

SONY®

LCD Video Projector **VPL-VW10HT**



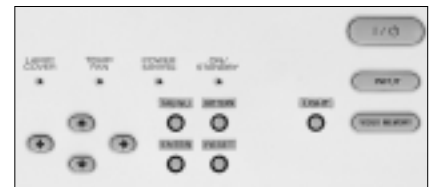
The next generation home theater projector

- Three Sony wide XGA (1,366 × 768 pixels) LCD panels with metal mask
- High brightness of 1000 ANSI lumens
- Superb picture quality:
Digital Reality Creation - Multi Function,
3D gamma correction, 3D/3-line YC separation/DNR circuit
- Cinema black mode
- Video memory
- Through mode for one to one mapping
- Low fan noise
- White cabinet
- Short throwing distance
- RGB input acceptable
- New remote control unit RM-PJW10 supplied

Preliminary

Specifications

Optical	Projection system	3 LCD panels, 1 lens projection system		
	LCD panel	1.35 inch p-Si TFT LCD panel		
		3,147,264 pixels (1,049,088 pixels x 3)		
	Projection lens	1.2 times zoom lens, F 2.2 to 2.5, f 44.6 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)		
	Throwing distance	<16:9>	<4:3>	
	40-inch	1260 to 1470 mm (49 5/8 to 57 7/8 inches)	1560 to 1820 mm (61 1/2 to 71 3/4 inches)	
	60-inch	1930 to 2240 mm (76 to 88 1/4 inches)	2380 to 2760 mm (93 3/4 to 108 3/4 inches)	
	80-inch	2600 to 3010 mm (102 3/8 to 118 5/8 inches)	3200 to 3700 mm (126 to 145 3/4 inches)	
	100-inch	3270 to 3780 mm (128 3/4 to 148 7/8 inches)	4020 to 4650 mm (158 3/8 to 183 1/8 inches)	
	120-inch	3930 to 4550 mm (154 3/4 to 179 1/4 inches)	4830 to 5590 mm (190 1/4 to 220 1/8 inches)	
150-inch	4940 to 5710 mm (194 1/2 to 224 7/8 inches)	6060 to 7000 mm (238 5/8 to 275 5/8 inches)		
180-inch	5940 to 6860 mm (233 7/8 to 270 1/8 inches)	7290 to 8420 mm (287 1/8 to 331 1/2 inches)		
200-inch	6610 to 7630 mm (260 1/4 to 300 1/2 inches)	8100 to 9360 mm (319 to 368 5/8 inches)		
250-inch	8270 to 9560 mm (325 5/8 to 376 1/2 inches)	10150 to 11720 mm (399 5/8 to 461 1/2 inches)		
300-inch	9940 to 11480 mm (391 3/8 to 452 inches)	12190 to 14070 mm (480 to 554 inches)		
Signals	Color system	NTSC, PAL, SECAM, NTSC _{4.43} , PAL-M, PAL-N, PAL 60 (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, 15K component 50/60 Hz system, composite video, Y/C video, RGB (fH: 15 to 91 kHz, fV: 50 to 85 Hz)		
General	Cabinet color	White & Silver		
	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)		
	Mass	Approx. 8 kg (17 lb 10 oz)		
	Operating temperature	0 to 40 °C (14 to 104 °F)		
	Operating humidity	35 to 85 %		
	Input/Output	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/C _B /P _B		0.7 Vp-p ±2 dB positive, 75 Ω		
R/C _R /P _R		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		Stereo mini jack 5 Vp-p		
(PLUG IN POWER)	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 1950, cUL 950 (CSA No.950), FCC Class B, IC Class B, EN 60 950 (Nemco), CE, C-Tick, VCCI class B, JEIDA			
Accessories	Supplied	Remote commander RM-PJVW10 Visual cable (1.5 m) Size AA battery (2) Air filter Operating manual		
	Optional	Projector lamp for replacement LMP-P200 Projector suspension support PSS-610 Monitor cable SMF-400 (HD D-sub 15-pin to 5 BNC) Macintosh® adaptor ADP-20 (Macintosh to VGA)		



Control panel



Connector panel

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

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