

CONSUMER INTEGRATED SYSTEMS



Specifications

VPL-VW10HT

OPTICAL

Projection System: 3 LCD panels, 1 lens, projection system
 LCD Panels: 1.35-inch p-si TFT LCD panels, 1366 x 768 pixels per panel (1,049,088 pixels x 3 panels, or 3,147,264 pixels)
 Projection Lens: 1.2x zoom lens, f 2.2 to 2.5, f44.6 - 53.6mm
 Lamp: 200W UHP
 Screen Coverage: 16:9 aspect ratio: 40-inch to 300-inch (viewable area, measured diagonally); 4:3 aspect ratio: 34-inch to 245-inch (viewable area, measured diagonally)
 Light Output: 1000 ANSI lumens (16:9 aspect ratio); 750 ANSI lumens (4:3 ratio)*

GENERAL

Color System: NTSC3.58, PAL, SECAM, NTSC4.43 (automatically selected); PAL-M, PAL-N, PAL60 (automatic/manual selected)
 Scanning Frequency: 15 to 80 kHz (horizontal), 50 to 85 Hz (vertical)
 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 and composite video, V/C video, RGB
 Power Requirements: AC 100 to 240V, 50/60Hz
 Power Consumption: 300 W (max); 6 W (standby)
 Heat Dissipation: 1023.7 BTU
 Dimensions (whd): 15 5/8" x 6 5/8" x 16 7/8" (395 x 168 x 427mm)
 Weight: 17 lb. 10 oz. (approx. 8kg)
 Operating Temperature: 32° to 104° F (0 to 40° C)
 Operating Humidity: 35% to 85%

INPUTS

Composite: RCA (phono type), 1 Vp-p ± 2dB, sync negative, 75Ω
 Y/C IN: Loop-through Mini DIN 4-pin
 Y: 1 Vp-p ± 2dB, sync negative, 75Ω
 C: Burst 0.286 ± 2dB (NTSC), 75Ω; 0.3 Vp-p ± 2dB (PAL), 75Ω
 INPUT A/B: Component/Progressive
 Component/Y/PB/PR: Analog RGB: Phono Type
 RGB/Component/HDTV**:
 BNC
 G: 0.7 Vp-p ± 2dB positive, 75Ω
 G with sync/Y: 1 Vp-p ± 2dB sync negative, 75Ω
 B/CB/PB: 0.7 Vp-p ± 2dB positive, 75Ω
 R/CR/PR: 0.7 Vp-p ± 2dB positive, 75Ω
 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 5Vp-p, high impedance, positive/negative
 CONTROL S: Stereo mini jack; 5 Vp-p, Plug-in power DC 5V
 REMOTE: RS-232C: D-sub 9-pin (female)
 TRIG: Mini-jack
 Power On: DC 12V, output impedance 4.7kΩ
 Power Off: 0 V

Supplied Accessories:

- RM-PJW10 Remote Commander Control Unit
- AA batteries (x2)
- Air Filter
- Operation Manual

Optional Accessories:

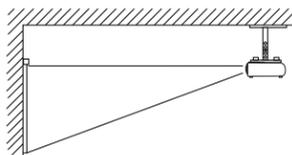
- LMP-P200 Projector lamp for replacement
- PSS-610 Projector Suspension Support
- SMF-400 Monitor Cable (HD D-sub 15-pin 5BNC)
- ADP-20 Macintosh® Adaptor (Macintosh - VGA)
- VPS-50C 50-inch portable screen (viewable area measured diagonally)
- VPS-80C 80-inch portable screen (viewable area measured diagonally)

* ANSI lumens is a measuring method of the American National Standard Institute. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.

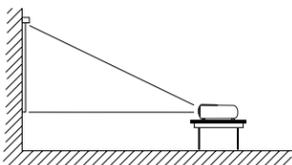
** HDTV: 1125/60 interlaced HDTV studio standard system.

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Installation



ceiling installation



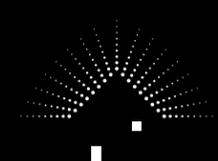
floor installation



VPL-VW10HT

HIGH RESOLUTION LCD HOME THEATER PROJECTOR

- Widescreen 16:9 LCD Panels For Dramatic Theatrical Impact
- High-Resolution Imaging For HDTV/DTV Entertainment
- 1000 ANSI Lumen* Brightness For Spectacular Pictures
- Digital Reality Creation™ (DRC) For Enhanced Resolution
- Cinema Black Mode For Optimum Black Level When Room Lights Are Low
- Excellent Image Uniformity From Corner To Corner
- Versatile Input: Accepts RGB, S-Video, TV Signals
- Simple On-Screen Menus, Full-Function Remote (RM-PJW10)
- Whisper-Quiet Operation, Sleek Home Theater Design



CONSUMER INTEGRATED SYSTEMS

VPL-VW10HT

HOME THEATER PROJECTOR

The design is unique. The scale is dramatic. The picture is spectacular – and it all adds up to an experience that's truly theatrical. Sony's new VPL-VW10HT LCD Projector delivers ultra-bright images of 1000 ANSI lumens* and widescreen 16:9 ratio. It also incorporates a new generation of high-resolution technologies: LCD panels to capture ultra-fine image detail with excellent uniformity, 3D/3line filter and Digital Noise Reduction to minimize distortion, and Digital Reality Creation™ to enhance the quality of your image. With any video signal source – high-definition TV** broadcasts, VHS movies, DVD Standard and DVD Progressive programs, even computer input – Sony's VPL-VW10HT delivers an impressive home theater performance.



Features

Widescreen 16:9 Display. A widescreen picture makes theater movies more exciting – and our widescreen LCD panels do the same for your home. You can easily switch from 16:9 to 4:3 aspect ratios, so both standard and widescreen programs and movies are displayed to perfection.

High-Resolution LCD Panels. Sony's new LCD (Liquid Crystal Display) panel design incorporates a unique Metal Mask to deliver true XGA resolution (1366 x 768 pixels). A Dot Line Inverter and On Chip Spacer (OCS) increase brightness to 1000 ANSI lumens* and maintain excellent uniformity corner-to-corner. Expanded voltage to the LCD Panels also increases dynamic range, so colors appear richer and dark tones are more dramatic.

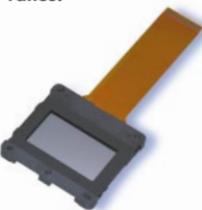


4x3 standard



16x9 widescreen

Dual Aspect Ratios let you project both **widescreen 16:9** and **standard 4:3** aspect ratios.



New LCD Panel incorporates **Metal Masks** to provide fine detail.



Digital Reality Creation (DRC-MF). Sony's DRC-MF circuitry can effectively quadruple the resolution of conventional video images, enhancing fine detail and improving diagonal line reproduction. You can also select 4xDRC (standard) or DRC Progressive enhancement, for best results with both fine-detailed images and on-screen text.

Cinema Black Setting. When you're watching a movie, the dark tones should be deep and rich – so your Sony Home Theater Projector gives you a Cinema Black setting for dramatic picture quality when you turn down your room lights at showtime. Cinema Black mode can also double the life of your projection lamp.

Superb Picture Quality. No one wants distortion – so for accurate separation of picture and color signals, your Sony Home Theater projector utilizes a 3-line filter and 3-dimensional comb filter. Digital Noise Reduction also helps minimize image "ghosting."

HD Ready. Are you ready for today's most exciting viewing experience? Your Sony Home Theater Projector is! With HD Ready capability, your projector can display high definition TV** and DTV (digital TV) signal input from a DTV receiver. It's a whole new world of video entertainment.

Progressive Component Input. The VPL-VW10HT is capable of accepting progressive-scan signals from the new generation of Progressive DVD players just being introduced.

Computer Signal Enhancement. For best reproduction of computer signals (including text screens), your projector has outstanding RGB reproduction and accepts a full range scanning frequencies (fH: 15 - 80 kHz, fV: 50 - 85 Hz).

Direct Video Memory. To make registration and focus easy for a variety of home theater programming, you can store projector data in memory for up multiple picture control settings. You can program projector settings (Picture Control, Aspect Ratio, DRC-MF Setting, etc.) for your home entertainment components, including VHS tape, DVD disk, TV programs, or computer input – then use your Remote Commander unit to switch quickly to the ideal setting for the show you're watching.

Full-Function Remote. For total home theater control, your RM-PJW10 Remote Commander® unit puts all projector operating functions and operations at your fingertips. You can select your video input, control Video Memory settings, and operate simple on-screen menus. The RM-PJW10 also has a backlit keypad, so you can easily make your selections even when room lights are low.

Versatile Inputs. To deliver thrilling home theater entertainment from a wide variety of sources, your Sony Projector provides input connectors for Video, S-Video, Analog RGB, and Progressive Component (Y/PB/PR) signals. Control S connectors to integrate system control with other Sony home theater components.



Versatile Inputs: rear connector panel gives you inputs for standard (composite) TV and video equipment, S-Video high-resolution components, RGB/Component video sources, RS-232C control systems, and Control S for home entertainment component integration.

Innovative Cooling Structure. A long air duct minimizes fan noise to barely audible levels – so the only thing you'll hear is the powerful sound of your home theater audio system.

Short-Throw Projection. The short-throw distance of the VPL-VW10HT means you can project a large image with less distance from projector to screen.

Compact Design, Big Picture. Your Sony Home Theater Projector is compact, so it fits easily into any room – and small and lightweight, so it can move from room to room with ease. Yet it projects an image that looks spectacular on screens up to 300 inches (viewable area measured diagonally).