4)	4830 (190 3/4)	6060 (238 3/4)	7290 (287 3/4)	8100 (319)	10150 (399 3/4)	12190 (480)
	Maximum	1820 (71 3/4)	2760 (108 3/4)	3700 (145 3/4)	4650 (183 3/4)	5590 (220 3/4)	7000 (275 3/4)	8420 (331 3/4)	9360 (368 3/4)	11720 (461 3/4)	14070 (554 3/4)
b	x-305 (x-12)	x-457 (x-18 3/4)	x-610 (x-24 3/4)	x-762 (x-30 3/4)	x-915 (x-36 3/4)	x-1143 (x-45 3/4)	x-1372 (x-54 3/4)	x-1524 (x-60 3/4)	x-1905 (x-75 3/4)	x-2287 (x-90 3/4)	
	c	x-404 (x-16)	x-557 (x-22)	x-709 (x-28)	x-862 (x-34)	x-1014 (x-40)	x-1243 (x-49)	x-1471 (x-58)	x-1624 (x-64)	x-2005 (x-78 3/4)	x-2386 (x-94)